CPM RESTful API

API Version: 1.6.0

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Chapter 1. Overview

This guide describes how to use the **CPM RESTful API**.

The RESTful API is part of the CPM server and is only accessible via HTTPS (port 443 by default). For more information regarding the setup of the CPM server, refer to the *CPM User Guide*.

> The RESTful API works with CPM version **2.3.0** and above.

1.1. API Endpoints

CPM RESTful APIs have a base URL to which the endpoint paths are appended.
CPM base URL is: `https://<CPM Host>/<api>/`.
For example, the `/api/users/` endpoint refers to `https://<CPM Host>/<api>/users/`.

1.2. Authentication

The API authentication scheme requires passing an access token on each request. Without the access token, the request will be denied with the `HTTP 401 Unauthorized` error response and appropriate `WWW-Authenticate` header.

Before the RESTful API can be used, enable API access for the CPM user via the CPM management console. The user must log on to the CPM server, go to the **Notifications** menu, and click **Configure API Authentication Key**. Use this Authentication key to obtain an `Access` token and a `Refresh` token, both of which will be used for future API calls.

The **`Obtain Token`** API call returns two separate tokens: an `Access` token and a `Refresh` token. Every RESTful call requires an `Access` token. Access tokens are valid for 1 hour by default. When an Access token expires, call the **`Refresh Token`** API with a valid `Refresh` token to generate a new `Access` token. Refresh tokens are valid for 24 hours by default.

Obtain Tokens:

```
POST /api/token/obtain/api_key/
api_key=<The API Authentication Key>
```

Refresh Access Token:

```
POST /api/token/refresh/
refresh=<The Refresh Token>
```

Sample API Request with the Access Token:

```
GET /api/policies/
Authorization: Bearer <Access Token>
```

Without a valid authentication token, the API call will result in an HTTP response status of `401 Unauthorized`.

1.3. Permissions

Every endpoint in the API has a permission setting associated with it. Even if a user passes authentication, he/she still has to have valid permissions to make the API request. The permissions associated with an API call are the permissions of the user who created the Authentication Key from which the tokens were generated.

Most permissions are based on the CPM license that was purchased and the roles the CPM user is configured with, such as being a delegate and allowed to perform backup/restore.

Every API in this document lists the permissions it requires. Without proper permissions, the API call will result in an HTTP response status of `403 Forbidden`.

1.4. Timezone

All timezone related fields at CPM RESTful APIs are relative to GMT.

1.5. Media Type

CPM RESTful API supports 2 types of media types in the `Accept` header `application/json` and `text/csv`. `application/json` is supported by all API requests while `text/csv` is also supported for reports and logs.

1.6. Versioning

In order to support backward compatibility, the API is versioned.
To add a version into the HTTP request, specify the version as part of the media type in the `Accept` header. The version is included as a media type parameter that supplements the main media type.

Sample Request:

```
GET /api/policies/
Accept: application/json; version=<API version>
```

The version parameter is optional. If not specified, the API defaults to the latest version. If an invalid version is specified, the API call will result in an HTTP response status of `406 Not Acceptable`.

1.7. Pagination

The API output response may, in many instances, include large result sets. Pagination allows the caller to split those large sets into individual pages of data with “Previous/Next” links.

Most `GET` requests support automatic pagination. By default, pagination is turned off. It can be turned on when the API call passes `?page=XX&page_size=XX` as part of the query parameters in the URL.

Sample Request:

```
GET /api/policies/?page=3&page_size=20
```

Sample Response:

```
HTTP/1.1 200 OK
```

```
{
"count": 100,
"next": "https://<CPM HOST>/api/policies/?page=4&page_size=20",
"previous": "https://<CPM HOST>/api/policies/?page=2&page_size=20",

"results": [
        {
            "id": "1"
        },
                ...
        {
            "id": "20"
        }
    ]
}
```

Endpoints documented with `page` and `page_size` as query parameters support pagination.

1.8. Filtering

Most `GET` requests support filtering the API response.
Filtering can be performed against supported fields for exact matching or by using the `search` parameter to search for terms within supported fields.

Sample Request - Filter by 'account':

```
GET /api/policies/?account=1
```

Sample Request - Filter using 'search':

```
GET /api/users/?search=James
```

Endpoints documented with any field name as a query parameter or the `search` query parameter support filtering.

1.9. Ordering

Most `GET` requests support ordering the API response by one or more fields.

- Ascending order can be specified by passing `ordering` as a query parameter along with a field name.
- Descending order can be specified by passing the `ordering` parameter and a field name prefixed with '-'.

Sample Request - Ascending Ordering by 'username':

```
GET /api/users/?ordering=username
```

Sample Request - Descending Ordering by 'username':

```
GET /api/users/?ordering=-username
```

Sample Request - Multiple Ordering by 'every_unit' (Ascending) & 'every_how_many' (Descending):

```
GET /api/schedules/?ordering=every_unit,-every_how_many
```

Endpoints documented with `ordering` as a query parameter support ordering.

1.10. Errors

In case an error occurred during an API request, an appropriate error `message` is returned with a `code` and an appropriate HTTP response status.

Sample Response - Field Validation Errors

```
{
    "errors": [
        {
            "name": [
                {
                    "message": "This field may not be blank.",
                    "code": "blank"
                }
            ],
            "description": [
                {
                    "message": "This field contains invalid characters.",
                    "code": "invalid"
                }
            ]
        }
    ]
}
```

Common HTTP Response Codes

- `400` - Bad Request
- `401` - Unauthorized
- `403` - Forbidden
- `404` - Not Found
- `406` - Not Acceptable
- `500` - Internal Server Error

Each endpoint is documented with its possible HTTP response codes.

Chapter 2. Examples

Below are sample cURL commands which use the following variables:

Variable	Description
$HOST	RESTful API server host.
$TOKEN	Access token for authentication.

2.1. Schedules APIs

Below are sample cURL commands to create a schedule, update it, show a list of schedules, and delete the created schedule.

2.1.1. Create a CPM Schedule

This sample shows how to create a weekly CPM schedule for the *root* user.

Sample Request:

```
curl -X POST https://$HOST/api/schedules/ \
  -H 'Accept: application/json;' \
  -H 'Authorization: Bearer $TOKEN' \
  -H 'Content-Type: application/json' \
  -d '{
    "name": "sample",
    "every_unit": "W",
    "every_how_many": 1,
    "user": 1
  }'
```

Sample Response:

```
{
    "id": 1,
    "name": "sample",
    "description": null,
    "user": 1,
    "every_unit": "W",
    "every_how_many": 1,
    "start_date": "2018-08-01T12:00:00.000000Z",
    "end_date": null,
    "last_modified": "2018-08-01T12:00:00.000000Z",
    "disable_times": []
}
```

2.1.2. Update a CPM Schedule

This sample shows how to update a CPM schedule with *id=1* to run once a month.

Sample Request:

```
curl -X PUT https://$HOST/api/schedules/1/ \
  -H 'Accept: application/json;' \
  -H 'Authorization: Bearer $TOKEN' \
  -H 'Content-Type: application/json' \
  -d '{
    "name": "sample",
    "every_unit": "O",
    "every_how_many": 1
  }'
```

Sample Response:

```
{
    "id": 1,
    "name": "sample",
    "description": null,
    "user": 1,
    "every_unit": "O",
    "every_how_many": 1,
    "start_date": "2018-08-01T12:00:00.000000Z",
    "end_date": null,
    "last_modified": "2018-08-01T13:00:00.000000Z",
    "disable_times": []
}
```

2.1.3. List CPM Schedules

This sample shows how to get a list of all CPM schedules ordered by the scheduling frequency.

Sample Request:

```
curl -X GET 'https://$HOST/api/schedules/?ordering=every_unit,every_how_many' \
  -H 'Accept: application/json;' \
  -H 'Authorization: Bearer $TOKEN'
```

Sample Response:

```
[
    {
        "id": 2,
```

```
        "name": "5minutes",
        "description": "",
        "user": 1,
        "every_unit": "M",
        "every_how_many": 5,
        "start_date": "2018-08-20T12:50:00Z",
        "end_date": null,
        "last_modified": "2018-08-20T11:50:35Z",
        "allow_on_sunday": true,
        "allow_on_monday": true,
        "allow_on_tuesday": true,
        "allow_on_wednesday": true,
        "allow_on_thursday": true,
        "allow_on_friday": true,
        "allow_on_saturday": true,
        "disable_times": []
    },
    {
        "id": 5,
        "name": "10hours",
        "description": "",
        "user": 1,
        "every_unit": "H",
        "every_how_many": 10,
        "start_date": "2018-08-20T13:11:00Z",
        "end_date": null,
        "last_modified": "2018-08-20T12:11:21Z",
        "allow_on_sunday": true,
        "allow_on_monday": true,
        "allow_on_tuesday": true,
        "allow_on_wednesday": true,
        "allow_on_thursday": true,
        "allow_on_friday": true,
        "allow_on_saturday": true,
        "disable_times": []
    },
    {
        "id": 4,
        "name": "7weeks",
        "description": "",
        "user": 1,
        "every_unit": "W",
        "every_how_many": 7,
        "start_date": "2018-08-20T12:50:00Z",
        "end_date": null,
        "last_modified": "2018-08-20T11:51:03Z",
        "disable_times": []
    },
```

```
    {
        "id": 1,
        "name": "1month",
        "description": "",
        "user": 1,
        "every_unit": "O",
        "every_how_many": 1,
        "start_date": "2018-08-20T14:43:56Z",
        "end_date": null,
        "last_modified": "2018-08-20T11:43:56Z",
        "disable_times": []
    },
    {
        "id": 3,
        "name": "2months",
        "description": "",
        "user": 1,
        "every_unit": "O",
        "every_how_many": 2,
        "start_date": "2018-08-20T12:50:00Z",
        "end_date": null,
        "last_modified": "2018-08-20T11:50:50Z",
        "disable_times": []
    }
]
```

2.1.4. Delete a CPM Schedule

This sample shows how to delete a CPM schedule with *id=1*.

Sample Request:

```
curl -X DELETE https://$HOST/api/schedules/1/ \
  -H 'Accept: application/json;' \
  -H 'Authorization: Bearer $TOKEN'
```

2.2. Logs APIs

2.2.1. Download Support Logs

This sample downloads support logs as *bz2* file into current working directory.

Sample Request:

```
curl -OJ -X GET https://$HOST/api/system/support_logs/ \
  -H 'Accept: application/json;' \
  -H 'Authorization: Bearer $TOKEN'
```

2.2.2. Download Cleanup Logs

This sample downloads cleanup logs as *CSV* file into current working directory.

Sample Request:

```
curl -OJ -X GET https://$HOST/api/settings/cleanup/logs/ \
  -H 'Accept: text/csv;' \
  -H 'Authorization: Bearer $TOKEN'
```

2.3. Reports APIs

2.3.1. Download Snapshots Report

This sample downloads snapshots report as *CSV* file into current working directory.

Sample Request:

```
curl -OJ -X GET \
  'https://$HOST/api/reports/snapshots/' \
  -H 'Accept: text/csv;' \
  -H 'Authorization: Bearer $TOKEN'
```

2.3.2. Download Backups Report

This sample downloads backups report with *backup_id=1* as *CSV* file into current working directory.

Sample Request:

```
curl -OJ -X GET \
  'https://$HOST/api/reports/backups/?backup_id=1' \
  -H 'Accept: text/csv;' \
  -H 'Authorization: Bearer $TOKEN'
```

2.4. Python Script

Below is a sample Python 2 script using the CPM RESTful API.

The script does the following:

- Obtains `Access Token` and `Refresh Token` by using `API Authentication Key`.
- Gets the list of CPM users using the `Access Token`.
- Creates a new `Access Token` using the `Refresh Token`.
- Gets the list of CPM users using the new `Access Token`.

```python
import sys
import requests

VERIFY_SSL = True
URL_API = "https://{host}/api/"
URL_TOKEN_OBTAIN = URL_API + "token/obtain/api_key/"
URL_TOKEN_REFRESH = URL_API + "token/refresh/"
URL_API_USERS = URL_API + "users/"

HEADER_ACCEPT = "application/json; version=1.0"
HEADER_AUTHORIZATION = "Bearer {access_token}"


def post_obtain_token(host, api_key):
    """
    Obtain `Access Token` and `Refresh Token` by using `API Authentication Key`.

    :param host: The HOST of the RESTful API server.
    :param api_key: API authentication key generated in the CPM UI
    :return: Tuple of `Access Token` and `Refresh Token`.
    """
    url = URL_TOKEN_OBTAIN.format(host=host)
    headers = {'Accept': HEADER_ACCEPT}
    data = {'api_key': api_key}
    response = requests.post(url=url, headers=headers, data=data, verify=VERIFY_SSL)
    assert response.status_code == 200
    response_json = response.json()
    access_token = response_json['access']
    refresh_token = response_json['refresh']
    return access_token, refresh_token


def get_users(host, access_token):
    """
    Get list of CPM users.

    :param host: The HOST of the RESTful API server.
    :param access_token: The access token for the API.
    :return: List of dictionaries. Each dictionary represents a CPM user.
    """
    url = URL_API_USERS.format(host=host)
    authorization = HEADER_AUTHORIZATION.format(access_token=access_token)
    headers = {'Accept': HEADER_ACCEPT, 'Authorization': authorization}
    response = requests.get(url=url, headers=headers, verify=VERIFY_SSL)
    assert response.status_code == 200
    response_json = response.json()
    return response_json
```

```python
def post_refresh_token(host, refresh_token):
    """
    Create a new `Access Token` using the `Refresh Token`.

    :param host: The HOST of the RESTful API server.
    :param refresh_token: A refresh token.
    :return: 'Access Token' with new expiration date.
    """
    url = URL_TOKEN_REFRESH.format(host=host)
    headers = {'Accept': HEADER_ACCEPT}
    data = {'refresh': refresh_token}
    response = requests.post(url=url, headers=headers, data=data, verify=VERIFY_SSL)
    assert response.status_code == 200
    response_json = response.json()
    access_token = response_json['access']
    return access_token


def run_demo(host, api_key):
    """
    Running a demo for accessing CPM RESTful API.

    * Obtain `Access Token` and `Refresh Token` by using `API Authentication Key`.
    * Get list of CPM users using the `Access Token`.
    * Create a new `Access Token` using the `Refresh Token`.
    * Get list of CPM users using the new `Access Token`.

    :param host: The HOST of the RESTful API server.
    :param api_key: API authentication key generated in the CPM UI
    :return: None
    """
    access_token, refresh_token = post_obtain_token(host=host, api_key=api_key)

    # Getting list of users with the first access token
    users1 = get_users(host=host, access_token=access_token)
    print users1

    access_token = post_refresh_token(host=host, refresh_token=refresh_token)

    # Getting list of users with the second access token
    users2 = get_users(host=host, access_token=access_token)
    print users2

    assert users1 == users2
```

```
if __name__ == '__main__':
    """
    :param sys.argv[1]: The HOST of the RESTful API server.
    :param sys.argv[2]: API authentication key generated in the CPM UI.
    """
    host = sys.argv[1]
    api_key = sys.argv[2]
    run_demo(host, api_key)
```

Chapter 3. Version History

This chapter lists the version history of CPM Restful API.

API Version	Released in CPM Version
1.5.0	3.1.0
1.4.0	3.0.0
1.3.0	2.6.0
1.2.0	2.5.0
1.1.0	2.4.0
1.0.0	2.3.0

3.1. Version 1.6.0

3.1.1. New APIs

- GET /accounts/dr/{id}/check_secured_dr_account_and_report/
- GET /accounts/dr/{id}/secured_dr_account/
- PUT /accounts/dr/{id}/secured_dr_account/
- GET /backups/{backup_id}/snapshots/fsxs/
- GET /backups/{backup_id}/snapshots/fsxs/{id}/
- DELETE /backups/{backup_id}/snapshots/fsxs/{id}/
- POST /backups/{backup_id}/snapshots/fsxs/{snapshot_record_id}/recover/
- DELETE /explore_sessions/
- GET /explore_sessions/{explore_session_id}/download/
- POST /explore_sessions/{explore_session_id}/file_system_entries/
- GET /policies/{policy_id}/targets/fsxs/
- POST /policies/{policy_id}/targets/fsxs/
- GET /policies/{policy_id}/targets/fsxs/{id}/
- PUT /policies/{policy_id}/targets/fsxs/{id}/
- DELETE /policies/{policy_id}/targets/fsxs/{id}/
- GET /prohibited_permissions/
- GET /settings/secured_dr_account_check/
- POST /settings/secured_dr_account_check/
- GET /settings/secured_dr_account_check/logs/

- POST /settings/secured_dr_account_check/run/
- GET /settings/watermark/
- POST /settings/watermark/
- GET /system/tasks/
- GET /system/tasks/{id}/
- GET /system/volumes/occupied_percent/

3.1.2. Modified APIs

- POST /accounts/backup/{id}/clone_vpc/
- GET /backups/{backup_id}/snapshots/
- POST /backups/{backup_id}/snapshots/instances/{snapshot_record_id}/recover/
- GET /explore_sessions/
- POST /explore_sessions/
- POST /explore_sessions/{explore_session_id}/download/
- GET /explore_sessions/{id}/
- GET /recovery_scenarios/{scenario_id}/targets/
- POST /recovery_scenarios/{scenario_id}/targets/
- GET /recovery_scenarios/{scenario_id}/targets/{id}/
- PUT /recovery_scenarios/{scenario_id}/targets/{id}/
- GET /reports/summary/
- POST /workers/
- PUT /workers/{id}/

3.2. Version 1.5.0

3.2.1. New APIs

- GET /backups/{backup_id}/snapshots/dr_efs/
- GET /backups/{backup_id}/snapshots/dr_efs/{id}/
- DELETE /backups/{backup_id}/snapshots/dr_efs/{id}/
- POST /backups/{backup_id}/snapshots/dr_efs/{snapshot_record_id}/recover/
- POST /cost_explorer/resource_control_savings/
- PUT /cost_explorer/resource_control_savings/{id}/
- GET /policies/{policy_id}/custom_tags/

- POST /policies/{policy_id}/custom_tags/
- GET /policies/{policy_id}/custom_tags/{id}/
- DELETE /policies/{policy_id}/custom_tags/{id}/
- GET /policies/{policy_id}/targets/s3syncs/
- POST /policies/{policy_id}/targets/s3syncs/
- GET /policies/{policy_id}/targets/s3syncs/{id}/
- PUT /policies/{policy_id}/targets/s3syncs/{id}/
- DELETE /policies/{policy_id}/targets/s3syncs/{id}/
- DELETE /s3_repositories/{id}/force/
- GET /settings/cost_explorer/
- POST /settings/cost_explorer/
- PUT /settings/notifications/{id}/
- GET /worker_tags/
- POST /worker_tags/
- GET /worker_tags/{id}/
- PUT /worker_tags/{id}/
- DELETE /worker_tags/{id}/

3.2.2. Modified APIs

- GET /backups/
- GET /backups/{backup_id}/snapshots/dr_initial_amis/
- GET /backups/{backup_id}/snapshots/dr_initial_amis/{id}/
- POST /backups/{backup_id}/snapshots/instances/{snapshot_record_id}/recover_from_s3/
- GET /backups/{backup_id}/snapshots/only_dr_amis/
- GET /backups/{backup_id}/snapshots/only_dr_amis/{id}/
- GET /delegates/
- POST /delegates/
- GET /delegates/{id}/
- PUT /delegates/{id}/
- GET /policies/{policy_id}/targets/dynamodb_tables/
- GET /policies/{policy_id}/targets/dynamodb_tables/{id}/
- GET /policies/{policy_id}/targets/efs/{id}/
- GET /policies/{policy_id}/targets/instances/

- GET /policies/{policy_id}/targets/instances/{id}/
- GET /policies/{policy_id}/targets/rds_clusters/
- GET /policies/{policy_id}/targets/rds_clusters/{id}/
- GET /policies/{policy_id}/targets/rds_databases/
- GET /policies/{policy_id}/targets/rds_databases/{id}/
- GET /policies/{policy_id}/targets/redshift_clusters/
- GET /policies/{policy_id}/targets/redshift_clusters/{id}/
- GET /recovery_scenarios/
- POST /recovery_scenarios/
- GET /recovery_scenarios/{id}/
- PUT /recovery_scenarios/{id}/
- GET /reports/snapshots/
- GET /schedules/
- GET /schedules/{id}/

3.3. Version 1.4.0

3.3.1. New APIs

- GET /accounts/backup/{id}/check_aws_permissions/
- GET /accounts/backup/{id}/check_aws_permissions/download/
- GET /accounts/backup/{id}/clone_vpc_log/
- GET /accounts/dr/{id}/check_aws_permissions/
- GET /accounts/dr/{id}/check_aws_permissions/download/
- POST /agents/configuration/
- GET /backups/{backup_id}/script_logs/
- GET /backups/{backup_id}/script_logs/{id}/
- GET /captured_vpcs/
- GET /captured_vpcs/logs/
- GET /captured_vpcs/{id}/
- GET /captured_vpcs/{id}/cloudformation_template/
- GET /cost_explorer/backup_costs/
- GET /cost_explorer/backup_costs/{id}/
- GET /cost_explorer/resource_control_savings/

- GET /cost_explorer/resource_control_savings/{id}/
- POST /policies/{policy_id}/archive/abort/
- POST /policies/{policy_id}/cleanup_s3/abort/
- POST /policies/{policy_id}/s3_operations/abort/
- GET /recovery_scenarios/
- POST /recovery_scenarios/
- GET /recovery_scenarios/records/
- GET /recovery_scenarios/records/{id}/
- DELETE /recovery_scenarios/records/{id}/
- GET /recovery_scenarios/records/{id}/logs/
- GET /recovery_scenarios/{id}/
- PUT /recovery_scenarios/{id}/
- DELETE /recovery_scenarios/{id}/
- POST /recovery_scenarios/{scenario_id}/recover/
- GET /recovery_scenarios/{scenario_id}/targets/
- POST /recovery_scenarios/{scenario_id}/targets/
- GET /recovery_scenarios/{scenario_id}/targets/{id}/
- PUT /recovery_scenarios/{scenario_id}/targets/{id}/
- DELETE /recovery_scenarios/{scenario_id}/targets/{id}/
- GET /reports/usage/detailed/anonymous/
- GET /reports/usage/summary/anonymous/
- GET /resource_types/
- GET /schedules/{schedule_id}/run_times/
- POST /settings/activation_key/
- GET /settings/cleanup/s3_logs/
- POST /settings/email_identity/verify/
- GET /settings/email_identity/verify_status/
- PUT /settings/identifier/
- GET /settings/identity_provider/cpm_addresses/
- GET /settings/identity_provider/groups/delegates/
- GET /settings/identity_provider/groups/delegates/{id}/
- PUT /settings/identity_provider/groups/delegates/{id}/

- GET /settings/identity_provider/groups/users/
- GET /settings/identity_provider/groups/users/{id}/
- PUT /settings/identity_provider/groups/users/{id}/
- GET /settings/notifications/{id}/
- POST /settings/notifications/{id}/test_daily_summary/
- GET /settings/upgrade_patches/
- POST /settings/upgrade_patches/
- GET /system/dashboard/activity/
- GET /system/dashboard/state/
- GET /system/timezones/
- GET /system/version/
- POST /workers/{configuration_id}/test/
- GET /workers/{configuration_id}/test/{id}/

3.3.2. Modified APIs

- GET /accounts/
- GET /accounts/backup/
- POST /accounts/backup/
- GET /accounts/backup/{id}/
- PUT /accounts/backup/{id}/
- GET /accounts/{id}/
- GET /backups/{backup_id}/snapshots/copy_to_s3/
- GET /backups/{backup_id}/snapshots/copy_to_s3/{id}/
- GET /backups/{backup_id}/snapshots/dr_rds_clusters/
- GET /backups/{backup_id}/snapshots/dr_rds_clusters/{id}/
- POST /backups/{backup_id}/snapshots/dr_rds_clusters/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/dr_rds_databases/
- GET /backups/{backup_id}/snapshots/dr_rds_databases/{id}/
- POST /backups/{backup_id}/snapshots/dr_rds_databases/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/dr_volumes/
- GET /backups/{backup_id}/snapshots/dr_volumes/{id}/
- POST /backups/{backup_id}/snapshots/dr_volumes/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/dynamodb_tables/

- GET /backups/{backup_id}/snapshots/dynamodb_tables/{id}/
- POST /backups/{backup_id}/snapshots/dynamodb_tables/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/efs/
- GET /backups/{backup_id}/snapshots/efs/{id}/
- POST /backups/{backup_id}/snapshots/efs/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/initial_amis/
- DELETE /backups/{backup_id}/snapshots/initial_amis/{id}/
- GET /backups/{backup_id}/snapshots/instances/
- GET /backups/{backup_id}/snapshots/instances/{id}/
- GET /backups/{backup_id}/snapshots/only_amis/
- GET /backups/{backup_id}/snapshots/only_amis/{id}/
- GET /backups/{backup_id}/snapshots/rds_clusters/
- GET /backups/{backup_id}/snapshots/rds_clusters/{id}/
- POST /backups/{backup_id}/snapshots/rds_clusters/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/rds_databases/
- GET /backups/{backup_id}/snapshots/rds_databases/{id}/
- POST /backups/{backup_id}/snapshots/rds_databases/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/redshift_clusters/
- GET /backups/{backup_id}/snapshots/redshift_clusters/{id}/
- POST /backups/{backup_id}/snapshots/redshift_clusters/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/volumes/
- GET /backups/{backup_id}/snapshots/volumes/{id}/
- POST /backups/{backup_id}/snapshots/volumes/{snapshot_record_id}/recover/
- POST /backups/{backup_id}/snapshots/volumes/{snapshot_record_id}/recover_from_s3/
- GET /policies/
- POST /policies/
- GET /policies/{id}/
- POST /policies/{id}/backups/
- GET /policies/{id}/copy_to_s3/
- PUT /policies/{id}/copy_to_s3/
- GET /policies/{policy_id}/run_times/
- GET /policies/{policy_id}/targets/efs/

- POST /policies/{policy_id}/targets/instances/
- PUT /policies/{policy_id}/targets/instances/{id}/
- POST /resource_control/groups/
- POST /resource_control/groups/{group_id}/schedules/
- GET /resource_control/records/
- POST /schedules/
- PUT /schedules/{id}/
- GET /settings/cpm_metadata/
- POST /settings/identifier/
- GET /settings/identity_provider/
- POST /settings/identity_provider/
- POST /settings/identity_provider/groups/delegates/
- POST /settings/identity_provider/groups/users/
- POST /settings/identity_provider/test_connection/
- GET /settings/notifications/
- POST /settings/notifications/
- GET /system/support_logs/
- GET /users/
- POST /users/
- GET /users/{id}/
- PUT /users/{id}/

3.3.3. Deprecated APIs

- GET /settings/file_level_recovery/
- POST /settings/file_level_recovery/

3.4. Version 1.3.0

3.4.1. New APIs

- POST /accounts/backup/{id}/clone_vpc/
- DELETE /accounts/{id}/
- DELETE /accounts/{id}/snapshots/
- POST /backups/{backup_id}/copy_to_s3/abort/

- GET /backups/{backup_id}/snapshots/efs/
- GET /backups/{backup_id}/snapshots/efs/{id}/
- DELETE /backups/{backup_id}/snapshots/efs/{id}/
- POST /backups/{backup_id}/snapshots/efs/{snapshot_record_id}/recover/
- POST /backups/{backup_id}/snapshots/instances/{snapshot_record_id}/recover/
- POST /backups/{backup_id}/snapshots/instances/{snapshot_record_id}/recover_from_s3/
- GET /explore_sessions/
- POST /explore_sessions/
- POST /explore_sessions/{explore_session_id}/download/
- GET /explore_sessions/{explore_session_id}/file_system_entries/
- POST /explore_sessions/{explore_session_id}/keep_alive/
- GET /explore_sessions/{id}/
- DELETE /explore_sessions/{id}/
- DELETE /policies/{id}/snapshots/native/
- DELETE /policies/{id}/snapshots/s3/
- GET /policies/{policy_id}/targets/efs/
- POST /policies/{policy_id}/targets/efs/
- GET /policies/{policy_id}/targets/efs/{id}/
- PUT /policies/{policy_id}/targets/efs/{id}/
- DELETE /policies/{policy_id}/targets/efs/{id}/
- POST /recoveries/{recovery_id}/recover_from_s3/abort/
- GET /reports/resource_control_operations/
- GET /reports/usage/detailed/
- GET /reports/usage/summary/
- GET /scheduled_reports/
- POST /scheduled_reports/
- GET /scheduled_reports/{id}/
- PUT /scheduled_reports/{id}/
- DELETE /scheduled_reports/{id}/
- POST /scheduled_reports/{scheduled_report_id}/run/
- GET /settings/capture_vpc/
- POST /settings/capture_vpc/

- GET /settings/capture_vpc/logs/
- POST /settings/capture_vpc/run/
- GET /settings/cpm_log_mode/
- POST /settings/cpm_log_mode/
- GET /settings/email_identity/
- POST /settings/email_identity/
- POST /settings/proxy/test_connection/
- GET /settings/security/
- POST /settings/security/

3.4.2. Modified APIs

- GET /backups/{id}/
- DELETE /policies/{id}/snapshots/
- GET /recoveries/
- GET /recoveries/{id}/
- GET /reports/audit/
- GET /reports/backups/
- GET /reports/protected-resources/
- GET /reports/usage/
- GET /reports/usage/anonymized/
- GET /s3_repositories/
- GET /s3_repositories/{id}/

3.4.3. Deprecated APIs

- GET /reports/usage/

3.5. Version 1.2.0

3.5.1. New APIs

- GET /accounts/
- GET /accounts/{id}/
- GET /alerts/
- DELETE /alerts/

- GET /alerts/{id}/
- DELETE /alerts/{id}/
- POST /backups/{backup_id}/snapshots/dr_volumes/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/instances/
- GET /backups/{backup_id}/snapshots/instances/{id}/
- GET /backups/{backup_id}/snapshots/instances/{snapshot_id}/ami/
- GET /backups/{backup_id}/snapshots/instances/{snapshot_id}/aws_additional_nics/
- GET /backups/{backup_id}/snapshots/instances/{snapshot_id}/find_similar_ami/
- POST /backups/{backup_id}/snapshots/volumes/{snapshot_record_id}/recover/
- POST /backups/{backup_id}/snapshots/volumes/{snapshot_record_id}/recover_from_s3/
- POST /policies/{policy_id}/targets/instances/
- PUT /policies/{policy_id}/targets/instances/{id}/
- GET /resource_control/groups/
- POST /resource_control/groups/
- GET /resource_control/groups/{group_id}/schedules/
- POST /resource_control/groups/{group_id}/schedules/
- GET /resource_control/groups/{group_id}/schedules/{id}/
- DELETE /resource_control/groups/{group_id}/schedules/{id}/
- GET /resource_control/groups/{group_id}/targets/
- GET /resource_control/groups/{group_id}/targets/instances/
- POST /resource_control/groups/{group_id}/targets/instances/
- GET /resource_control/groups/{group_id}/targets/instances/{id}/
- DELETE /resource_control/groups/{group_id}/targets/instances/{id}/
- GET /resource_control/groups/{group_id}/targets/rds_databases/
- POST /resource_control/groups/{group_id}/targets/rds_databases/
- GET /resource_control/groups/{group_id}/targets/rds_databases/{id}/
- DELETE /resource_control/groups/{group_id}/targets/rds_databases/{id}/
- GET /resource_control/groups/{id}/
- PUT /resource_control/groups/{id}/
- DELETE /resource_control/groups/{id}/
- POST /resource_control/groups/{id}/start/
- POST /resource_control/groups/{id}/stop/

- GET /resource_control/records/
- GET /resource_control/records/{id}/
- DELETE /resource_control/records/{id}/
- GET /resource_control/records/{id}/logs/
- GET /schedules/{schedule_id}/disable_times/
- POST /schedules/{schedule_id}/disable_times/
- GET /schedules/{schedule_id}/disable_times/{id}/
- DELETE /schedules/{schedule_id}/disable_times/{id}/
- GET /settings/cpm_certificate/
- GET /settings/cpm_metadata/
- GET /settings/file_level_recovery/
- POST /settings/file_level_recovery/
- POST /settings/identity_provider/test_connection/
- GET /settings/notifications/
- POST /settings/notifications/
- POST /settings/tagscan/run/

3.5.2. Modified APIs

- DELETE /policies/{policy_id}/targets/instances/{id}/

3.6. Version 1.1.0

3.6.1. New APIs

- GET /agents/
- GET /backups/
- GET /backups/{backup_id}/snapshots/
- GET /backups/{backup_id}/snapshots/copy_to_s3/
- GET /backups/{backup_id}/snapshots/copy_to_s3/{id}/
- GET /backups/{backup_id}/snapshots/dr_initial_amis/
- GET /backups/{backup_id}/snapshots/dr_initial_amis/{id}/
- DELETE /backups/{backup_id}/snapshots/dr_initial_amis/{id}/
- GET /backups/{backup_id}/snapshots/dr_rds_clusters/
- GET /backups/{backup_id}/snapshots/dr_rds_clusters/{id}/

- DELETE /backups/{backup_id}/snapshots/dr_rds_clusters/{id}/
- POST /backups/{backup_id}/snapshots/dr_rds_clusters/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/dr_rds_databases/
- GET /backups/{backup_id}/snapshots/dr_rds_databases/{id}/
- DELETE /backups/{backup_id}/snapshots/dr_rds_databases/{id}/
- POST /backups/{backup_id}/snapshots/dr_rds_databases/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/dr_volumes/
- GET /backups/{backup_id}/snapshots/dr_volumes/{id}/
- DELETE /backups/{backup_id}/snapshots/dr_volumes/{id}/
- GET /backups/{backup_id}/snapshots/dynamodb_tables/
- GET /backups/{backup_id}/snapshots/dynamodb_tables/{id}/
- DELETE /backups/{backup_id}/snapshots/dynamodb_tables/{id}/
- POST /backups/{backup_id}/snapshots/dynamodb_tables/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/initial_amis/
- GET /backups/{backup_id}/snapshots/initial_amis/{id}/
- DELETE /backups/{backup_id}/snapshots/initial_amis/{id}/
- GET /backups/{backup_id}/snapshots/only_amis/
- GET /backups/{backup_id}/snapshots/only_amis/{id}/
- DELETE /backups/{backup_id}/snapshots/only_amis/{id}/
- GET /backups/{backup_id}/snapshots/only_dr_amis/
- GET /backups/{backup_id}/snapshots/only_dr_amis/{id}/
- DELETE /backups/{backup_id}/snapshots/only_dr_amis/{id}/
- GET /backups/{backup_id}/snapshots/rds_clusters/
- GET /backups/{backup_id}/snapshots/rds_clusters/{id}/
- DELETE /backups/{backup_id}/snapshots/rds_clusters/{id}/
- POST /backups/{backup_id}/snapshots/rds_clusters/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/rds_databases/
- GET /backups/{backup_id}/snapshots/rds_databases/{id}/
- DELETE /backups/{backup_id}/snapshots/rds_databases/{id}/
- POST /backups/{backup_id}/snapshots/rds_databases/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/redshift_clusters/
- GET /backups/{backup_id}/snapshots/redshift_clusters/{id}/

- DELETE /backups/{backup_id}/snapshots/redshift_clusters/{id}/
- POST /backups/{backup_id}/snapshots/redshift_clusters/{snapshot_record_id}/recover/
- GET /backups/{backup_id}/snapshots/volumes/
- GET /backups/{backup_id}/snapshots/volumes/{id}/
- DELETE /backups/{backup_id}/snapshots/volumes/{id}/
- GET /backups/{id}/
- PUT /backups/{id}/
- DELETE /backups/{id}/
- GET /backups/{id}/logs/
- GET /policies/{id}/copy_to_s3/
- PUT /policies/{id}/copy_to_s3/
- GET /policies/{policy_id}/targets/
- GET /policies/{policy_id}/targets/dynamodb_tables/
- POST /policies/{policy_id}/targets/dynamodb_tables/
- GET /policies/{policy_id}/targets/dynamodb_tables/{id}/
- DELETE /policies/{policy_id}/targets/dynamodb_tables/{id}/
- GET /policies/{policy_id}/targets/rds_clusters/
- POST /policies/{policy_id}/targets/rds_clusters/
- GET /policies/{policy_id}/targets/rds_clusters/{id}/
- DELETE /policies/{policy_id}/targets/rds_clusters/{id}/
- GET /policies/{policy_id}/targets/redshift_clusters/
- POST /policies/{policy_id}/targets/redshift_clusters/
- GET /policies/{policy_id}/targets/redshift_clusters/{id}/
- DELETE /policies/{policy_id}/targets/redshift_clusters/{id}/
- GET /s3_repositories/
- POST /s3_repositories/
- GET /s3_repositories/{id}/
- PUT /s3_repositories/{id}/
- DELETE /s3_repositories/{id}/
- GET /settings/cleanup/
- POST /settings/cleanup/
- GET /settings/cleanup/logs/

- POST /settings/cleanup/run/
- GET /settings/identifier/
- POST /settings/identifier/
- GET /settings/identity_provider/groups/
- POST /settings/identity_provider/groups/delegates/
- DELETE /settings/identity_provider/groups/delegates/{id}/
- POST /settings/identity_provider/groups/users/
- DELETE /settings/identity_provider/groups/users/{id}/
- GET /settings/tagscan/
- POST /settings/tagscan/
- GET /settings/tagscan/logs/
- GET /system/support_logs/
- GET /workers/
- POST /workers/
- GET /workers/{id}/
- PUT /workers/{id}/
- DELETE /workers/{id}/

3.6.2. Deprecated APIs

- GET /freezer/

3.7. Version 1.0.0

3.7.1. New APIs

- GET /accounts/backup/
- POST /accounts/backup/
- GET /accounts/backup/{id}/
- PUT /accounts/backup/{id}/
- DELETE /accounts/backup/{id}/
- DELETE /accounts/backup/{id}/snapshots/
- GET /accounts/dr/
- POST /accounts/dr/
- GET /accounts/dr/{id}/

- PUT /accounts/dr/{id}/
- DELETE /accounts/dr/{id}/
- DELETE /accounts/dr/{id}/snapshots/
- DELETE /backups/{backup_id}/snapshots/
- POST /backups/{backup_id}/to_freezer/
- GET /delegates/
- POST /delegates/
- GET /delegates/{id}/
- PUT /delegates/{id}/
- DELETE /delegates/{id}/
- POST /delegates/{id}/reset_password/
- GET /freezer/
- GET /policies/
- POST /policies/
- GET /policies/{id}/
- PUT /policies/{id}/
- DELETE /policies/{id}/
- POST /policies/{id}/backups/
- GET /policies/{id}/dr/
- PUT /policies/{id}/dr/
- GET /policies/{id}/options/
- PUT /policies/{id}/options/
- DELETE /policies/{id}/snapshots/
- GET /policies/{policy_id}/run_times/
- GET /policies/{policy_id}/targets/instances/
- GET /policies/{policy_id}/targets/instances/{id}/
- DELETE /policies/{policy_id}/targets/instances/{id}/
- GET /policies/{policy_id}/targets/instances/{instance_id}/volumes/
- POST /policies/{policy_id}/targets/instances/{instance_id}/volumes/
- GET /policies/{policy_id}/targets/instances/{instance_id}/volumes/{id}/
- DELETE /policies/{policy_id}/targets/instances/{instance_id}/volumes/{id}/
- GET /policies/{policy_id}/targets/rds_databases/

- POST /policies/{policy_id}/targets/rds_databases/
- GET /policies/{policy_id}/targets/rds_databases/{id}/
- DELETE /policies/{policy_id}/targets/rds_databases/{id}/
- GET /policies/{policy_id}/targets/volumes/
- POST /policies/{policy_id}/targets/volumes/
- GET /policies/{policy_id}/targets/volumes/{id}/
- DELETE /policies/{policy_id}/targets/volumes/{id}/
- GET /recoveries/
- GET /recoveries/{id}/
- DELETE /recoveries/{id}/
- GET /recoveries/{id}/logs/
- PUT /recovery_scenarios/records/{id}/
- GET /regions/
- GET /reports/audit/
- GET /reports/backups/
- GET /reports/protected-resources/
- GET /reports/snapshots/
- GET /reports/summary/
- GET /reports/usage/
- GET /reports/usage/anonymized/
- GET /schedules/
- POST /schedules/
- GET /schedules/{id}/
- PUT /schedules/{id}/
- DELETE /schedules/{id}/
- GET /settings/identity_provider/
- POST /settings/identity_provider/
- GET /settings/proxy/
- POST /settings/proxy/
- POST /token/obtain/api_key/
- POST /token/refresh/
- GET /users/

- POST /users/
- POST /users/me/change_password/
- GET /users/{id}/
- PUT /users/{id}/
- DELETE /users/{id}/
- POST /users/{id}/reset_password/

Chapter 4. Accounts

4.1. List CPM accounts

```
GET /api/accounts/
```

4.1.1. Description

This endpoint returns a list of CPM accounts.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own accounts.
* Root user can also get the accounts of the managed users.
* Delegates can get the accounts of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

4.1.2. Parameters

Type	Name	Description	Schema
Query	**name** *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * authentication * name * user	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * Name * AWS access key	string
Query	**user** *optional*	ID of the owner user.	string

4.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_accounts_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_list

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
capture_vpcs *optional*	Whether the current account will be included in capturing VPCs performed by the system or not.	boolean
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

Name	Description	Schema
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< integer > array
scan_resource_types *optional*	Resource types to scan in selected regions. If not set, `all` supported resource types will be scanned.	< integer > array
scan_tagged_resources *optional*	Whether the current account will be included in scan tags performed by the system or not.	boolean
user *optional*	ID of the owner user.	integer

4.1.4. Produces

- `application/json`

4.2. Create a CPM backup account

```
POST /api/accounts/backup/
```

4.2.1. Description

This endpoint creates a new backup account.

Permissions and Restrictions:
* Any authenticated user with 'allow_account_changes' can create new accounts for himself.
* Root user can also create account for the managed users.
* Only the root user and his delegates can create account with authentication of `IAM Role`.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can create a new account for his original user.
* All users are limited to the maximum number of allowed accounts according to the license.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

4.2.2. Parameters

Type	Name	Schema
Body	**data_accounts_backup_create** *required*	data_accounts_backup_create

data_accounts_backup_create

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
assume_from_account *optional*	Account that will assume the role.	integer

Name	Description	Schema
authentication *required*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string
capture_vpcs *optional*	Whether the current account will be included in capturing VPCs performed by the system or not.	boolean
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
role_name *optional*	Role name, not the full ARN of the role.	string
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< integer > array
scan_resource_types *optional*	Resource types to scan in selected regions. If not set, `all` supported resource types will be scanned.	< integer > array
scan_tagged_resources *optional*	Whether the current account will be included in scan tags performed by the system or not.	boolean
user *required*	ID of the owner user.	integer

4.2.3. Responses

HTTP Code	Description	Schema
201	Created	response_accounts_backup_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_backup_create

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
capture_vpcs *optional*	Whether the current account will be included in capturing VPCs performed by the system or not.	boolean
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

Name	Description	Schema
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< integer > array
scan_resource_types *optional*	Resource types to scan in selected regions. If not set, `all` supported resource types will be scanned.	< integer > array
scan_tagged_resources *optional*	Whether the current account will be included in scan tags performed by the system or not.	boolean
user *optional*	ID of the owner user.	integer

4.2.4. Consumes

- `application/json`

4.2.5. Produces

- `application/json`

4.3. List CPM backup accounts

```
GET /api/accounts/backup/
```

4.3.1. Description

This endpoint returns a list of CPM backup accounts.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own accounts.
* Root user can also get the accounts of the managed users.
* Delegates can get the accounts of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

4.3.2. Parameters

Type	Name	Description	Schema
Query	**name** *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * authentication * name * user	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * Name * AWS access key	string
Query	**user** *optional*	ID of the owner user.	string

4.3.3. Responses

HTTP Code	Description	Schema
200	OK	< response_accounts_backup_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_backup_list

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
capture_vpcs *optional*	Whether the current account will be included in capturing VPCs performed by the system or not.	boolean
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

Name	Description	Schema
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< integer > array
scan_resource_types *optional*	Resource types to scan in selected regions. If not set, `all` supported resource types will be scanned.	< integer > array
scan_tagged_resources *optional*	Whether the current account will be included in scan tags performed by the system or not.	boolean
user *optional*	ID of the owner user.	integer

4.3.4. Produces

- `application/json`

4.4. Retrieve a CPM backup account

```
GET /api/accounts/backup/{id}/
```

4.4.1. Description

This endpoint returns the CPM backup account for the ID passed in the URL path.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own accounts.
* Root user can also get the accounts of the managed users.
* Delegates can get the accounts of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

4.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_accounts_backup_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_accounts_backup_read

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array

Name	Description	Schema
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
capture_vpcs *optional*	Whether the current account will be included in capturing VPCs performed by the system or not.	boolean
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< integer > array
scan_resource_types *optional*	Resource types to scan in selected regions. If not set, `all` supported resource types will be scanned.	< integer > array
scan_tagged_resources *optional*	Whether the current account will be included in scan tags performed by the system or not.	boolean
user *optional*	ID of the owner user.	integer

4.4.4. Produces

- `application/json`

4.5. Update a CPM backup account

```
PUT /api/accounts/backup/{id}/
```

4.5.1. Description

This endpoint updates the backup account for the ID passed in the URL path.

Permissions and Restrictions:
* Cross-account authorization must be enabled in the license.
* Any authenticated user with `allow_account_changes` can update accounts.
* Root user can also update accounts for the managed users.
* Only the root user and his delegates can update accounts with authentication of `IAM Role`.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can update accounts for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

4.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_accounts_backup_update** *required*	data_accounts_backup_update

data_accounts_backup_update

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
assume_from_account *optional*	Account that will assume the role.	integer

Name	Description	Schema
authentication *required*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string
capture_vpcs *optional*	Whether the current account will be included in capturing VPCs performed by the system or not.	boolean
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
role_name *optional*	Role name, not the full ARN of the role.	string
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< integer > array
scan_resource_types *optional*	Resource types to scan in selected regions. If not set, `all` supported resource types will be scanned.	< integer > array
scan_tagged_resources *optional*	Whether the current account will be included in scan tags performed by the system or not.	boolean

4.5.3. Responses

HTTP Code	Description	Schema
200	OK	response_accounts_backup_update
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_accounts_backup_update

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
capture_vpcs *optional*	Whether the current account will be included in capturing VPCs performed by the system or not.	boolean
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

Name	Description	Schema
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< integer > array
scan_resource_types *optional*	Resource types to scan in selected regions. If not set, `all` supported resource types will be scanned.	< integer > array
scan_tagged_resources *optional*	Whether the current account will be included in scan tags performed by the system or not.	boolean
user *optional*	ID of the owner user.	integer

4.5.4. Consumes

- `application/json`

4.5.5. Produces

- `application/json`

4.6. Delete a CPM backup account

```
DELETE /api/accounts/backup/{id}/
```

4.6.1. Description

This endpoint deletes the CPM backup account for the ID passed in the URL path. The snapshots associated with the deleted account will **not be deleted**.

Permissions and Restrictions:
* Any authenticated regular user can delete his own accounts.
* Root user can also delete accounts for the managed users.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can delete the account for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.6.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.6.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

4.7. Check AWS permissions for selected backup account

```
GET /api/accounts/backup/{id}/check_aws_permissions/
```

4.7.1. Description

This endpoint checks AWS permissions for this backup account.

Permissions and Restrictions:
* Any authenticated user can check his account AWS permissions.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

4.7.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.7.3. Responses

HTTP Code	Description	Schema
200	OK	< response_accounts_backup_check_aws_permissions_0 > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_backup_check_aws_permissions_0

Name	Description	Schema
account_name *optional*	Account name for checking AWS permissions.	string
account_number *optional*	Account number for checking AWS permissions.	string
connection *optional*	Connection of the account for checking AWS permissions.	string
groups *optional*	Groups of the account for checking AWS permissions.	< string > array

4.7.4. Produces

- `application/json`

4.8. Download a CSV file containing the checking of AWS permissions for selected backup account

```
GET /api/accounts/backup/{id}/check_aws_permissions/download/
```

4.8.1. Description

This endpoint downloads a CSV file containing the checking AWS permissions for this backup account.

Permissions and Restrictions:
* Any authenticated user can check his account AWS permissions.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

4.8.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.8.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

4.8.4. Produces

- `text/csv`

4.9. Run clone VPC for selected backup account

```
POST /api/accounts/backup/{id}/clone_vpc/
```

4.9.1. Description

This endpoint runs clone VPC for this backup account.

Permissions and Restrictions:
* Any authenticated user with VPC license with permissions to recover can run clone VPC.

> This is async operation and its progress can be tracked using the ID provided in the response.
> See `GET /api/system/tasks/{id}/` for more information.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.6.0`

4.9.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_accounts_backup_clone_vpc** *required*	data_accounts_backup_clone_vpc

data_accounts_backup_clone_vpc

Name	Description	Schema
bucket_name *optional*	Name of an existing S3 bucket on the clone target region.	string
from_vpc *required*	ID of the source VPC.	integer
to_account *required*	Destination account ID for VPC clone operation.	integer
to_region *required*	Destination region for VPC clone operation.	string
to_vpc *required*	Newly cloned VPC name.	string

4.9.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_accounts_backup_clone_vpc
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_backup_clone_vpc

Name	Description	Schema
end_time *optional*	Time the task ended.	string
global_session_id *optional*	Global session ID.	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Task name.	string
process_record_id *optional*	Process recode ID.	string
result *optional*	The result of the task operation.	string
start_time *optional*	Time the task started.	string
status *optional*	Task status. **Allowed Enum Values** * W (Waiting) * P (In Progress) * R (Received Result) * D (Done) * T (Timed Out)	enum (W, P, R, D, T)
type *optional*	Task type.	string

4.9.4. Consumes

- `application/json`

4.9.5. Produces

- `application/json`

4.10. Download logs for the last VPC clone.

```
GET /api/accounts/backup/{id}/clone_vpc_log/
```

4.10.1. Description

This endpoint downloads the logs for the last VPC clone.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

4.10.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*		string
Query	**from_region** *optional*	Source AWS region name.	string
Query	**search** *optional*	Search term to look for in the fields: * Name * AWS access key	string
Query	**to_account** *optional*	Destination account ID.	number
Query	**to_region** *optional*	Destination AWS region name.	string
Query	**to_vpc** *optional*	New VPC name.	string

4.10.3. Responses

HTTP Code	Description	Schema
200	OK	< response_accounts_backup_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_backup_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string
log_type *optional*	Severity of the logging.	string

4.10.4. Produces

- `text/csv`

4.11. Delete all snapshots of a CPM backup account

```
DELETE /api/accounts/backup/{id}/snapshots/
```

4.11.1. Description

This endpoint deletes all snapshots of the CPM backup account whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshots.
* Root user can also delete snapshots for the managed users.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can delete the snapshots for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.11.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.11.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

4.12. Create a CPM DR account

```
POST /api/accounts/dr/
```

4.12.1. Description

This endpoint creates a new DR account.

Permissions and Restrictions:
* Cross-account authorization must be enabled in the license.
* Any authenticated user with 'allow_account_changes' can create new accounts for himself.
* Root user can also create a new account for a managed user.
* Only the root user and his delegates can create a new account with authentication of `IAM Role`.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can create a new account for his original user.
* All users are limited to the maximum number of allowed accounts according to the license.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.12.2. Parameters

Type	Name	Schema
Body	**data_accounts_dr_create** *required*	data_accounts_dr_create

data_accounts_dr_create

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
allow_deleting_snapshots *optional*	Delete snapshots in the `DR` account.	boolean
assume_from_account *optional*	Account that will assume the role.	integer

Name	Description	Schema
authentication *required*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
role_name *optional*	Role name, not the full ARN of the role.	string
user *required*	ID of the owner user.	integer

4.12.3. Responses

HTTP Code	Description	Schema
201	Created	response_accounts_dr_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_dr_create

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
allow_deleting_snapshots *optional*	Delete snapshots in the `DR` account.	boolean
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
use_secured_dr_account *optional*	Whether the current account uses the Secured DR Account abilities.	boolean
user *optional*	ID of the owner user.	integer

4.12.4. Consumes

- `application/json`

4.12.5. Produces

- `application/json`

4.13. List CPM DR accounts

```
GET /api/accounts/dr/
```

4.13.1. Description

This endpoint returns a list of CPM DR accounts.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own accounts.
* Root user can also get the accounts of the managed users.
* Delegates can get the accounts of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.13.2. Parameters

Type	Name	Description	Schema
Query	**name** *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * authentication * name * user	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * Name * AWS access key	string
Query	**user** *optional*	ID of the owner user.	string

4.13.3. Responses

HTTP Code	Description	Schema
200	OK	< response_accounts_dr_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_dr_list

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
allow_deleting_snapshots *optional*	Delete snapshots in the `DR` account.	boolean
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

Name	Description	Schema
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
use_secured_dr_account *optional*	Whether the current account uses the Secured DR Account abilities.	boolean
user *optional*	ID of the owner user.	integer

4.13.4. Produces

- `application/json`

4.14. Retrieve a CPM DR account

```
GET /api/accounts/dr/{id}/
```

4.14.1. Description

This endpoint returns the CPM DR account for the ID passed in the URL path.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own accounts.
* Root user can also get the accounts of the managed users.
* Delegates can get the accounts of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.14.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.14.3. Responses

HTTP Code	Description	Schema
200	OK	response_accounts_dr_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_accounts_dr_read

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
allow_deleting_snapshots *optional*	Delete snapshots in the `DR` account.	boolean

Name	Description	Schema
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
use_secured_dr_account *optional*	Whether the current account uses the Secured DR Account abilities.	boolean
user *optional*	ID of the owner user.	integer

4.14.4. Produces

- `application/json`

4.15. Update a CPM DR account

```
PUT /api/accounts/dr/{id}/
```

4.15.1. Description

This endpoint updates the CPM DR account for the ID passed in the URL path.

Permissions and Restrictions:
* Cross-account authorization must be enabled in the license.
* Any authenticated user with `allow_account_changes` can update his own accounts.
* Root user can also update accounts for the managed users.
* Only the root user and his delegates can update accounts with authentication of `IAM Role`.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can update accounts for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.15.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_accounts_dr_update** *required*	data_accounts_dr_update

data_accounts_dr_update

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
allow_deleting_snapshots *optional*	Delete snapshots in the `DR` account.	boolean
assume_from_account *optional*	Account that will assume the role.	integer

Name	Description	Schema
authentication *required*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
role_name *optional*	Role name, not the full ARN of the role.	string

4.15.3. Responses

HTTP Code	Description	Schema
200	OK	response_accounts_dr_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_accounts_dr_update

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
allow_deleting_snapshots *optional*	Delete snapshots in the `DR` account.	boolean
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
use_secured_dr_account *optional*	Whether the current account uses the Secured DR Account abilities.	boolean
user *optional*	ID of the owner user.	integer

4.15.4. Consumes

- `application/json`

4.15.5. Produces

- `application/json`

4.16. Delete a CPM DR account

```
DELETE /api/accounts/dr/{id}/
```

4.16.1. Description

This endpoint deletes the CPM DR account for the ID passed in the URL path. The snapshots associated with the deleted account will **not be deleted**.

Permissions and Restrictions:
* Any authenticated regular user can delete his own accounts.
* Root user can also delete accounts for the managed users.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can delete the account for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.16.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.16.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

4.17. Check AWS permissions for selected DR account

```
GET /api/accounts/dr/{id}/check_aws_permissions/
```

4.17.1. Description

This endpoint checks AWS permissions for this DR account.

Permissions and Restrictions:
* Any authenticated user can check his DR account AWS permissions.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

4.17.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.17.3. Responses

HTTP Code	Description	Schema
200	OK	< response_accounts_dr_check_aws_permissions_0 > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_accounts_dr_check_aws_permissions_0

Name	Description	Schema
account_name *optional*	Account name for checking AWS permissions.	string
account_number *optional*	Account number for checking AWS permissions.	string
connection *optional*	Connection of the account for checking AWS permissions.	string
groups *optional*	Groups of the account for checking AWS permissions.	< string > array

4.17.4. Produces

- `application/json`

4.18. Download a CSV file containing the checking of AWS permissions for selected DR account

```
GET /api/accounts/dr/{id}/check_aws_permissions/download/
```

4.18.1. Description

This endpoint downloads a CSV file containing the checking of AWS permissions for this DR account.

Permissions and Restrictions:
* Any authenticated user can check his DR account AWS permissions.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

4.18.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.18.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

4.18.4. Produces

- `text/csv`

4.19. Download a CSV format report containing results of the Secured DR Account check for a DR account.

```
GET /api/accounts/dr/{id}/check_secured_dr_account_and_report/
```

4.19.1. Description

This endpoint downloads a CSV file containing the results of Secured DR Account permissions check for a DR account.

Permissions and Restrictions:
* Any authenticated user can download the Secured DR Account report for a DR account.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

4.19.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.19.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

4.19.4. Produces

- `text/csv`

4.20. Retrieve a CPM DR account's vault data

```
GET /api/accounts/dr/{id}/secured_dr_account/
```

4.20.1. Description

This endpoint returns the CPM DR account's vault data for the ID passed in the URL path.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his vault data.
* Root user can also get the vault data of the managed users.
* Delegates can get the DR accounts' vault data of their original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

4.20.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.20.3. Responses

HTTP Code	Description	Schema
200	OK	response_accounts_dr_secured_dr_account_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_accounts_dr_secured_dr_account_read

Name	Description	Schema
check_secured_dr_account_periodically *optional*	Perform a periodical Secured DR Account check for this Account.	boolean

Name	Description	Schema
prohibited_permissions *optional*		< response_accounts_dr_secured_dr_account_read_prohibited_permissions > array
use_secured_dr_account *optional*	Whether the current account uses the Secured DR Account abilities.	boolean

response_accounts_dr_secured_dr_account_read_prohibited_permissions

Name	Description	Schema
active *optional*	Whether the prohibited permission is active or not.	boolean
name *optional*	Name of the prohibited permission.	string

4.20.4. Produces

- `application/json`

4.21. Update vault data of a CPM DR account

```
PUT /api/accounts/dr/{id}/secured_dr_account/
```

4.21.1. Description

This endpoint updates the vault data of a DR account for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user with `allow_account_changes` can update vault data.
* Root user can also update vault data for the managed users.
* Only the root user and his delegates can update vault data with authentication of `IAM Role`.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can update vault data for his original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

4.21.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_accounts_dr_secured_dr_account_update** *required*	data_accounts_dr_secured_dr_account_update

data_accounts_dr_secured_dr_account_update

Name	Description	Schema
check_secured_dr_account_periodically *optional*	Perform a periodical Secured DR Account check for this Account.	boolean
prohibited_permissions *required*		< data_accounts_dr_secured_dr_account_update_prohibited_permissions > array
use_secured_dr_account *optional*	Whether the current account uses the Secured DR Account abilities.	boolean

data_accounts_dr_secured_dr_account_update_prohibited_permissions

Name	Description	Schema
active *required*	Whether the prohibited permission is active or not.	boolean
name *required*	Name of the prohibited permission.	string

4.21.3. Responses

HTTP Code	Description	Schema
200	OK	response_accounts_dr_secured_dr_account_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_accounts_dr_secured_dr_account_update

Name	Description	Schema
check_secured_dr_account_periodically *optional*	Perform a periodical Secured DR Account check for this Account.	boolean
prohibited_permissions *optional*		< response_accounts_dr_secured_dr_account_update_prohibited_permissions > array
use_secured_dr_account *optional*	Whether the current account uses the Secured DR Account abilities.	boolean

response_accounts_dr_secured_dr_account_update_prohibited_permissions

Name	Description	Schema
active *optional*	Whether the prohibited permission is active or not.	boolean
name *optional*	Name of the prohibited permission.	string

4.21.4. Consumes

- `application/json`

4.21.5. Produces

- `application/json`

4.22. Delete all snapshots of a CPM DR account

```
DELETE /api/accounts/dr/{id}/snapshots/
```

4.22.1. Description

This endpoint deletes all snapshots of the CPM DR account whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshots.
* Root user can also delete snapshots for the managed users.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can delete the snapshots for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.22.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.22.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

4.23. Retrieve a CPM account

```
GET /api/accounts/{id}/
```

4.23.1. Description

This endpoint returns the CPM account for the ID passed in the URL path.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own accounts.
* Root user can also get the accounts of the managed users.
* Delegates can get the accounts of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

4.23.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.23.3. Responses

HTTP Code	Description	Schema
200	OK	response_accounts_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_accounts_read

Name	Description	Schema
account_number *optional*	`12-digit` account for target account.	string
associated_repositories *optional*	List of the account`s associated repositories ID's.	< integer > array

Name	Description	Schema
assume_from_account *optional*	Account that will assume the role.	integer
authentication *optional*	CPM supports 3 methods of authentication: `IAM User` - Authentication uses IAM credentials, access and secret keys. `CPM instance IAM Role` - Only the root user or his delegates are allowed to use this IAM Role. `Assume Role` - Requires another AWS account already configured in CPM. In order to use one account to access another, define a cross-account role in the target account and allow access from the first one. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
capture_vpcs *optional*	Whether the current account will be included in capturing VPCs performed by the system or not.	boolean
external_id *optional*	If the cross-account role was created with the 3rd party option, this field is required as an additional identifier.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_dr_account *optional*	Whether the current account is of type DR or regular backup.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
related_policies *optional*	List of the account`s related policies ID's.	< integer > array
role_name *optional*	Role name, not the full ARN of the role.	string
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< integer > array
scan_resource_types *optional*	Resource types to scan in selected regions. If not set, `all` supported resource types will be scanned.	< integer > array
scan_tagged_resources *optional*	Whether the current account will be included in scan tags performed by the system or not.	boolean
user *optional*	ID of the owner user.	integer

4.23.4. Produces

- `application/json`

4.24. Delete a CPM account

```
DELETE /api/accounts/{id}/
```

4.24.1. Description

This endpoint deletes the CPM account for the ID passed in the URL path. The snapshots associated with the deleted account will **not be deleted**.

Permissions and Restrictions:
* Any authenticated regular user can delete his own accounts.
* Root user can also delete accounts for the managed users.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can delete the account for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

4.24.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.24.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

4.25. Delete all snapshots of a CPM account

```
DELETE /api/accounts/{id}/snapshots/
```

4.25.1. Description

This endpoint deletes all snapshots of the CPM account whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshots.
* Root user can also delete snapshots for the managed users.
* Authenticated delegate user with `allow_backup_changes` and with `allow_account_changes` can delete the snapshots for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

4.25.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

4.25.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Chapter 5. Agents

5.1. List CPM agents

```
GET /api/agents/
```

5.1.1. Description

This endpoint returns a list of CPM agents.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own agents.
* Root user can also get the agents of the managed users.
* Delegates can get the agents of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

5.1.2. Parameters

Type	Name	Description	Schema
Query	**aws_instance_id** *optional*	AWS instance ID of the backup agent.	string
Query	**name** *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * aws_instance_id * last_heard_from * name * user	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * name * aws_instance_id	string
Query	**user** *optional*	Username of the user this backup agent is associated with.	string

5.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_agents_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_agents_list

Name	Description	Schema
aws_instance_id *optional*	AWS instance ID of the backup agent.	string
id *optional*	Unique ID of the resource in CPM.	integer
last_heard_from *optional*	Last time this backup agent was connected.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
related_policies *optional*		< string > array
user *optional*	Username of the user this backup agent is associated with.	integer

5.1.4. Produces

- `application/json`

5.2. Configure multiple agents

```
POST /api/agents/configuration/
```

5.2.1. Description

This endpoint configures multiple agents.

Permissions and Restrictions:
* Only the root user can change agents configuration.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

5.2.2. Parameters

Type	Name	Schema
Body	**data_agents_configuration_create** *required*	data_agents_configuration_create

data_agents_configuration_create

Name	Description	Schema
agents_configuration *required*	Configuration string for multiple agents.	string

5.2.3. Responses

HTTP Code	Description	Schema
201	Created	response_agents_configuration_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_agents_configuration_create

Name	Description	Schema
agents_configuration *optional*	Configuration string for multiple agents.	string

5.2.4. Consumes

- `application/json`

5.2.5. Produces

- `application/json`

Chapter 6. Alerts

6.1. Get CPM alerts list

```
GET /api/alerts/
```

6.1.1. Description

This endpoint returns the CPM's alerts.

Permissions and Restrictions:
* Any authenticated user can see his own alerts.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

6.1.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

6.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_alerts_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_alerts_list

Name	Description	Schema
alert_time *optional*	Time of the Current alert.	string
category *optional*	Current alert's category.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
message_body *optional*	Current alert's message.	string
policy *optional*	Current alert's associated policy.	integer
severity *optional*	Current alert's severity. **Allowed Enum Values** * I (Info) * W (Warning) * E (Error) * C (Critical Error)	enum (I, W, E, C)
title *optional*	Current alert's title.	string
user *optional*	Current alert's associated user.	integer

6.1.4. Produces

- `application/json`

6.2. Delete all CPM alerts

```
DELETE /api/alerts/
```

6.2.1. Description

This endpoint deletes all CPM alerts.

Permissions and Restrictions:
* Any authenticated user can delete his own alerts.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

6.2.2. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

6.3. Retrieve a CPM alert

```
GET /api/alerts/{id}/
```

6.3.1. Description

This endpoint returns a specific CPM alert.

Permissions and Restrictions:
* Any authenticated user can retrieve his own alert.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

6.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

6.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_alerts_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_alerts_read

Name	Description	Schema
alert_time *optional*	Time of the Current alert.	string
category *optional*	Current alert's category.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
message_body *optional*	Current alert's message.	string
policy *optional*	Current alert's associated policy.	integer
severity *optional*	Current alert's severity. **Allowed Enum Values** * I (Info) * W (Warning) * E (Error) * C (Critical Error)	enum (I, W, E, C)
title *optional*	Current alert's title.	string
user *optional*	Current alert's associated user.	integer

6.3.4. Produces

- `application/json`

6.4. Delete a CPM alert

```
DELETE /api/alerts/{id}/
```

6.4.1. Description

This endpoint deletes a CPM alert.

Permissions and Restrictions:
* Any authenticated user can delete his own alert.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

6.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

6.4.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Chapter 7. Backups

7.1. List CPM backup records

```
GET /api/backups/
```

7.1.1. Description

This endpoint returns a list of CPM backup records.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own backups.
* Root user can also get the backup records of the managed users.
* Delegates can get the backup records of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

7.1.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this backup is associated with.	string
Query	**dr_status** *optional*	Backup's DR status.	string
Query	**id** *optional*	Unique ID of the resource in CPM.	string
Query	**is_freezer_item** *optional*	Whether this backup item was moved to freezer or not.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * dr_status * end_time * is_freezer_item * policy * s3_copy_status * start_time * status * user	string

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**policy** *optional*	Policy that the backup is associated with.	string
Query	**s3_copy_status** *optional*	Copy to S3 status (license dependent).	string
Query	**search** *optional*	Search term to look for in the fields: * name * description	string
Query	**search_by_aurora** *optional*	Return records of backups which targeted an Aurora cluster with an AWS ID or tag value which includes the given search term	string
Query	**search_by_dynamo_db** *optional*	Return records of backups which targeted a DynamoDB table with a name or tag value which includes the given search term	string
Query	**search_by_efs** *optional*	Return records of backups which targeted an Elastic File System with an AWS ID or tag value which includes the given search term	string
Query	**search_by_fsx** *optional*	Return records of backups which targeted an FSx with an AWS ID or Name-tag value which includes the given search term.	string
Query	**search_by_instance** *optional*	Return records of backups which targeted an instance with an AWS ID or tag value which includes the given search term	string
Query	**search_by_rds** *optional*	Return records of backups which targeted an RDS database with an AWS ID or tag value which includes the given search term	string
Query	**search_by_redshift** *optional*	Return records of backups which targeted a Redshift cluster with an AWS ID which includes the given search term	string
Query	**search_by_s3_sync** *optional*	Return records of backups which targeted an S3 bucket with a name which includes the given search term	string
Query	**search_by_volume** *optional*	Return records of backups which targeted a volume with an AWS ID or tag value which includes the given search term	string
Query	**start_time** *optional*	Backup's start time.	string

Type	Name	Description	Schema
Query	**status** *optional*	Backup's status.	string
Query	**tracker_id** *optional*	Tracker ID of backup record progress.	string
Query	**user** *optional*	ID of the owner user.	string

7.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_list

Name	Description	Schema
account *optional*	ID of the account this backup is associated with.	integer
description *optional*	Description for the resource.	string
dr_account_regions *optional*	Target regions in the DR account to copy to. Can be one or multiple regions.	string
dr_regions *optional*	DR region.	string
dr_status *optional*	Backup's DR status. **Allowed Enum Values** * N (N/A) * P (Pending) * I (In Progress) * S (Skipped) * C (Completed) * F (Failed)	enum (N, P, I, S, C, F)
end_time *optional*	Backup's end time.	string
glacier_archive_status *optional*	Status of the archive to Glacier.	response_backups_list_glacier_archive_status

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
is_freezer_item *optional*	Whether this backup item was moved to freezer or not.	boolean
is_recoverable *optional*	Can this backup be recovered.	boolean
is_retry *optional*	Whether this backup is a retry attempt or not.	boolean
marked_for_deletion *optional*	Whether this backup is marked for deletion or not.	boolean
move_to_freezer_enabled *optional*		boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
performed_quiecse *optional*	Whether quiesce was performed or not.	boolean
policy *optional*	Policy that the backup is associated with.	integer
retry_scheduled *optional*	Whether a retry is scheduled to be performed or not.	boolean
s3_copy_status *optional*	Copy to S3 status (license dependent).	response_backups_list_s3_copy_status
start_time *optional*	Backup's start time.	string
status *optional*	Backup's status. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Backup Successful) * A (Backup Partially Successful) * S (Not All Snapshots Succeeded) * D (All Snapshots Deleted) * F (Backup Failed) * M (Moved to S3 Storage) * G (Moved to S3 Glacier)	enum (I, P, B, A, S, D, F, M, G)
user *optional*	ID of the owner user.	integer

response_backups_list_glacier_archive_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the archive to Glacier.	string
status *optional*	Status of the archive to Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_list_s3_copy_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the copy to S3.	integer
status *optional*	Status of the copy to S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.1.4. Produces

- `application/json`

7.2. Abort an on going backup copy to S3

```
POST /api/backups/{backup_id}/copy_to_s3/abort/
```

7.2.1. Description

This endpoint aborts an on going backup copy to S3.

Permissions and Restrictions:
* Any authenticated user with change backup and copy to S3 permissions can run abort.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

7.2.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string

7.2.3. Responses

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

7.3. List the script logs of the selected backup record

```
GET /api/backups/{backup_id}/script_logs/
```

7.3.1. Description

This endpoint returns a list of script logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

7.3.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

7.3.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_script_logs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_script_logs_list

Name	Description	Schema
log *optional*	Log the output the scripts related to a backup data.	string

Name	Description	Schema
title *optional*	Title of the log.	string

7.3.4. Produces

- `application/json`

7.4. Retrieve a script log of a backup record

```
GET /api/backups/{backup_id}/script_logs/{id}/
```

7.4.1. Description

This endpoint returns the script log of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own script logs of backup record.
* Root user can also get the script logs of backup record of the managed users.
* Delegates can get the script logs of backup record of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

7.4.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_script_logs_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_script_logs_read

Name	Description	Schema
log *optional*	Log the output the scripts related to a backup data.	string
title *optional*	Title of the log.	string

7.4.4. Produces

- `application/json`

7.5. List backup snapshots

```
GET /api/backups/{backup_id}/snapshots/
```

7.5.1. Description

This endpoint returns a list of snapshot records.

Optional `filters` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user and his delegates can also get the snapshots of managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.6.0`

7.5.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string

7.5.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_read > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_read

Name	Description	Schema
account_name *optional*		string
aws_image_id *optional*	Initial AMI ID.	string

Name	Description	Schema
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.5.4. Produces

- `application/json`

7.6. Delete all snapshots of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/
```

7.6.1. Description

This endpoint deletes all snapshots of the backup record whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete all his own snapshots.
* Root user can also delete all snapshots for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete all snapshots for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

7.6.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string

7.6.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.7. List the S3 copies of a backup record

```
GET /api/backups/{backup_id}/snapshots/copy_to_s3/
```

7.7.1. Description

This endpoint returns a list of the S3 copies of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.7.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.7.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_copy_to_s3_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_copy_to_s3_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
archive_status *optional*	Status of snapshot's Archive operation, if performed.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
capacity *optional*	Capacity of the volume (Gib).	integer
deletion_time *optional*	Time of the snapshot's deletion.	string
device *optional*	Device of volume.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
encryption_key_alias *optional*	Alias for the snapshot's encryption key, relevant if encrypted.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string

Name	Description	Schema
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
iops *optional*	Number of IOPS.	integer
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
repository_id *optional*	Repository ID where S3 snapshot is stored.	string
retrieve_expiration *optional*	If archived snapshot was retrieved backup to S3 in order to restrore, this is the retrieved data's expiration date.	string
retrieve_status *optional*	Status of archived snapshot's Retrieve operation, if performed.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	string
tier *optional*	Current snapshot life-cycle tier. **Allowed Enum Values** * S (S3) * A (Archived)	enum (S, A)
type *optional*	Volume type.	string
username *optional*	Associated user's username.	string
zone *optional*	Volume zone.	string

7.7.4. Produces

- `application/json`

7.8. Retrieve a S3 copy of a backup record

```
GET /api/backups/{backup_id}/snapshots/copy_to_s3/{id}/
```

7.8.1. Description

This endpoint returns the S3 copy of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of backup record.
* Root user can also get the snapshots of backup record of the managed users.
* Delegates can get the snapshots of backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.8.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.8.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_copy_to_s3_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_copy_to_s3_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string

Name	Description	Schema
archive_status *optional*	Status of snapshot's Archive operation, if performed.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
capacity *optional*	Capacity of the volume (Gib).	integer
deletion_time *optional*	Time of the snapshot's deletion.	string
device *optional*	Device of volume.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
encryption_key_alias *optional*	Alias for the snapshot's encryption key, relevant if encrypted.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
iops *optional*	Number of IOPS.	integer
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
repository_id *optional*	Repository ID where S3 snapshot is stored.	string
retrieve_expiration *optional*	If archived snapshot was retrieved backup to S3 in order to restrore, this is the retrieved data's expiration date.	string

Name	Description	Schema
retrieve_status *optional*	Status of archived snapshot's Retrieve operation, if performed.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	string
tier *optional*	Current snapshot life-cycle tier. **Allowed Enum Values** * S (S3) * A (Archived)	enum (S, A)
type *optional*	Volume type.	string
username *optional*	Associated user's username.	string
zone *optional*	Volume zone.	string

7.8.4. Produces

- `application/json`

7.9. List Elastic File System (EFS) DR backups of a backup record

```
GET /api/backups/{backup_id}/snapshots/dr_efs/
```

7.9.1. Description

This endpoint returns a list of the EFS DR backups (recovery points) of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own recovery points.
* Root user can also get the recovery points of the managed users.
* Delegates can get the recovery points of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

7.9.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	None	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

Type	Name	Description	Schema
Query	**region** *optional*	Snapshot's region ID.	number
Query	**resource** *optional*	None	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.9.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_dr_efs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_dr_efs_list

Name	Description	Schema
account_id *optional*		integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Elastic File System (EFS) ID	string
backed_up_resource_name *optional*	Time of the snapshot's deletion.	string
backup_iam_role_arn *optional*		string
backup_id *optional*	Backup's ID.	string
backup_vault_name *optional*		string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
expire_time *optional*		string

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
move_to_cold_storage_time *optional*		string
original_kms_key_id *optional*		string
original_snapshot_id *optional*		string
performance_mode *optional*		string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*		string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	AWS Backup recovery point ID	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.9.4. Produces

- `application/json`

7.10. Retrieve an Elastic File System (EFS) DR backup of a backup record

```
GET /api/backups/{backup_id}/snapshots/dr_efs/{id}/
```

7.10.1. Description

This endpoint returns the EFS DR backup (recovery point) of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own recovery points of a backup record.
* Root user can also get the recovery points of a backup record of the managed users.
* Delegates can get the recovery points of a backup record of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

7.10.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.10.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_dr_efs_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_dr_efs_read

Name	Description	Schema
account_id *optional*		integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Elastic File System (EFS) ID	string
backed_up_resource_name *optional*	Time of the snapshot's deletion.	string
backup_iam_role_arn *optional*		string
backup_id *optional*	Backup's ID.	string
backup_vault_name *optional*		string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
expire_time *optional*		string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
move_to_cold_storage_time *optional*		string
original_kms_key_id *optional*		string
original_snapshot_id *optional*		string
performance_mode *optional*		string
policy_name *optional*	Associated policy name.	string

Name	Description	Schema
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*		string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	AWS Backup recovery point ID	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.10.4. Produces

- `application/json`

7.11. Delete an Elastic File System (EFS) DR backup of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/dr_efs/{id}/
```

7.11.1. Description

This endpoint deletes the EFS DR backup (recovery point) of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own recovery point of a backup record.
* Root user can also delete a recovery point of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the recovery point of a backup record for his original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

7.11.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.11.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.12. Recover Elastic File System (EFS) from DR backup

```
POST /api/backups/{backup_id}/snapshots/dr_efs/{snapshot_record_id}/recover/
```

7.12.1. Description

This endpoint recovers Elastic File System (EFS) of a DR backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on successful backup that wasn't deleted.
* Any authenticated user can recover his own backups.
* Root user can also recover the backups of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the backups for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/dr_efs/`

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

7.12.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_dr_efs_recover_create** *required*	data_backups_snapshots_dr_efs_recover_create

data_backups_snapshots_dr_efs_recover_create

Name	Description	Schema
credentials *optional*		data_backups_snapshots_dr_efs_recover_create_credentials
encryption_key *optional*	Encryption key ARN (relevant when recovering to new EFS)	string

Name	Description	Schema
iam_role_arn *optional*	Recovery IAM role ARN	string
performance_mode *optional*	Performance mode option (relevant when recovering to new EFS) **Allowed Enum Values** * generalPurpose (General Purpose) * maxIO (Max I/O)	enum (generalPurpose, maxIO)
preserve_tags *optional*	Whether to associate the same tags to the recovered EFS (relevant when recovering to new EFS)	boolean
target_efs *optional*	Recovery target - new Elastic File System (EFS) or original **Allowed Enum Values** * N (New) * O (Original)	enum (N, O)

data_backups_snapshots_dr_efs_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.12.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_dr_efs_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_dr_efs_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer

Name	Description	Schema
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_dr_efs_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string

Name	Description	Schema
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_dr_efs_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_dr_efs_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_dr_efs_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.12.4. Consumes

- `application/json`

7.12.5. Produces

- `application/json`

7.13. List the DR `Initial AMI` snapshots of a given backup record

```
GET /api/backups/{backup_id}/snapshots/dr_initial_amis/
```

7.13.1. Description

This endpoint returns a list of the DR `Initial AMI` snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own AMIs.
* Root user can also get the AMIs of the managed users.
* Delegates can get the AMIs of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

7.13.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**resource** *optional*	A full or partial resource ID to search by.	string

7.13.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_dr_initial_amis_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_dr_initial_amis_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*		string
aws_image_id *optional*	Initial AMI ID.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_image_id *optional*	Initial AMI ID.	string
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.13.4. Produces

- `application/json`

7.14. Retrieve a DR `Initial AMI` snapshot of a given backup record

```
GET /api/backups/{backup_id}/snapshots/dr_initial_amis/{id}/
```

7.14.1. Description

This endpoint returns the DR `Intial AMI` snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own AMIs.
* Root user can also get the AMIs of the managed users.
* Delegates can get the AMIs of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

7.14.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.14.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_dr_initial_amis_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_dr_initial_amis_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer

Name	Description	Schema
account_name *optional*		string
aws_image_id *optional*	Initial AMI ID.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_image_id *optional*	Initial AMI ID.	string
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.14.4. Produces

- `application/json`

7.15. Delete the `Initial AMI` snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/dr_initial_amis/{id}/
```

7.15.1. Description

This endpoint deletes the `Initial AMI` snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own AMI.
* Root user can also delete AMI for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the AMI for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.15.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.15.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.16. List the DR RDS cluster snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/dr_rds_clusters/
```

7.16.1. Description

This endpoint returns a list of the DR RDS cluster snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.16.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number

Type	Name	Description	Schema
Query	**resource** *optional*	A full or partial resource ID to search by.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.16.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_dr_rds_clusters_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_dr_rds_clusters_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
cluster_id *optional*	AWS cluster ID.	string
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
dr_account *optional*	ID of DR Account.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
original_snapshot_id *optional*	ID of original snapshot.	string
policy_name *optional*	Associated policy name.	string
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
subnet_group_name *optional*	Name of AWS subnet group.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Availability zone of the resource.	string

7.16.4. Produces

- `application/json`

7.17. Retrieve a DR RDS cluster snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/dr_rds_clusters/{id}/
```

7.17.1. Description

This endpoint returns the DR RDS cluster snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of a backup record.
* Root user can also get the snapshots of a backup record of the managed users.
* Delegates can get the snapshots of a backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.17.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.17.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_dr_rds_clusters_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_dr_rds_clusters_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer

Name	Description	Schema
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
cluster_id *optional*	AWS cluster ID.	string
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
dr_account *optional*	ID of DR Account.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
original_snapshot_id *optional*	ID of original snapshot.	string
policy_name *optional*	Associated policy name.	string
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer

Name	Description	Schema
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
subnet_group_name *optional*	Name of AWS subnet group.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Availability zone of the resource.	string

7.17.4. Produces

- `application/json`

7.18. Delete a DR RDS cluster snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/dr_rds_clusters/{id}/
```

7.18.1. Description

This endpoint deletes the DR RDS cluster snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshot of a backup record.
* Root user can also delete a snapshot of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the snapshot of a backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.18.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.18.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.19. Recover DR RDS cluster from backup

```
POST /api/backups/{backup_id}/snapshots/dr_rds_clusters/{snapshot_record_id}/recover/
```

7.19.1. Description

This endpoint recovers the DR RDS cluster of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on a successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/dr_rds_clusters/`

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.19.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_dr_rds_clusters_recover_create** *required*	data_backups_snapshots_dr_rds_clusters_recover_create

data_backups_snapshots_dr_rds_clusters_recover_create

Name	Description	Schema
aws_dbinstance_id *required*	New unique identifier of the restored RDS DB instance resource.	string
aws_resource_id *required*	New unique identifier of the restored resource.	string

Name	Description	Schema
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_dr_rds_clusters_recover_create_credentials
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
instance_type *optional*	Contains the compute and memory capacity of the DB Instance.	string
subnet_group_name *optional*	Name of the subnet group where the resource will be restored.	string
to_account *optional*	Restore to account.	string
zone *optional*	Availability zone of the resource.	string

data_backups_snapshots_dr_rds_clusters_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.19.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_dr_rds_clusters_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_dr_rds_clusters_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer

Name	Description	Schema
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_drs_rds_clusters_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string

Name	Description	Schema
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_dr_rds_clusters_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_dr_rds_clusters_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_dr_rds_clusters_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.19.4. Consumes

- `application/json`

7.19.5. Produces

- `application/json`

7.20. List the DR RDS snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/dr_rds_databases/
```

7.20.1. Description

This endpoint returns a list of the DR RDS snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.20.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number
Query	**resource** *optional*	A full or partial resource ID to search by.	string

Type	Name	Description	Schema
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.20.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_dr_rds_databases_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_dr_rds_databases_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
dr_account *optional*	ID of DR Account.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string

Name	Description	Schema
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
original_snapshot_id *optional*	ID of original snapshot.	string
policy_name *optional*	Associated policy name.	string
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*		string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
storage_type *optional*	Storage type.	string
subnet_group_name *optional*	Name of AWS subnet group.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Availability zone of the resource.	string

7.20.4. Produces

- `application/json`

7.21. Retrieve a DR RDS snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/dr_rds_databases/{id}/
```

7.21.1. Description

This endpoint returns the DR RDS snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of a backup record.
* Root user can also get the snapshots of a backup record of the managed users.
* Delegates can get the snapshots of a backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.21.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.21.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_dr_rds_databases_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_dr_rds_databases_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string

Name	Description	Schema
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
dr_account *optional*	ID of DR Account.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
original_snapshot_id *optional*	ID of original snapshot.	string
policy_name *optional*	Associated policy name.	string
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer

Name	Description	Schema
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*		string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
storage_type *optional*	Storage type.	string
subnet_group_name *optional*	Name of AWS subnet group.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Availability zone of the resource.	string

7.21.4. Produces

- `application/json`

7.22. Delete a DR RDS snapshot of backup record

```
DELETE /api/backups/{backup_id}/snapshots/dr_rds_databases/{id}/
```

7.22.1. Description

This endpoint deletes the DR RDS snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshot of a backup record.
* Root user can also delete a snapshot of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the snapshot of a backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.22.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.22.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.23. Recover DR RDS databases from backup

```
POST /api/backups/{backup_id}/snapshots/dr_rds_databases/{snapshot_record_id}/recover/
```

7.23.1. Description

This endpoint recovers the DR RDS databases of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on a successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/dr_rds_databases/`

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.23.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_dr_rds_databases_recover_create** *required*	data_backups_snapshots_dr_rds_databases_recover_create

data_backups_snapshots_dr_rds_databases_recover_create

Name	Description	Schema
aws_resource_id *required*	New unique identifier of the restored resource.	string
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_dr_rds_databases_recover_create_credentials

Name	Description	Schema
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
storage_type *optional*	Storage type. If type is not 'io1' or 'io2', iops = 0 **Allowed Enum Values** * standard (Magnetic) * io1 (Provisioned IOPS SSD (io1)) * io2 (Provisioned IOPS SSD (io2)) * gp2 (General Purpose SSD)	enum (standard, io1, io2, gp2)
subnet_group_name *optional*	Name of the subnet group where the resource will be restored.	string
to_account *optional*	Restore to account.	string
zone *optional*	Availability zone of the resource.	string

data_backups_snapshots_dr_rds_databases_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.23.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_dr_rds_databases_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
412	Precondition Failed	No Content

response_backups_snapshots_dr_rds_databases_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_dr_rds_databases_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer

Name	Description	Schema
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_dr_rds_databases_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_dr_rds_databases_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_dr_rds_databases_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.23.4. Consumes

- `application/json`

7.23.5. Produces

- `application/json`

7.24. List the DR volume snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/dr_volumes/
```

7.24.1. Description

This endpoint returns a list of DR volume snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.24.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number
Query	**resource** *optional*	A full or partial resource ID to search by.	string

Type	Name	Description	Schema
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.24.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_dr_volumes_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_dr_volumes_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
capacity *optional*		integer
deletion_time *optional*	Time of the snapshot's deletion.	string
device *optional*		string
dr_account *optional*		string
encrypted *optional*		boolean
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
iops *optional*		integer
original_snap *optional*		string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
type *optional*		string
username *optional*	Associated user's username.	string
zone *optional*		string

7.24.4. Produces

- `application/json`

7.25. Retrieve a DR volume snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/dr_volumes/{id}/
```

7.25.1. Description

This endpoint returns the DR volume snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of a backup record.
* Root user can also get the snapshots of a backup record of the managed users.
* Delegates can get the snapshots of a backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.25.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.25.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_dr_volumes_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_dr_volumes_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string

Name	Description	Schema
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
capacity *optional*		integer
deletion_time *optional*	Time of the snapshot's deletion.	string
device *optional*		string
dr_account *optional*		string
encrypted *optional*		boolean
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
iops *optional*		integer
original_snap *optional*		string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string

Name	Description	Schema
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
type *optional*		string
username *optional*	Associated user's username.	string
zone *optional*		string

7.25.4. Produces

- `application/json`

7.26. Delete a DR volume snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/dr_volumes/{id}/
```

7.26.1. Description

This endpoint deletes the DR volume snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshot of a backup record.
* Root user can also delete snapshot of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the snapshot of a backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.26.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.26.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.27. Recover DR volume from backup

```
POST /api/backups/{backup_id}/snapshots/dr_volumes/{snapshot_record_id}/recover/
```

7.27.1. Description

This endpoint recovers the DR volume of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recover is possible on successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/dr_volumes/`

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

7.27.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_dr_volumes_recover_create** *required*	data_backups_snapshots_dr_volumes_recover_create

data_backups_snapshots_dr_volumes_recover_create

Name	Description	Schema
attach_behaviour *optional*	**Allowed Enum Values** * attach_free (Attach only if Device is Free.) * switch_no_delete (Switch Attached Volumes.) * switch_and_delete (Switch Attached Volumes and Delete Old Ones.)	enum (attach_free, switch_no_delete, switch_and_delete)

Name	Description	Schema
attach_to *optional*	AWS instance ID to attach the newly recovered volume.	string
aws_resource_type *optional*	Type of the EBS volume.	string
capacity *optional*	Capacity of a volume.	integer
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_dr_volumes_recover_create_credentials
device *optional*	Which device it will be attached as. This is only used if you choose to automatically attach the recovered volume to an instance.	string
iops *optional*	Number of IOPS.	integer
preserve_tags *optional*	Whether to associate the same tags (like the volume's name) to the recovered volume. Default is true.	boolean
to_account *optional*	Restore to account.	integer
zone *optional*	Availability zone of the resource.	string

data_backups_snapshots_dr_volumes_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.27.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_dr_volumes_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_dr_volumes_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_dr_volumes_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string

Name	Description	Schema
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_dr_volumes_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_dr_volumes_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_dr_volumes_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.27.4. Consumes

- `application/json`

7.27.5. Produces

- `application/json`

7.28. List the DynamoDB table snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/dynamodb_tables/
```

7.28.1. Description

This endpoint returns a list of the DynamoDB table snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.28.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

Type	Name	Description	Schema
Query	**region** *optional*	Snapshot's region ID.	string
Query	**resource** *optional*	A full or partial resource ID to search by.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string
Query	**user** *optional*	ID of the owner user.	string

7.28.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_dynamodb_tables_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_dynamodb_tables_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string

Name	Description	Schema
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.28.4. Produces

- `application/json`

7.29. Retrieve a DynamoDB table snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/dynamodb_tables/{id}/
```

7.29.1. Description

This endpoint returns the DynamoDB table snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of a backup record.
* Root user can also get the snapshots of a backup record of the managed users.
* Delegates can get the snapshots of a backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.29.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.29.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_dynamodb_tables_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_dynamodb_tables_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string

Name	Description	Schema
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.29.4. Produces

- `application/json`

7.30. Delete a DynamoDB table snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/dynamodb_tables/{id}/
```

7.30.1. Description

This endpoint deletes the DynamoDB table snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshot of a backup record.
* Root user can also delete a snapshot of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the snapshot of a backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.30.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.30.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.31. Recover DynamoDB table from backup

```
POST /api/backups/{backup_id}/snapshots/dynamodb_tables/{snapshot_record_id}/recover/
```

7.31.1. Description

This endpoint recovers the DynamoDB table of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/dynamodb_tables/`

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.31.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_dynamodb_tables_recover_create** *required*	data_backups_snapshots_dynamodb_tables_recover_create

data_backups_snapshots_dynamodb_tables_recover_create

Name	Description	Schema
aws_resource_name *required*	New resource name of the restored resource.	string
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_dynamodb_tables_recover_create_credentials

data_backups_snapshots_dynamodb_tables_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.31.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_dynamodb_tables_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_dynamodb_tables_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_dynamodb_tables_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string

Name	Description	Schema
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_dynamodb_tables_recover_create_s3_recover_status

Name	Description	Schema
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_dynamodb_tables_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_dynamodb_tables_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array

Name	Description	Schema
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.31.4. Consumes

- `application/json`

7.31.5. Produces

- `application/json`

7.32. List Elastic File System (EFS) backups of a backup record

```
GET /api/backups/{backup_id}/snapshots/efs/
```

7.32.1. Description

This endpoint returns a list of the EFS backups (recovery points) of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own recovery points.
* Root user can also get the recovery points of the managed users.
* Delegates can get the recovery points of their original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.4.0`

7.32.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

Type	Name	Description	Schema
Query	**region** *optional*	Snapshot's region ID.	number
Query	**resource** *optional*	A full or partial resource ID to search by.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string
Query	**user** *optional*	ID of the owner user.	string

7.32.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_efs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_efs_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Elastic File System (EFS) ID	string
backed_up_resource_name *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
backup_iam_role_arn *optional*	Backup IAM role ARN	string
backup_id *optional*	Backup's ID.	string
backup_vault_name *optional*	AWS Backup vault name	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string

Name	Description	Schema
expire_time *optional*	AWS Backup recovery point expiration time (if defined)	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
move_to_cold_storage_time *optional*	AWS Backup recovery point transition to cold storage time (if defined)	string
original_kms_key_id *optional*	Backed-up Elastic File System's encryption key ID	string
performance_mode *optional*	Performance mode option	string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	AWS Backup recovery point ID	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.32.4. Produces

- `application/json`

7.33. Retrieve an Elastic File System (EFS) backup of a backup record

```
GET /api/backups/{backup_id}/snapshots/efs/{id}/
```

7.33.1. Description

This endpoint returns the EFS backup (recovery point) of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own recovery points of a backup record.
* Root user can also get the recovery points of a backup record of the managed users.
* Delegates can get the recovery points of a backup record of their original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.4.0`

7.33.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.33.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_efs_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_efs_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Elastic File System (EFS) ID	string
backed_up_resource_name *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
backup_iam_role_arn *optional*	Backup IAM role ARN	string
backup_id *optional*	Backup's ID.	string
backup_vault_name *optional*	AWS Backup vault name	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
expire_time *optional*	AWS Backup recovery point expiration time (if defined)	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
move_to_cold_storage_time *optional*	AWS Backup recovery point transition to cold storage time (if defined)	string
original_kms_key_id *optional*	Backed-up Elastic File System's encryption key ID	string
performance_mode *optional*	Performance mode option	string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string

Name	Description	Schema
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	AWS Backup recovery point ID	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.33.4. Produces

- `application/json`

7.34. Delete an Elastic File System (EFS) backup of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/efs/{id}/
```

7.34.1. Description

This endpoint deletes the EFS backup (recovery point) of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own recovery point of a backup record.
* Root user can also delete a recovery point of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the recovery point of a backup record for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

7.34.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.34.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.35. Recover Elastic File System (EFS) from backup

```
POST /api/backups/{backup_id}/snapshots/efs/{snapshot_record_id}/recover/
```

7.35.1. Description

This endpoint recovers Elastic File System (EFS) of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on successful backup that wasn't deleted.
* Any authenticated user can recover his own backups.
* Root user can also recover the backups of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the backups for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/efs/`

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.4.0`

7.35.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_efs_recover_create** *required*	data_backups_snapshots_efs_recover_create

data_backups_snapshots_efs_recover_create

Name	Description	Schema
credentials *optional*		data_backups_snapshots_efs_recover_create_credentials
encryption_key *optional*	Encryption key ARN (relevant when recovering to new EFS)	string

Name	Description	Schema
iam_role_arn *optional*	Recovery IAM role ARN	string
performance_mode *optional*	Performance mode option (relevant when recovering to new EFS) **Allowed Enum Values** * generalPurpose (General Purpose) * maxIO (Max I/O)	enum (generalPurpose, maxIO)
preserve_tags *optional*	Whether to associate the same tags to the recovered EFS (relevant when recovering to new EFS)	boolean
target_efs *optional*	Recovery target - new Elastic File System (EFS) or original **Allowed Enum Values** * N (New) * O (Original)	enum (N, O)

data_backups_snapshots_efs_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.35.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_efs_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_efs_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer

Name	Description	Schema
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_efs_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string

Name	Description	Schema
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_efs_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_efs_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_efs_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.35.4. Consumes

- `application/json`

7.35.5. Produces

- `application/json`

7.36. List (Windows or Lustre) File System (FSx) backups of a backup record

```
GET /api/backups/{backup_id}/snapshots/fsxs/
```

7.36.1. Description

This endpoint returns a list of the FSx backups of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own FSx backups.
* Root user can also get the FSx backups of the managed users.
* Delegates can get the FSx backups of their original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

7.36.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**file_system_type** *optional*	FSx file system type ('LUSTRE' or 'WINDOWS').	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer

Type	Name	Description	Schema
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number
Query	**resource** *optional*	A full or partial resource ID to search by.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string
Query	**user** *optional*	ID of the owner user.	string

7.36.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_fsxs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_fsxs_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
active_directory_id *optional*	Active Directory Id.	string
aws_account_number *optional*	Associated account's AWS account number.	string
aws_security_group_ids *optional*		< string > array
aws_subnet_ids *optional*		< string > array
aws_vpc_id *optional*	VPC Id of the networking entities.	string
backed_up_resource_id *optional*	File System (Windows or Lustre) (FSX) ID.	string
backed_up_resource_name *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string

Name	Description	Schema
backup_id *optional*	Backup's ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
deployment_type *optional*	FSx deployment type.	string
end_time *optional*	Snapshot's end time.	string
file_system_type *optional*	FSx file system type ('LUSTRE' or 'WINDOWS').	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
original_kms_key_id *optional*		string
policy_name *optional*	Associated policy name.	string
preferred_subnet_id *optional*	Preferred subnet Id.	string
region *optional*	Snapshot's region ID.	string
self_managed_admin_group *optional*	File system administrators group.	string
self_managed_domain_name *optional*	Domain nane.	string
self_managed_ip_addresses *optional*	List of DNS IPs.	< string > array
self_managed_user_name *optional*	User name.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string

Name	Description	Schema
snapshot_id *optional*	AWS FSx Backup ID	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
storage_type *optional*		string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.36.4. Produces

- `application/json`

7.37. Retrieve an (Windows or Lustre) File System (FSx) backup of a backup record

```
GET /api/backups/{backup_id}/snapshots/fsxs/{id}/
```

7.37.1. Description

This endpoint returns the FSx backup of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own FSx backups of a backup record.
* Root user can also get the FSx backups of a backup record of the managed users.
* Delegates can get the FSx backups of a backup record of their original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

7.37.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.37.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_fsxs_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_fsxs_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer

Name	Description	Schema
account_name *optional*	Associated account name.	string
active_directory_id *optional*	Active Directory Id.	string
aws_account_number *optional*	Associated account's AWS account number.	string
aws_security_group_ids *optional*		< string > array
aws_subnet_ids *optional*		< string > array
aws_vpc_id *optional*	VPC Id of the networking entities.	string
backed_up_resource_id *optional*	File System (Windows or Lustre) (FSX) ID.	string
backed_up_resource_name *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
backup_id *optional*	Backup's ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
deployment_type *optional*	FSx deployment type.	string
end_time *optional*	Snapshot's end time.	string
file_system_type *optional*	FSx file system type ('LUSTRE' or 'WINDOWS').	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
original_kms_key_id *optional*		string
policy_name *optional*	Associated policy name.	string
preferred_subnet_id *optional*	Preferred subnet Id.	string

Name	Description	Schema
region *optional*	Snapshot's region ID.	string
self_managed_admin_group *optional*	File system administrators group.	string
self_managed_domain_name *optional*	Domain nane.	string
self_managed_ip_addresses *optional*	List of DNS IPs.	< string > array
self_managed_user_name *optional*	User name.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	AWS FSx Backup ID	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
storage_type *optional*		string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.37.4. Produces

- `application/json`

7.38. Delete an (Windows or Lustre) File System (FSx) backup of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/fsxs/{id}/
```

7.38.1. Description

This endpoint deletes the FSx backup of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own FSx backup of a backup record.
* Root user can also delete a FSx backup of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the FSx backup of a backup record for his original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

7.38.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.38.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.39. Recover File System (Windows or Lustre) (FSx) from backup

```
POST /api/backups/{backup_id}/snapshots/fsxs/{snapshot_record_id}/recover/
```

7.39.1. Description

This endpoint recovers File System (Windows or Lustre) (FSx) of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on successful backup that wasn't deleted.
* Any authenticated user can recover his own backups.
* Root user can also recover the backups of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the backups for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/fsxs/`

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

7.39.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_fsxs_recover_create** *required*	data_backups_snapshots_fsxs_recover_create

data_backups_snapshots_fsxs_recover_create

Name	Description	Schema
active_directory_id *optional*	For Windows - Active Directory Id value for recovered FSx, default as the original FSx.	string
aws_security_group_ids *optional*	Security groups to configure the recovered FSx, default as the original FSx.	< string > array

Name	Description	Schema
aws_subnet_ids *optional*	Subnets to configure the recovered FSx, default as the original FSx.	< string > array
credentials *optional*		data_backups_snapshots_fsxs_recover_create_credentials
preferred_subnet_id *optional*	For Windows - Preferred subnet ID for recovered FSx, default as the original FSx.	string
self_managed_ad *optional*	For Windows - self managed Active Directory configuration parameters.	data_backups_snapshots_fsxs_recover_create_self_managed_ad

data_backups_snapshots_fsxs_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS secret key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

data_backups_snapshots_fsxs_recover_create_self_managed_ad

Name	Description	Schema
admin_group *optional*	For Windows - File system administrators group.	string
domain_name *optional*	For Windows - Domain nane.	string
ip_addresses *required*	For Windows - List of DNS IPs.	< string > array
password *optional*	For Windows - Self managed Active Directory password.	string
user_name *optional*	For Windows - User name.	string

7.39.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_fsxs_recover_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_fsxs_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_fsxs_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer

Name	Description	Schema
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_fsxs_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_fsxs_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_fsxs_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.39.4. Consumes

- `application/json`

7.39.5. Produces

- `application/json`

7.40. List the `Initial AMI` snapshots of a given backup record

```
GET /api/backups/{backup_id}/snapshots/initial_amis/
```

7.40.1. Description

This endpoint returns a list of 'Initial AMI' snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own AMIs.
* Root user can also get the AMIs of the managed users.
* Delegates can get the AMIs of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.40.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**resource** *optional*	A full or partial resource ID to search by.	string

7.40.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_initial_amis_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_initial_amis_list

Name	Description	Schema
account_name *optional*		string
aws_image_id *optional*	Initial AMI ID.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.40.4. Produces

- `application/json`

7.41. Retrieve the `Initial AMI` snapshots of a given backup record

```
GET /api/backups/{backup_id}/snapshots/initial_amis/{id}/
```

7.41.1. Description

This endpoint returns the 'Initial AMI' snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own AMIs.
* Root user can also get the AMIs of the managed users.
* Delegates can get the AMIs of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.41.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.41.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_initial_amis_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_initial_amis_read

Name	Description	Schema
account_name *optional*		string

Name	Description	Schema
aws_image_id *optional*	Initial AMI ID.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.41.4. Produces

- `application/json`

7.42. Delete the `Initial AMI` snapshots of a given backup record

```
DELETE /api/backups/{backup_id}/snapshots/initial_amis/{id}/
```

7.42.1. Description

This endpoint deletes the `Initial AMI` snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own AMI.
* Root user can also delete AMI for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the AMI for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.42.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.42.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.43. List all instances of a backup record

```
GET /api/backups/{backup_id}/snapshots/instances/
```

7.43.1. Description

This endpoint returns a list of instances of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own instances.
* Root user can also get the instances of the managed users.
* Delegates can get the instances of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

7.43.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**resource** *optional*	A full or partial resource ID to search by.	string

7.43.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_instances_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_instances_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
aws_architecture *optional*	Instance's AWS architecture.	string
aws_disable_api_termination *optional*	States whether terminating the instance by API is enabled or not. The default value will be as the backed-up instance.	boolean
aws_image_id *optional*	Initial AMI ID.	string
aws_instance_type *optional*	Instance's AWS type.	string
aws_ip_address *optional*	Instance's IP address.	string
aws_kernel_id *optional*	Will hold the kernel id of the backed-up instance.	string
aws_key_name *optional*	Instance's AWS key name.	string
aws_monitored *optional*	Is True if monitoring should be allowed for the new instance. The default will be the value in the backed-up instance.	boolean
aws_ram_disk_id *optional*	Will hold the RAM Disk id of the backed-up instance.	string
aws_root_device *optional*	Instance's root device.	string
aws_security_groups *optional*	Instance's AWS security groups.	< string > array
aws_shutdown_behaviour *optional*	By default it will have the value of the original instance. If the recovered instance is instance-store-based, this option is not used	string
aws_subnet_id *optional*	Instance's subnet ID.	string
aws_user_data *optional*	The text of the user data. Special encoding or using a file as the source is not currently supported from within CPM.	string
aws_virtualization_type *optional*	AWS virtualization type.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
backed_up_resource_name *optional*	Instance's AWS name.	string

Name	Description	Schema
ebs_optimized *optional*	Is True to launch an EBS Optimized instance. The default will be the value from the backed-up instance.	boolean
ena_support *optional*	ENA option for this instance.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
instance_profile_arn *optional*	The ARN of the instance role (IAM Role) for the instance.The default will be the instance role of the backed-up instance, if it had one.	string
is_root_device_ebs *optional*	States whether instance's root device is based on EBS.	boolean
platform *optional*	Instance's platform.	string
region *optional*	Snapshot's DR region.	string
tenancy *optional*	Tenancy option for this instance.	string

7.43.4. Produces

- `application/json`

7.44. Retrieve an instance of a backup record

```
GET /api/backups/{backup_id}/snapshots/instances/{id}/
```

7.44.1. Description

This endpoint returns the instance of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own instance.
* Root user can also get the instance of the managed users.
* Delegates can get the instance of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

7.44.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.44.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_instances_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_instances_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
aws_architecture *optional*	Instance's AWS architecture.	string

Name	Description	Schema
aws_disable_api_termination *optional*	States whether terminating the instance by API is enabled or not. The default value will be as the backed-up instance.	boolean
aws_image_id *optional*	Initial AMI ID.	string
aws_instance_type *optional*	Instance's AWS type.	string
aws_ip_address *optional*	Instance's IP address.	string
aws_kernel_id *optional*	Will hold the kernel id of the backed-up instance.	string
aws_key_name *optional*	Instance's AWS key name.	string
aws_monitored *optional*	Is True if monitoring should be allowed for the new instance. The default will be the value in the backed-up instance.	boolean
aws_ram_disk_id *optional*	Will hold the RAM Disk id of the backed-up instance.	string
aws_root_device *optional*	Instance's root device.	string
aws_security_groups *optional*	Instance's AWS security groups.	< string > array
aws_shutdown_behaviour *optional*	By default it will have the value of the original instance. If the recovered instance is instance-store-based, this option is not used	string
aws_subnet_id *optional*	Instance's subnet ID.	string
aws_user_data *optional*	The text of the user data. Special encoding or using a file as the source is not currently supported from within CPM.	string
aws_virtualization_type *optional*	AWS virtualization type.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
backed_up_resource_name *optional*	Instance's AWS name.	string
ebs_optimized *optional*	Is True to launch an EBS Optimized instance. The default will be the value from the backed-up instance.	boolean

Name	Description	Schema
ena_support *optional*	ENA option for this instance.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
instance_profile_arn *optional*	The ARN of the instance role (IAM Role) for the instance.The default will be the instance role of the backed-up instance, if it had one.	string
is_root_device_ebs *optional*	States whether instance's root device is based on EBS.	boolean
platform *optional*	Instance's platform.	string
region *optional*	Snapshot's DR region.	string
tenancy *optional*	Tenancy option for this instance.	string

7.44.4. Produces

- `application/json`

7.45. Return AMI of instance of a backup record

```
GET /api/backups/{backup_id}/snapshots/instances/{snapshot_id}/ami/
```

7.45.1. Description

This endpoint returns AMI of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own instance's AMI.
* Root user can also get the instance's AMI of the managed users.
* Delegates can get the instance's AMI of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

7.45.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Path	**snapshot_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

7.45.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_instances_ami_list > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_instances_ami_list

Name	Description	Schema
aws_hypervisor *optional*	Instance's AMI AWS hypervisor.	string
aws_image_id *optional*	Instance's AMI AWS image ID.	string
aws_owner_alias *optional*	Instance's AMI AWS owner alias.	string
aws_owner_id *optional*	Instance's AMI AWS owner ID.	string
aws_region *optional*	Instance's AMI AWS region.	string
aws_virtualization_type *optional*	Instance's AMI AWS virtualization type.	string
description *optional*	Description for the resource.	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
root_device_name *optional*	Instance's AMI name of root device.	string
root_device_type *optional*	Instance's AMI type of root device.	string

7.45.4. Produces

- `application/json`

7.46. List AWS additional nics for instance

```
GET /api/backups/{backup_id}/snapshots/instances/{snapshot_id}/aws_additional_nics/
```

7.46.1. Description

This endpoint returns a list of additional nics for this AWS resource.

Permissions and Restrictions:
* Any authenticated user can get his own instance's additional nics.
* Root user can also get the instance's additional nics of the managed users.
* Delegates can get the instance's additional nics of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

7.46.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Path	**snapshot_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

7.46.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_instances_aws_additional_nics_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_instances_aws_additional_nics_list

Name	Description	Schema
display_name *optional*	Display name of the resource.	string
id *optional*	Unique ID of the resource.	string

7.46.4. Produces

- `application/json`

7.47. Return similar AMI of instance of a backup record

```
GET /api/backups/{backup_id}/snapshots/instances/{snapshot_id}/find_similar_ami/
```

7.47.1. Description

This endpoint returns similar AMI of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own instance's similar AMI.
* Root user can also get the instance's similar AMI of the managed users.
* Delegates can get the instance's similar AMI of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

7.47.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Path	**snapshot_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**aws_region** *optional*	Instance's AMI AWS region.	string
Query	**exact_match** *optional*	Instance's AMI exact match filter.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

7.47.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_instances_find_similar_ami_list > array

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_instances_find_similar_ami_list

Name	Description	Schema
aws_hypervisor *optional*	Instance's AMI AWS hypervisor.	string
aws_image_id *optional*	Instance's AMI AWS image ID.	string
aws_region *optional*	Instance's AMI AWS region.	string
aws_virtualization_type *optional*	Instance's AMI AWS virtualization type.	string
description *optional*	Description for the resource.	string
kernel_id *optional*	Instance's AMI kernel ID.	string
match_type *optional*	**Allowed Enum Values** * E (Exact Match) * N (Same Name) * D (Same Description) * A (Similar Name) * S (Similar Description) * C (Same Name and Description)	enum (E, N, D, A, S, C)
name *optional*	Name of the resource.	string
ramdisk_id *optional*	Instance's AMI ramdisk ID.	string
root_device_name *optional*	Instance's AMI name of root device.	string
root_device_type *optional*	Instance's AMI type of root device.	string

7.47.4. Produces

- `application/json`

7.48. Recover instance from backup

```
POST /api/backups/{backup_id}/snapshots/instances/{snapshot_record_id}/recover/
```

7.48.1. Description

This endpoint recovers the instance of a backup record for the ID passed in the URL path.
if destination region is not given, recovery will be done to original region.

Permissions and Restrictions:
* Recover is possible on successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/instances/`

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.6.0`

7.48.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_instances_recover_create** *required*	data_backups_snapshots_instances_recover_create

data_backups_snapshots_instances_recover_create

Name	Description	Schema
additional_nics *optional*	AWS additional nics for instance.	< string > array

Name	Description	Schema
ami_handling *optional*	What to do with the registered new image If this instance is launched from a snapshot(S). **Allowed Enum Values** * D (De-register after Recovery.) * L (Leave Registered after Recovery.) * O (Create_ami without Recovery.)	enum (D, L, O)
architecture *optional*	You can choose between i386 which is x86 - 32 bits and x86-64 bits. **Allowed Enum Values** * i386 (Instance architecture - i386 which is x86 - 32 bits.) * x86_64 (Instance architecture - x86_64 which is x86-64 bits.) * arm64 (Instance architecture - arm64 which is ARM 64 bits.)	enum (i386, x86_64, arm64)
auto_assign_public_ip *optional*	Let you choose whether to assign a public IP to the new instance. This is for public subnets. By default it will behave as the subnet defines. **Allowed Enum Values** * default (Assign a public IP to the new instance if subnet defines.) * enable (Assign a public IP to the new instance.) * disable (Not Assign a public IP to the new instance.)	enum (default, enable, disable)
credentials *optional*		data_backups_snapshots_instances_recover_create_credentials
disable_api_termination *optional*	States whether terminating the new instance by API is enabled or not. The default value will be as the backed-up instance.	boolean
ebs_optimized *optional*	Is True to launch an EBS Optimized instance. The default will be the value from the backed-up instance.	boolean
ena_support *optional*	ENA option for this instance.	boolean
enable_user_data *optional*	States whether to use user data for this instance launch. If True, User Data becomes relevant.	boolean

Name	Description	Schema
ephemeral_devices *optional*	List of ephemeral drives to add to the new instance. The number of ephemeral storage devices you can use depend on the instance type.	< data_backups_snapshots_instances_recover_create_ephemeral_devices > array
from_account *optional*	Recover instance from this account.	integer
image_id *optional*	This is only relevant if Launch From is set to image, or if you are recovering a Windows instance.	string
instance_profile_arn *optional*	The ARN of the instance role (IAM Role) for the instance.The default will be the instance role of the backed-up instance, if it had one.	string

Name	Description	Schema
instance_type *optional*	Type of the new instance/s. By default the instance type of the backed-up instance will be chosen. If you specify an instance type that is incompatible with the image or placement method, the recovery operation will fail. **Allowed Enum Values** * t1.micro (t1.micro) * t2.nano (t2.nano) * t2.micro (t2.micro) * t2.small (t2.small) * t2.medium (t2.medium) * t2.large (t2.large) * t2.xlarge (t2.xlarge) * t2.2xlarge (t2.2xlarge) * t3.nano (t3.nano) * t3.micro (t3.micro) * t3.small (t3.small) * t3.medium (t3.medium) * t3.large (t3.large) * t3.xlarge (t3.xlarge) * t3.2xlarge (t3.2xlarge) * t3a.nano (t3a.nano) * t3a.micro (t3a.micro) * t3a.small (t3a.small) * t3a.medium (t3a.medium) * t3a.large (t3a.large) * t3a.xlarge (t3a.xlarge) * t3a.2xlarge (t3a.2xlarge) * m4.large (m4.large) * m4.xlarge (m4.xlarge) * m4.2xlarge (m4.2xlarge) * m4.4xlarge (m4.4xlarge) * m4.10xlarge (m4.10xlarge) * m4.16xlarge (m4.16xlarge) * m5.large (m5.large) * m5.xlarge (m5.xlarge) * m5.2xlarge (m5.2xlarge) * m5.4xlarge (m5.4xlarge) * m5.8xlarge (m5.8xlarge) * m5.12xlarge (m5.12xlarge) * m5.16xlarge (m5.16xlarge) * m5.24xlarge (m5.24xlarge) * m5.metal (m5.metal) * m5a.large (m5a.large) * m5a.xlarge (m5a.xlarge) * m5a.2xlarge (m5a.2xlarge) * m5a.4xlarge (m5a.4xlarge) * m5a.8xlarge (m5a.8xlarge)	enum (t1.micro, t2.nano, t2.micro, t2.small, t2.medium, t2.large, t2.xlarge, t2.2xlarge, t3.nano, t3.micro, t3.small, t3.medium, t3.large, t3.xlarge, t3.2xlarge, t3a.nano, t3a.micro, t3a.small, t3a.medium, t3a.large, t3a.xlarge, t3a.2xlarge, m4.large, m4.xlarge, m4.2xlarge, m4.4xlarge, m4.10xlarge, m4.16xlarge, m5.large, m5.xlarge, m5.2xlarge, m5.4xlarge, m5.8xlarge, m5.12xlarge, m5.16xlarge, m5.24xlarge, m5.metal, m5a.large, m5a.xlarge, m5a.2xlarge, m5a.4xlarge, m5a.8xlarge, m5a.12xlarge, m5a.16xlarge, m5a.24xlarge, m5d.large, m5d.xlarge, m5d.2xlarge, m5d.4xlarge,

Name	Description	Schema
instance_volumes *optional*	List of all instance volumes to recover. root will be recovered even if not specified.	< data_backups_snapshots_instances_recover_create_instance_volumes > array
kernel_id *optional*	Will hold the kernel id of the backed-up instance.	string
key_pair *optional*	The key (or key pair) you want to launch the instance with. The default is the key that the backed-up instance was created with.	string
monitored *optional*	Is True if monitoring should be allowed for the new instance. The default will be the value in the backed-up instance.	boolean
num_instances_to_recover *optional*	How many instances to launch from the image. The default is one.	integer
placement *optional*	The placement of the instance. By default, it will be the same placement as the backed-up instance. **Allowed Enum Values** * Z (Availability zone placement for the instance.) * V (Vpc placement for the instance.) * G (Group placement for the instance.)	enum (Z, V, G)
placement_group *optional*	This option is only relevant if you chose By Placement Group in Placement.	string
preserve_tags *optional*	By default this option is True. If True, all the tags that were associated with the backed-up instance at the time of the backup (like the instance's name) will also be associated with the new instance/s.	boolean
ram_disk_id *optional*	Will hold the RAM Disk id of the backed-up instance.	string
restore_from *optional*	Launch the boot device (image) from a snapshot(S) or use an existing image(I).For windows images we support only image based instances. **Allowed Enum Values** * S (Restore instance from snapshot.) * I (Restore instance from image.)	enum (S, I)

Name	Description	Schema
security_groups *optional*	Which security groups will be applied with the new instance. you can specify more than one. By default, the security groups of the backed-up instance will be chosen. Please note that security groups for VPC instances are different than groups of non-VPC instances.	< string > array
shutdown_behaviour *optional*	By default it will have the value of the original instance. If the recovered instance is instance-store-based, this option is not used **Allowed Enum Values** * stop (Behaviour on shutdown - stop.) * terminate (Behaviour on shutdown - terminate.)	enum (stop, terminate)
tenancy *optional*	Tenancy option for this instance. **Allowed Enum Values** * default (Instance tenancy shared.) * dedicated (Instance tenancy dedicated.) * host (Instance tenancy host.)	enum (default, dedicated, host)
to_account *optional*	Recover instance to this account.	integer
to_region *optional*	Target region for the instance recover.	integer
user_data *optional*	The text of the user data. Special encoding or using a file as the source is not currently supported from within CPM.	string
vpc *optional*	This option is only relevant if you chose By VPC Subnet in Placement.You choose the VPC the instance is to be recovered to. By default it will contain the VPC the original instance belonged to.	< string > array
vpc_assign_ip *optional*	This option is only relevant if you choose By VPC Subnet in Placement.If the backed-up instance was in a VPC subnet, the default value will be the IP assigned to the original instance.Note that if that IP is still taken, it can fail the recovery operation. You can type a different IP here.When you begin recovery, CPM will verify the IP belongs to the chosen subnet.If you leave this field empty, an IP address from the subnet will be automatically allocated for the new instance.	string
vpc_subnet_id *optional*	This option is only relevant if you chose By VPC Subnet in Placement.This will hold all the subnets in the currently selected VPC.	< string > array

Name	Description	Schema
zone *optional*	Only relevany if you chose By Availability Zone in Placement.By default, if the backed-up instance was not in a VPC, it will have the same zone as the backed-up instance.	string

data_backups_snapshots_instances_recover_create_credentials

Name	Schema
aws_access_key *optional*	string
aws_secret_key *optional*	string

data_backups_snapshots_instances_recover_create_ephemeral_devices

Name	Description	Schema
device *optional*	Device of ephemeral device.	string
epehemeral *optional*	ephemeral of ephemeral device.	string

data_backups_snapshots_instances_recover_create_instance_volumes

Name	Description	Schema
capacity *optional*	Capacity of a volume.	integer
delete_on_termination *optional*	Specify whether to delete volume on termination.	boolean
device *optional*	Which device it will be attached as. This is only used if you choose to automatically attach the recovered volume to an instance.	string
iops *optional*	Number of IOPS.	integer
preserve_tags *optional*	Whether to associate the same tags (like the volume's name) to the recovered volume. Default is true.	boolean
volume_id *optional*	Volume ID to do recover for, if root is not specified it will be automatically added.	string

Name	Description	Schema
volume_type *optional*	Type of the EBS volume. **Allowed Enum Values** * standard (Magnetic type of ebs volume.) * io1 (Magnetic type of ebs volume.) * io2 (Magnetic type of ebs volume.) * gp2 (Provisioned iops ssd type of ebs volume.) * st1 (Throughput optimized hdd type of ebs volume.) * sc1 (Cold_hdd type of ebs volume.)	enum (standard, io1, io2, gp2, st1, sc1)

7.48.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_instances_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_instances_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_instances_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_instances_recover_create_s3_recover_status

Name	Description	Schema
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_instances_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_instances_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array

Name	Description	Schema
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.48.4. Consumes

- `application/json`

7.48.5. Produces

- `application/json`

7.49. Recover instance from S3

```
POST /api/backups/{backup_id}/snapshots/instances/{snapshot_record_id}/recover_from_s3/
```

7.49.1. Description

This endpoint recovers the instance from S3 of a backup record for the ID passed in the URL path.
if destination region is not given, recovery will be done to original region.
Permissions and Restrictions:
* Recover is possible on successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/instances/`

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.5.0`

7.49.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_instances_recover_from_s3_create** *required*	data_backups_snapshots_instances_recover_from_s3_create

data_backups_snapshots_instances_recover_from_s3_create

Name	Description	Schema
additional_nics *optional*	AWS additional nics for instance.	< string > array

Name	Description	Schema
ami_handling *optional*	What to do with the registered new image If this instance is launched from a snapshot(S). **Allowed Enum Values** * D (De-register after Recovery.) * L (Leave Registered after Recovery.) * O (Create_ami without Recovery.)	enum (D, L, O)
architecture *optional*	You can choose between i386 which is x86 - 32 bits and x86-64 bits. **Allowed Enum Values** * i386 (Instance architecture - i386 which is x86 - 32 bits.) * x86_64 (Instance architecture - x86_64 which is x86-64 bits.) * arm64 (Instance architecture - arm64 which is ARM 64 bits.)	enum (i386, x86_64, arm64)
auto_assign_public_ip *optional*	Let you choose whether to assign a public IP to the new instance. This is for public subnets. By default it will behave as the subnet defines. **Allowed Enum Values** * default (Assign a public IP to the new instance if subnet defines.) * enable (Assign a public IP to the new instance.) * disable (Not Assign a public IP to the new instance.)	enum (default, enable, disable)
credentials *optional*		data_backups_snapshots_instances_recover_from_s3_create_credentials
disable_api_termination *optional*	States whether terminating the new instance by API is enabled or not. The default value will be as the backed-up instance.	boolean
ebs_optimized *optional*	Is True to launch an EBS Optimized instance. The default will be the value from the backed-up instance.	boolean
ena_support *optional*	ENA option for this instance.	boolean
enable_user_data *optional*	States whether to use user data for this instance launch. If True, User Data becomes relevant.	boolean
encryption_key *optional*	Encryption key for target region of volume.	string

Name	Description	Schema
ephemeral_devices *optional*	List of ephemeral drives to add to the new instance. The number of ephemeral storage devices you can use depend on the instance type.	< data_backups_snapshots_instances_recover_from_s3_create_ephemeral_devices > array
from_account *optional*	Recover instance from this account.	integer
image_id *optional*	This is only relevant if Launch From is set to image, or if you are recovering a Windows instance.	string
instance_profile_arn *optional*	The ARN of the instance role (IAM Role) for the instance.The default will be the instance role of the backed-up instance, if it had one.	string

Name	Description	Schema
instance_type *optional*	Type of the new instance/s. By default the instance type of the backed-up instance will be chosen. If you specify an instance type that is incompatible with the image or placement method, the recovery operation will fail. **Allowed Enum Values** * t1.micro (t1.micro) * t2.nano (t2.nano) * t2.micro (t2.micro) * t2.small (t2.small) * t2.medium (t2.medium) * t2.large (t2.large) * t2.xlarge (t2.xlarge) * t2.2xlarge (t2.2xlarge) * t3.nano (t3.nano) * t3.micro (t3.micro) * t3.small (t3.small) * t3.medium (t3.medium) * t3.large (t3.large) * t3.xlarge (t3.xlarge) * t3.2xlarge (t3.2xlarge) * t3a.nano (t3a.nano) * t3a.micro (t3a.micro) * t3a.small (t3a.small) * t3a.medium (t3a.medium) * t3a.large (t3a.large) * t3a.xlarge (t3a.xlarge) * t3a.2xlarge (t3a.2xlarge) * m4.large (m4.large) * m4.xlarge (m4.xlarge) * m4.2xlarge (m4.2xlarge) * m4.4xlarge (m4.4xlarge) * m4.10xlarge (m4.10xlarge) * m4.16xlarge (m4.16xlarge) * m5.large (m5.large) * m5.xlarge (m5.xlarge) * m5.2xlarge (m5.2xlarge) * m5.4xlarge (m5.4xlarge) * m5.8xlarge (m5.8xlarge) * m5.12xlarge (m5.12xlarge) * m5.16xlarge (m5.16xlarge) * m5.24xlarge (m5.24xlarge) * m5.metal (m5.metal) * m5a.large (m5a.large) * m5a.xlarge (m5a.xlarge) * m5a.2xlarge (m5a.2xlarge) * m5a.4xlarge (m5a.4xlarge) * m5a.8xlarge (m5a.8xlarge)	enum (t1.micro, t2.nano, t2.micro, t2.small, t2.medium, t2.large, t2.xlarge, t2.2xlarge, t3.nano, t3.micro, t3.small, t3.medium, t3.large, t3.xlarge, t3.2xlarge, t3a.nano, t3a.micro, t3a.small, t3a.medium, t3a.large, t3a.xlarge, t3a.2xlarge, m4.large, m4.xlarge, m4.2xlarge, m4.4xlarge, m4.10xlarge, m4.16xlarge, m5.large, m5.xlarge, m5.2xlarge, m5.4xlarge, m5.8xlarge, m5.12xlarge, m5.16xlarge, m5.24xlarge, m5.metal, m5a.large, m5a.xlarge, m5a.2xlarge, m5a.4xlarge, m5a.8xlarge, m5a.12xlarge, m5a.16xlarge, m5a.24xlarge, m5d.large, m5d.xlarge, m5d.2xlarge, m5d.4xlarge,

Name	Description	Schema
instance_volumes *optional*	List of all instance volumes to recover. root will be recovered even if not specified.	< data_backups_snapshots_instances_recover_from_s3_create_instance_volumes > array
kernel_id *optional*	Will hold the kernel id of the backed-up instance.	string
key_pair *optional*	The key (or key pair) you want to launch the instance with. The default is the key that the backed-up instance was created with.	string
monitored *optional*	Is True if monitoring should be allowed for the new instance. The default will be the value in the backed-up instance.	boolean
num_instances_to_recover *optional*	How many instances to launch from the image. The default is one.	integer
placement *optional*	The placement of the instance. By default, it will be the same placement as the backed-up instance. **Allowed Enum Values** * Z (Availability zone placement for the instance.) * V (Vpc placement for the instance.) * G (Group placement for the instance.)	enum (Z, V, G)
placement_group *optional*	This option is only relevant if you chose By Placement Group in Placement.	string
preserve_tags *optional*	By default this option is True. If True, all the tags that were associated with the backed-up instance at the time of the backup (like the instance's name) will also be associated with the new instance/s.	boolean
ram_disk_id *optional*	Will hold the RAM Disk id of the backed-up instance.	string
restore_from *optional*	Launch the boot device (image) from a snapshot(S) or use an existing image(I).For windows images we support only image based instances. **Allowed Enum Values** * S (Restore instance from snapshot.) * I (Restore instance from image.)	enum (S, I)

Name	Description	Schema
retrieve_options *optional*	Retrieval parameters to use if retrieval of data from Glacier to S3 is required.	data_backups_snapshots_instances_recover_from_s3_create_retrieve_options
security_groups *optional*	Which security groups will be applied with the new instance. you can specify more than one. By default, the security groups of the backed-up instance will be chosen. Please note that security groups for VPC instances are different than groups of non-VPC instances.	< string > array
shutdown_behaviour *optional*	By default it will have the value of the original instance. If the recovered instance is instance-store-based, this option is not used **Allowed Enum Values** * stop (Behaviour on shutdown - stop.) * terminate (Behaviour on shutdown - terminate.)	enum (stop, terminate)
tenancy *optional*	Tenancy option for this instance. **Allowed Enum Values** * default (Instance tenancy shared.) * dedicated (Instance tenancy dedicated.) * host (Instance tenancy host.)	enum (default, dedicated, host)
to_account *optional*	Recover instance to this account.	integer
to_region *optional*	Target region for the instance recover.	integer
use_default_volume_encryption_keys *optional*		boolean
user_data *optional*	The text of the user data. Special encoding or using a file as the source is not currently supported from within CPM.	string
vpc *optional*	This option is only relevant if you chose By VPC Subnet in Placement.You choose the VPC the instance is to be recovered to. By default it will contain the VPC the original instance belonged to.	< string > array

Name	Description	Schema
vpc_assign_ip *optional*	This option is only relevant if you choose By VPC Subnet in Placement.If the backed-up instance was in a VPC subnet, the default value will be the IP assigned to the original instance.Note that if that IP is still taken, it can fail the recovery operation. You can type a different IP here.When you begin recovery, CPM will verify the IP belongs to the chosen subnet.If you leave this field empty, an IP address from the subnet will be automatically allocated for the new instance.	string
vpc_subnet_id *optional*	This option is only relevant if you chose By VPC Subnet in Placement.This will hold all the subnets in the currently selected VPC.	< string > array
worker_configuration *optional*	If set, the supplied worker configuration will be used. Otherwise, the worker configuration will be build.	data_backups_snapshots_instances_recover_from_s3_create_worker_configuration
zone *optional*	Only relevany if you chose By Availability Zone in Placement.By default, if the backed-up instance was not in a VPC, it will have the same zone as the backed-up instance.	string

data_backups_snapshots_instances_recover_from_s3_create_credentials

Name	Schema
aws_access_key *optional*	string
aws_secret_key *optional*	string

data_backups_snapshots_instances_recover_from_s3_create_ephemeral_devices

Name	Description	Schema
device *optional*	Device of ephemeral device.	string
epehemeral *optional*	ephemeral of ephemeral device.	string

data_backups_snapshots_instances_recover_from_s3_create_instance_volumes

Name	Description	Schema
capacity *optional*	Capacity of a volume.	integer
delete_on_termination *optional*	Specify whether to delete volume on termination.	boolean
device *optional*	Which device it will be attached as. This is only used if you choose to automatically attach the recovered volume to an instance.	string
iops *optional*	Number of IOPS.	integer
preserve_tags *optional*	Whether to associate the same tags (like the volume's name) to the recovered volume. Default is true.	boolean
volume_id *optional*	Volume ID to do recover for, if root is not specified it will be automatically added.	string
volume_type *optional*	Type of the EBS volume. **Allowed Enum Values** * standard (Magnetic type of ebs volume.) * io1 (Magnetic type of ebs volume.) * io2 (Magnetic type of ebs volume.) * gp2 (Provisioned iops ssd type of ebs volume.) * st1 (Throughput optimized hdd type of ebs volume.) * sc1 (Cold_hdd type of ebs volume.)	enum (standard, io1, io2, gp2, st1, sc1)

data_backups_snapshots_instances_recover_from_s3_create_retrieve_options

Name	Description	Schema
days_to_keep *optional*		integer
retrieval_tier *required*	**Allowed Enum Values** * E (Expedited) * S (Standard) * B (Bulk)	enum (E, S, B)

data_backups_snapshots_instances_recover_from_s3_create_worker_configuration

Name	Description	Schema
aws_key_pair *optional*	Key pair of worker configuration.	string
aws_security_group *required*	Security group of worker configuration.	string

Name	Description	Schema
aws_subnet *required*	Name of AWS subnet group. If not specified, AWS subnet and availability zone will be `Any`.	string
aws_vpc *required*	VPC of worker configuration.	string
http_proxy_address *optional*	Proxy address if network access via http proxy on worker configuration.	string
http_proxy_password_encrypted *optional*	Proxy password if network access via http proxy on worker configuration.	string
http_proxy_port *optional*	Proxy port if network access via http proxy on worker configuration.	integer
http_proxy_user_name *optional*	Proxy user name if network access via http proxy on worker configuration.	string
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean

7.49.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_instances_recover_from_s3_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_instances_recover_from_s3_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string

Name	Description	Schema
glacier_retrieve_status *optional*		response_backups_snapshots_instances_recover_from_s3_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)

Name	Description	Schema
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_instances_recover_from_s3_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_instances_recover_from_s3_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_instances_recover_from_s3_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array

Name	Description	Schema
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.49.4. Consumes

- `application/json`

7.49.5. Produces

- `application/json`

7.50. List the `AMIs Only` snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/only_amis/
```

7.50.1. Description

This endpoint returns the list of `AMIs Only` snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own AMIs.
* Root user can also get the AMIs of the managed users.
* Delegates can get the AMIs of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.50.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**resource** *optional*	A full or partial resource ID to search by.	string

7.50.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_only_amis_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_only_amis_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*		string
aws_image_id *optional*	Initial AMI ID.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.50.4. Produces

- `application/json`

7.51. Retrieve an AMIs Only snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/only_amis/{id}/
```

7.51.1. Description

This endpoint returns the `AMIs Only` snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own AMIs.
* Root user can also get the AMIs of the managed users.
* Delegates can get the AMIs of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.51.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.51.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_only_amis_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_only_amis_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*		string

Name	Description	Schema
aws_image_id *optional*	Initial AMI ID.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.51.4. Produces

- `application/json`

7.52. Delete an `AMIs Only` snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/only_amis/{id}/
```

7.52.1. Description

This endpoint deletes the `AMIs Only` snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own AMI.
* Root user can also delete AMI for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the AMI for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.52.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.52.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.53. List the DR `AMIs Only` snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/only_dr_amis/
```

7.53.1. Description

This endpoint returns a list of DR `AMIs Only` snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own AMIs.
* Root user can also get the AMIs of the managed users.
* Delegates can get the AMIs of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

7.53.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**resource** *optional*	A full or partial resource ID to search by.	string

7.53.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_only_dr_amis_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_only_dr_amis_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*		string
aws_image_id *optional*	Initial AMI ID.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_image_id *optional*	Initial AMI ID.	string
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.53.4. Produces

- `application/json`

7.54. Retrieve an DR `AMIs Only` snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/only_dr_amis/{id}/
```

7.54.1. Description

This endpoint returns the DR `AMIs Only` snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own AMI.
* Root user can also get the AMI of the managed users.
* Delegates can get the AMI of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

7.54.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.54.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_only_dr_amis_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_only_dr_amis_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*		string

Name	Description	Schema
aws_image_id *optional*	Initial AMI ID.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_image_id *optional*	Initial AMI ID.	string
region *optional*	Snapshot's DR region.	string
snapshot_type *optional*	Snapshot type.	string
succeeded *optional*	'true' if the snapshot succeeded, 'false' otherwise.	boolean

7.54.4. Produces

- `application/json`

7.55. Delete a DR `AMIs Only` snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/only_dr_amis/{id}/
```

7.55.1. Description

This endpoint deletes the DR 'AMIs Only` snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own AMI.
* Root user can also delete AMI for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the AMI for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.55.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.55.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.56. List the RDS cluster snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/rds_clusters/
```

7.56.1. Description

This endpoint returns a list of the RDS cluster snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.56.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number

Type	Name	Description	Schema
Query	**resource** *optional*	A full or partial resource ID to search by.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string
Query	**user** *optional*	ID of the owner user.	string

7.56.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_rds_clusters_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_rds_clusters_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
cluster_id *optional*	AWS cluster ID.	string
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
policy_name *optional*	Associated policy name.	string
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*		string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
subnet_group_name *optional*	Name of AWS subnet group.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Availability zone of the resource.	string

7.56.4. Produces

- `application/json`

7.57. Retrieve a RDS cluster snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/rds_clusters/{id}/
```

7.57.1. Description

This endpoint returns the RDS cluster snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of a backup record.
* Root user can also get the snapshots of a backup record of the managed users.
* Delegates can get the snapshots of a backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.57.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.57.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_rds_clusters_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_rds_clusters_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string

Name	Description	Schema
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
cluster_id *optional*	AWS cluster ID.	string
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
policy_name *optional*	Associated policy name.	string
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*		string
snapshot_id *optional*	Snapshot's AWS ID.	string

Name	Description	Schema
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
subnet_group_name *optional*	Name of AWS subnet group.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Availability zone of the resource.	string

7.57.4. Produces

- `application/json`

7.58. Delete a RDS cluster snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/rds_clusters/{id}/
```

7.58.1. Description

This endpoint deletes the RDS cluster snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshot of a backup record.
* Root user can also delete a snapshot of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the snapshot of a backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.58.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.58.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.59. Recover RDS cluster from backup

```
POST /api/backups/{backup_id}/snapshots/rds_clusters/{snapshot_record_id}/recover/
```

7.59.1. Description

This endpoint recovers the RDS cluster of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on a successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/rds_clusters/`

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.59.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_rds_clusters_recover_create** *required*	data_backups_snapshots_rds_clusters_recover_create

data_backups_snapshots_rds_clusters_recover_create

Name	Description	Schema
aws_dbinstance_id *required*	New unique identifier of the restored RDS DB instance resource.	string
aws_resource_id *required*	New unique identifier of the restored resource.	string

Name	Description	Schema
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_rds_clusters_recover_create_credentials
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
instance_type *optional*	Contains the compute and memory capacity of the DB Instance.	string
subnet_group_name *optional*	Name of the subnet group where the resource will be restored.	string
to_account *optional*	Restore to account.	string
zone *optional*	Availability zone of the resource.	string

data_backups_snapshots_rds_clusters_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.59.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_rds_clusters_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_rds_clusters_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean

Name	Description	Schema
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_rds_clusters_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string

Name	Description	Schema
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_rds_clusters_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_rds_clusters_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_rds_clusters_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.59.4. Consumes

- `application/json`

7.59.5. Produces

- `application/json`

7.60. List the RDS snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/rds_databases/
```

7.60.1. Description

This endpoint returns a list of RDS snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.60.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number
Query	**resource** *optional*	A full or partial resource ID to search by.	string

Type	Name	Description	Schema
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string
Query	**user** *optional*	ID of the owner user.	string

7.60.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_rds_databases_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_rds_databases_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string

Name	Description	Schema
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
policy_name *optional*	Associated policy name.	string
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
storage_type *optional*	Storage type.	string
subnet_group_name *optional*	Name of AWS subnet group.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Availability zone of the resource.	string

7.60.4. Produces

- `application/json`

7.61. Retrieve a RDS snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/rds_databases/{id}/
```

7.61.1. Description

This endpoint returns the RDS snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of a backup record.
* Root user can also get the snapshots of a backup record of the managed users.
* Delegates can get the snapshots of a backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.61.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.61.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_rds_databases_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_rds_databases_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string

Name	Description	Schema
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
policy_name *optional*	Associated policy name.	string
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string

Name	Description	Schema
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
storage_type *optional*	Storage type.	string
subnet_group_name *optional*	Name of AWS subnet group.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Availability zone of the resource.	string

7.61.4. Produces

- `application/json`

7.62. Delete a RDS snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/rds_databases/{id}/
```

7.62.1. Description

This endpoint deletes the RDS snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshot of a backup record.
* Root user can also delete a snapshot of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the snapshot of a backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.62.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.62.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.63. Recover RDS databases from backup

```
POST /api/backups/{backup_id}/snapshots/rds_databases/{snapshot_record_id}/recover/
```

7.63.1. Description

This endpoint recovers the RDS databases of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on a successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/rds_databases/`

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.63.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_rds_databases_recover_create** *required*	data_backups_snapshots_rds_databases_recover_create

data_backups_snapshots_rds_databases_recover_create

Name	Description	Schema
aws_resource_id *required*	New unique identifier of the restored resource.	string
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_rds_databases_recover_create_credentials

Name	Description	Schema
db_instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
storage_type *optional*	Storage type. If type is not 'io1' or 'io2', iops = 0 **Allowed Enum Values** * standard (Magnetic) * io1 (Provisioned IOPS SSD (io1)) * io2 (Provisioned IOPS SSD (io2)) * gp2 (General Purpose SSD)	enum (standard, io1, io2, gp2)
subnet_group_name *optional*	Name of the subnet group where the resource will be restored.	string
to_account *optional*	Restore to account.	string
zone *optional*	Availability zone of the resource.	string

data_backups_snapshots_rds_databases_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.63.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_rds_databases_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
412	Precondition Failed	No Content

response_backups_snapshots_rds_databases_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_rds_databases_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer

Name	Description	Schema
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_rds_databases_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_rds_databases_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_rds_databases_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.63.4. Consumes

- `application/json`

7.63.5. Produces

- `application/json`

7.64. List the Redshift cluster snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/redshift_clusters/
```

7.64.1. Description

This endpoint returns a list of the Redshift cluster snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.64.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number

Type	Name	Description	Schema
Query	**resource** *optional*	A full or partial resource ID to search by.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string
Query	**user** *optional*	ID of the owner user.	string

7.64.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_redshift_clusters_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_redshift_clusters_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
aws_node_type *optional*	Type of node.	string
aws_nodes *optional*	Number of nodes on cluster.	integer
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
cluster_id *optional*	AWS cluster ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
policy_name *optional*	Associated policy name.	string
port *optional*	Cluster port.	integer
publicly_accessible *optional*	Is cluster is publicly accessible.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
subnet_group_name *optional*	Redshift cluster subnet group name.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Redshift cluster zone.	string

7.64.4. Produces

- `application/json`

7.65. Retrieve a Redshift cluster snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/redshift_clusters/{id}/
```

7.65.1. Description

This endpoint returns the Redshift cluster snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of a backup record.
* Root user can also get the snapshots of a backup record of the managed users.
* Delegates can get the snapshots of a backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.65.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.65.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_redshift_clusters_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_redshift_clusters_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer

Name	Description	Schema
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
aws_node_type *optional*	Type of node.	string
aws_nodes *optional*	Number of nodes on cluster.	integer
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
cluster_id *optional*	AWS cluster ID.	string
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
policy_name *optional*	Associated policy name.	string
port *optional*	Cluster port.	integer
publicly_accessible *optional*	Is cluster is publicly accessible.	boolean
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string

Name	Description	Schema
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
subnet_group_name *optional*	Redshift cluster subnet group name.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string
zone *optional*	Redshift cluster zone.	string

7.65.4. Produces

- `application/json`

7.66. Delete a Redshift cluster snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/redshift_clusters/{id}/
```

7.66.1. Description

This endpoint deletes the Redshift cluster snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshot of a backup record.
* Root user can also delete a Redshift snapshot of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the snapshot of a backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.66.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.66.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.67. Recover Redshift cluster from backup

```
POST /api/backups/{backup_id}/snapshots/redshift_clusters/{snapshot_record_id}/recover/
```

7.67.1. Description

This endpoint recovers the Redshift cluster of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recovery is possible on a successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/redshift_clusters/`

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.67.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_redshift_clusters_recover_create** *required*	data_backups_snapshots_redshift_clusters_recover_create

data_backups_snapshots_redshift_clusters_recover_create

Name	Description	Schema
aws_resource_id *required*	New unique identifier of the restored resource.	string
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_redshift_clusters_recover_create_credentials

Name	Description	Schema
port *optional*	Port number on which the database accepts connections.	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
subnet_group_name *optional*	Name of the subnet group where the resource will be restored.	string
zone *optional*	Availability zone of the resource.	string

data_backups_snapshots_redshift_clusters_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.67.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_redshift_clusters_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_redshift_clusters_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string

Name	Description	Schema
glacier_retrieve_status *optional*		response_backups_snapshots_redshift_clusters_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)

Name	Description	Schema
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_redshift_clusters_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_redshift_clusters_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_redshift_clusters_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array

Name	Description	Schema
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.67.4. Consumes

- `application/json`

7.67.5. Produces

- `application/json`

7.68. List the volume snapshots of a backup record

```
GET /api/backups/{backup_id}/snapshots/volumes/
```

7.68.1. Description

This endpoint returns a list of the volume snapshots of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user can also get the snapshots of the managed users.
* Delegates can get the snapshots of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.68.2. Parameters

Type	Name	Description	Schema
Path	**backup_id** *required*		string
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	string
Query	**aws_region** *optional*	Snapshot's AWS text region.	string
Query	**aws_resource_id** *optional*	ID of the resource in AWS.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	Snapshot's region ID.	number
Query	**resource** *optional*	A full or partial resource ID to search by.	string

Type	Name	Description	Schema
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string
Query	**user** *optional*	ID of the owner user.	string

7.68.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_volumes_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_snapshots_volumes_list

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
capacity *optional*	Capacity of the volume (Gib).	integer
cbt_changed_size_mb *optional*		integer
cbt_valid_size_mb *optional*		integer
deletion_time *optional*	Time of the snapshot's deletion.	string
device *optional*	Device of volume.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean

Name	Description	Schema
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
iops *optional*	Number of IOPS.	integer
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
type *optional*	Volume type.	string
username *optional*	Associated user's username.	string
zone *optional*	Volume zone.	string

7.68.4. Produces

- `application/json`

7.69. Retrieve a volume snapshot of a backup record

```
GET /api/backups/{backup_id}/snapshots/volumes/{id}/
```

7.69.1. Description

This endpoint returns the volume snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots of a backup record.
* Root user can also get the snapshots of a backup record of the managed users.
* Delegates can get the snapshots of a backup record of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

7.69.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.69.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_snapshots_volumes_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_volumes_read

Name	Description	Schema
account_id *optional*	Associated account ID.	integer
account_name *optional*	Associated account name.	string

Name	Description	Schema
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
capacity *optional*	Capacity of the volume (Gib).	integer
cbt_changed_size_mb *optional*		integer
cbt_valid_size_mb *optional*		integer
deletion_time *optional*	Time of the snapshot's deletion.	string
device *optional*	Device of volume.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
end_time *optional*	Snapshot's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
iops *optional*	Number of IOPS.	integer
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_id *optional*	ID of the account in which the snapshot was created.	integer
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string

Name	Description	Schema
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
type *optional*	Volume type.	string
username *optional*	Associated user's username.	string
zone *optional*	Volume zone.	string

7.69.4. Produces

- `application/json`

7.70. Delete a volume snapshot of a backup record

```
DELETE /api/backups/{backup_id}/snapshots/volumes/{id}/
```

7.70.1. Description

This endpoint deletes the volume snapshot of the backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own snapshot of a backup record.
* Root user can also delete snapshot of a backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the snapshot of a backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.70.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**id** *required*	string

7.70.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.71. Recover volume from backup

```
POST /api/backups/{backup_id}/snapshots/volumes/{snapshot_record_id}/recover/
```

7.71.1. Description

This endpoint recovers the volume of a backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Recover is possible on successful backup that wasn't deleted.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/{backup_id}/snapshots/volumes/`

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

7.71.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_volumes_recover_create** *required*	data_backups_snapshots_volumes_recover_create

data_backups_snapshots_volumes_recover_create

Name	Description	Schema
attach_behaviour *optional*	**Allowed Enum Values** * attach_free (Attach only if Device is Free.) * switch_no_delete (Switch Attached Volumes.) * switch_and_delete (Switch Attached Volumes and Delete Old Ones.)	enum (attach_free, switch_no_delete, switch_and_delete)

Name	Description	Schema
attach_to *optional*	AWS instance ID to attach the newly recovered volume.	string
aws_resource_type *optional*	Type of the EBS volume.	string
capacity *optional*	Capacity of a volume.	integer
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_volumes_recover_create_credentials
device *optional*	Which device it will be attached as. This is only used if you choose to automatically attach the recovered volume to an instance.	string
iops *optional*	Number of IOPS.	integer
preserve_tags *optional*	Whether to associate the same tags (like the volume's name) to the recovered volume. Default is true.	boolean
to_account *optional*	Restore to account.	integer
zone *optional*	Availability zone of the resource.	string

data_backups_snapshots_volumes_recover_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

7.71.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_volumes_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_volumes_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_volumes_recover_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string

Name	Description	Schema
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_volumes_recover_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_volumes_recover_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array

Name	Description	Schema
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_volumes_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.71.4. Consumes

- `application/json`

7.71.5. Produces

- `application/json`

7.72. Recover s3 volume from backup

```
POST /api/backups/{backup_id}/snapshots/volumes/{snapshot_record_id}/recover_from_s3/
```

7.72.1. Description

This endpoint recovers the s3 volume of a backup record for the ID passed in the URL path.
For a different availability zone than CPM's on worker configuration define VPC, subnet and security groupin worker_configuration.

Permissions and Restrictions:
* Recover is possible on successful backup that wasn't deleted.
* Recover volume from s3 is possible on instance backup volume.
* Any authenticated user can recover his own snapshots.
* Root user can also recover the snapshots of the managed users.
* Authenticated delegate users with `allow_recovery` can recover the snapshots for their original user.

> The path parameter **snapshot_record_id** refers to **id** attribute which returns in the response body of `GET /api/backups/<backup_id>/snapshots/volumes/`

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

7.72.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_record_id** *required*	string
Body	**data_backups_snapshots_volumes_recover_from_s3_create** *required*	data_backups_snapshots_volumes_recover_from_s3_create

data_backups_snapshots_volumes_recover_from_s3_create

Name	Description	Schema
attach_behaviour *optional*	**Allowed Enum Values** * attach_free (Attach only if Device is Free.) * switch_no_delete (Switch Attached Volumes.) * switch_and_delete (Switch Attached Volumes and Delete Old Ones.)	enum (attach_free, switch_no_delete, switch_and_delete)
attach_to *optional*	AWS instance ID to attach the newly recovered volume.	string
aws_resource_type *optional*	Type of the EBS volume.	string
capacity *optional*	Capacity of a volume.	integer
credentials *optional*	If set, the supplied credentials will be used to authenticate the account to recover to. Otherwise, the policy's account credentials will be used.	data_backups_snapshots_volumes_recover_from_s3_create_credentials
device *optional*	Which device it will be attached as. This is only used if you choose to automatically attach the recovered volume to an instance.	string
encryption_key *optional*	Encryption key for target region of volume.	string
iops *optional*	Number of IOPS.	integer
preserve_tags *optional*	Whether to associate the same tags (like the volume's name) to the recovered volume. Default is true.	boolean
region *optional*	Target region for the volume recover.	string
retrieve_options *optional*	Retrieval parameters to use if retrieval of data from Glacier to S3 is required.	data_backups_snapshots_volumes_recover_from_s3_create_retrieve_options
to_account *optional*	Restore to account.	integer
worker_configuration *optional*	If set, the supplied worker configuration will be used. Otherwise, the worker configuration will be build.	data_backups_snapshots_volumes_recover_from_s3_create_worker_configuration

Name	Description	Schema
zone *optional*	Availability zone of the resource.	string

data_backups_snapshots_volumes_recover_from_s3_create_credentials

Name	Description	Schema
aws_access_key *optional*	AWS access key - Part of AWS credentials.	string
aws_secret_key *optional*	AWS secret key - Part of AWS credentials.	string

data_backups_snapshots_volumes_recover_from_s3_create_retrieve_options

Name	Description	Schema
days_to_keep *optional*		integer
retrieval_tier *required*	**Allowed Enum Values** * E (Expedited) * S (Standard) * B (Bulk)	enum (E, S, B)

data_backups_snapshots_volumes_recover_from_s3_create_worker_configuration

Name	Description	Schema
aws_key_pair *optional*	Key pair of worker configuration.	string
aws_security_group *required*	Security group of worker configuration.	string
aws_subnet *required*	Name of AWS subnet group. If not specified, AWS subnet and availability zone will be `Any`.	string
aws_vpc *required*	VPC of worker configuration.	string
http_proxy_address *optional*	Proxy address if network access via http proxy on worker configuration.	string
http_proxy_password_encrypted *optional*	Proxy password if network access via http proxy on worker configuration.	string
http_proxy_port *optional*	Proxy port if network access via http proxy on worker configuration.	integer
http_proxy_user_name *optional*	Proxy user name if network access via http proxy on worker configuration.	string

Name	Description	Schema
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean

7.72.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_volumes_recover_from_s3_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_backups_snapshots_volumes_recover_from_s3_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_backups_snapshots_volumes_recover_from_s3_create_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer

Name	Description	Schema
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_volumes_recover_from_s3_create_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_backups_snapshots_volumes_recover_from_s3_create_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_snapshots_volumes_recover_from_s3_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.72.4. Consumes

- `application/json`

7.72.5. Produces

- `application/json`

7.73. Move a backup record to the freezer

```
POST /api/backups/{backup_id}/to_freezer/
```

7.73.1. Description

This endpoint moves a backup record to the freezer.

Permissions and Restrictions:
* Any authenticated user with change backup permissions can move a backup to the freezer.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

7.73.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Body	**data_backups_to_freezer_create** *required*	data_backups_to_freezer_create

data_backups_to_freezer_create

Name	Description	Schema
description *required*	Backup record's new freezer policy description.	string
name *required*	Backup record's new freezer policy name.	string

7.73.3. Responses

HTTP Code	Description	Schema
201	Created	response_backups_to_freezer_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_to_freezer_create

Name	Description	Schema
account *optional*	ID of the account this backup is associated with.	integer
description *optional*	Description for the resource.	string
dr_account_regions *optional*	Target regions in the DR account to copy to. Can be one or multiple regions.	string
dr_regions *optional*	DR region.	string
dr_status *optional*	Backup's DR status. **Allowed Enum Values** * N (N/A) * P (Pending) * I (In Progress) * S (Skipped) * C (Completed) * F (Failed)	enum (N, P, I, S, C, F)
end_time *optional*	Backup's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_retry *optional*	Whether this backup is a retry attempt or not.	boolean
marked_for_deletion *optional*	Whether this backup is marked for deletion or not.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
performed_quiecse *optional*	Whether quiesce was performed or not.	boolean
policy *optional*	Policy that the backup is associated with.	integer
retry_scheduled *optional*	Whether a retry is scheduled to be performed or not.	boolean
start_time *optional*	Backup's start time.	string

Name	Description	Schema
status *optional*	Backup's status. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Backup Successful) * A (Backup Partially Successful) * S (Not All Snapshots Succeeded) * D (All Snapshots Deleted) * F (Backup Failed) * M (Moved to S3 Storage) * G (Moved to S3 Glacier)	enum (I, P, B, A, S, D, F, M, G)
user *optional*	ID of the owner user.	integer

7.73.4. Consumes

- `application/json`

7.73.5. Produces

- `application/json`

7.74. Retrieve a CPM backup record

```
GET /api/backups/{id}/
```

7.74.1. Description

This endpoint returns the CPM backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own backup records.
* Root user can also get the backup records of the managed users.
* Delegates can get the backup records of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.3.0`

7.74.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

7.74.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_read

Name	Description	Schema
account *optional*	ID of the account this backup is associated with.	integer
description *optional*	Description for the resource.	string
dr_account_regions *optional*	Target regions in the DR account to copy to. Can be one or multiple regions.	string

Name	Description	Schema
dr_regions *optional*	DR region.	string
dr_status *optional*	Backup's DR status. **Allowed Enum Values** * N (N/A) * P (Pending) * I (In Progress) * S (Skipped) * C (Completed) * F (Failed)	enum (N, P, I, S, C, F)
end_time *optional*	Backup's end time.	string
glacier_archive_status *optional*	Status of the archive to Glacier.	response_backups_read_glacier_archive_status
id *optional*	Unique ID of the resource in CPM.	integer
is_freezer_item *optional*	Whether this backup item was moved to freezer or not.	boolean
is_recoverable *optional*	Can this backup be recovered.	boolean
is_retry *optional*	Whether this backup is a retry attempt or not.	boolean
marked_for_deletion *optional*	Whether this backup is marked for deletion or not.	boolean
move_to_freezer_enabled *optional*		boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
performed_quiecse *optional*	Whether quiesce was performed or not.	boolean
policy *optional*	Policy that the backup is associated with.	integer
retry_scheduled *optional*	Whether a retry is scheduled to be performed or not.	boolean
s3_copy_status *optional*	Copy to S3 status (license dependent).	response_backups_read_s3_copy_status
start_time *optional*	Backup's start time.	string

Name	Description	Schema
status *optional*	Backup's status. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Backup Successful) * A (Backup Partially Successful) * S (Not All Snapshots Succeeded) * D (All Snapshots Deleted) * F (Backup Failed) * M (Moved to S3 Storage) * G (Moved to S3 Glacier)	enum (I, P, B, A, S, D, F, M, G)
user *optional*	ID of the owner user.	integer

response_backups_read_glacier_archive_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the archive to Glacier.	string
status *optional*	Status of the archive to Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_read_s3_copy_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the copy to S3.	integer

Name	Description	Schema
status *optional*	Status of the copy to S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.74.4. Produces

- `application/json`

7.75. Update a CPM freezer backup record

```
PUT /api/backups/{id}/
```

7.75.1. Description

This endpoint updates the freezer backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user with `allow_backup_changes` can update freezer backup record.
* Root user can also update freezer backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes`can update freezer backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.75.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_backups_update** *required*	data_backups_update

data_backups_update

Name	Description	Schema
description *required*	Description for the resource.	string
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string

7.75.3. Responses

HTTP Code	Description	Schema
200	OK	response_backups_update
400	Bad Request	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

response_backups_update

Name	Description	Schema
account *optional*	ID of the account this backup is associated with.	integer
description *optional*	Description for the resource.	string
dr_account_regions *optional*	Target regions in the DR account to copy to. Can be one or multiple regions.	string
dr_regions *optional*	DR region.	string
dr_status *optional*	Backup's DR status. **Allowed Enum Values** * N (N/A) * P (Pending) * I (In Progress) * S (Skipped) * C (Completed) * F (Failed)	enum (N, P, I, S, C, F)
end_time *optional*	Backup's end time.	string
glacier_archive_status *optional*	Status of the archive to Glacier.	response_backups_update_glacier_archive_status
id *optional*	Unique ID of the resource in CPM.	integer
is_freezer_item *optional*	Whether this backup item was moved to freezer or not.	boolean
is_recoverable *optional*	Can this backup be recovered.	boolean
is_retry *optional*	Whether this backup is a retry attempt or not.	boolean
marked_for_deletion *optional*	Whether this backup is marked for deletion or not.	boolean
move_to_freezer_enabled *optional*		boolean

Name	Description	Schema
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
performed_quiecse *optional*	Whether quiesce was performed or not.	boolean
policy *optional*	Policy that the backup is associated with.	integer
retry_scheduled *optional*	Whether a retry is scheduled to be performed or not.	boolean
s3_copy_status *optional*	Copy to S3 status (license dependent).	response_backups_update_s3_copy_status
start_time *optional*	Backup's start time.	string
status *optional*	Backup's status. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Backup Successful) * A (Backup Partially Successful) * S (Not All Snapshots Succeeded) * D (All Snapshots Deleted) * F (Backup Failed) * M (Moved to S3 Storage) * G (Moved to S3 Glacier)	enum (I, P, B, A, S, D, F, M, G)
user *optional*	ID of the owner user.	integer

response_backups_update_glacier_archive_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the archive to Glacier.	string

Name	Description	Schema
status *optional*	Status of the archive to Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_backups_update_s3_copy_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the copy to S3.	integer
status *optional*	Status of the copy to S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

7.75.4. Consumes

- `application/json`

7.75.5. Produces

- `application/json`

7.76. Delete a CPM freezer backup record

```
DELETE /api/backups/{id}/
```

7.76.1. Description

This endpoint deletes the CPM freezer backup record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own freezer backup record.
* Root user can also delete freezer backup record for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete the freezer backup record for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.76.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

7.76.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

7.77. List the selected logs

```
GET /api/backups/{id}/logs/
```

7.77.1. Description

This endpoint returns a list of logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

7.77.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

7.77.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_backups_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string

Name	Description	Schema
log_type *optional*	Severity of the logging.	string

7.77.4. Produces

- `application/json`
- `text/csv`

Chapter 8. Captured_vpcs

8.1. List captured VPCs

```
GET /api/captured_vpcs/
```

8.1.1. Description

This endpoint returns a list of captured VPCs.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own captured VPCs.
* Root user can also get the captured VPCs of the managed users.
* Delegates can get the captured VPCs of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

8.1.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the associated account.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * region	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**region** *optional*	VPC region.	number
Query	**search** *optional*	Search term to look for in the fields: *	string
Query	**user** *optional*	ID of the owner user.	string

8.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_captured_vpcs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_captured_vpcs_list

Name	Description	Schema
account *optional*	ID of the associated account.	integer
capture_time *optional*	Time when the VPC data was captured.	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
region *optional*	VPC region.	string
template_size *optional*	Estimated size of CloudFormation template that constructs this VPC on clone operation.	integer
vpc_aws_id *optional*	ID of the VPC in AWS.	string

8.1.4. Produces

- `application/json`

8.2. List the selected logs

```
GET /api/captured_vpcs/logs/
```

8.2.1. Description

This endpoint returns the logs for the last captured VPC clone.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

8.2.2. Responses

HTTP Code	Description	Schema
200	OK	< response_captured_vpcs_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_captured_vpcs_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string
log_type *optional*	Severity of the logging.	string

8.2.3. Produces

- `application/json`
- `text/csv`

8.3. Retrieve a captured VPC

```
GET /api/captured_vpcs/{id}/
```

8.3.1. Description

This endpoint returns the VPC for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own captured VPCs.
* Root user can also get the captured VPCs of the managed users.
* Delegates can get the captured VPCs of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

8.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

8.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_captured_vpcs_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_captured_vpcs_read

Name	Description	Schema
account *optional*	ID of the associated account.	integer
capture_time *optional*	Time when the VPC data was captured.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
name *optional*	Name of the resource.	string
region *optional*	VPC region.	string
template_size *optional*	Estimated size of CloudFormation template that constructs this VPC on clone operation.	integer
vpc_aws_id *optional*	ID of the VPC in AWS.	string

8.3.4. Produces

- `application/json`

8.4. Download a VPC's CloudFormation template

```
GET /api/captured_vpcs/{id}/cloudformation_template/
```

8.4.1. Description

This endpoint downloads a VPC's CloudFormation template.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

8.4.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*		string
Query	**bucket_name** *optional*	Name of an existing S3 bucket on the destination region.	string
Query	**search** *optional*	Search term to look for in the fields: *	string
Query	**to_account** *optional*	Destination account ID.	number
Query	**to_region** *optional*	Destination AWS region name.	string
Query	**to_vpc** *optional*	New VPC name.	string

8.4.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

8.4.4. Produces

- `application/json`

Chapter 9. Cost_explorer

9.1. List blended costs for storage of backup target snapshots in the given time frame for several policies

```
GET /api/cost_explorer/backup_costs/
```

9.1.1. Description

This endpoint lists the costs for storage of AWS snapshots that were created for the policies of the given user, in the given time frame.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Authenticated user which is permitted to use this API can see the costs of his own policies.
* Root and independent users can also see the costs for policies of the managed users.
* Delegates can see the costs for policies of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

9.1.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	Account the policy is associated with.	string
Query	**end_date** *optional*	End date for the cost estimation time frame.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * enabled * generations * name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**schedules** *optional*	Schedule IDs associated with this policy for when to backup.	string

Type	Name	Description	Schema
Query	**search** *optional*	Search term to look for in the fields: * name * description * name of related schedule * description of related schedule	string
Query	**start_date** *optional*	Start date for the cost estimation time frame.	string
Query	**user** *optional*	ID of the owner user.	string

9.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_cost_explorer_backup_costs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_cost_explorer_backup_costs_list

Name	Description	Schema
blended_costs *optional*	Blended costs (USD) for storage of AWS snapshots.	number
end_date *optional*	End date for the cost estimation time frame.	string
policy *optional*	Policy ID of the policy whose costs are to be displayed.	integer
start_date *optional*	Start date for the cost estimation time frame.	string
user *optional*	User ID of the user whose policies costs are to be displayed.	integer

9.1.4. Produces

- `application/json`

9.2. Retrieve policy's blended costs for storage of backup target snapshots in the given time frame

```
GET /api/cost_explorer/backup_costs/{id}/
```

9.2.1. Description

This endpoint retrieves the costs for storage of AWS snapshots that were created for the specified policy in the given time frame.

Permissions and Restrictions:
* Authenticated user which is permitted to use this API can see the costs of his own policies.
* Root and independent users can also see the costs for policies of the managed users.
* Delegates can see the costs for policies of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

9.2.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

9.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_cost_explorer_backup_costs_read > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_cost_explorer_backup_costs_read

Name	Description	Schema
blended_costs *optional*	Blended costs (USD) for storage of AWS snapshots.	number

Name	Description	Schema
end_date *optional*	End date for the cost estimation time frame.	string
policy *optional*	Policy ID of the policy whose costs are to be displayed.	integer
start_date *optional*	Start date for the cost estimation time frame.	string
user *optional*	User ID of the user whose policies costs are to be displayed.	integer

9.2.4. Produces

- `application/json`

9.3. Refresh cached predicted hourly cost of all resource control groups

```
POST /api/cost_explorer/resource_control_savings/
```

9.3.1. Description

This endpoint refreshes the cached predicted hourly cost of all resource control groups.

Permissions and Restrictions:
* Any authenticated user can refresh savings prediction for his own resource control groups.
* Root and independent users can also refresh the savings prediction for resource control groups of the managed users.
* Delegates can refresh the savings prediction for resource control groups of their original user.
* This API is license dependent.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

9.3.2. Responses

HTTP Code	Description	Schema
200	OK	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

9.4. List cached monthly savings predictions per resource control group

```
GET /api/cost_explorer/resource_control_savings/
```

9.4.1. Description

This endpoint returns a list of cached monthly savings predictions per resource control group.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get savings prediction for his own resource control groups.
* Root and independent users can also get the savings prediction for resource control groups of the managed users.
* Delegates can get the savings prediction for resource control groups of their original user.
* This API is license dependent.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

9.4.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	Account the resource control group is associated with.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * enabled * name * timeout * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * name * account	string

Type	Name	Description	Schema
Query	**user** *optional*	ID of the owner user.	string

9.4.3. Responses

HTTP Code	Description	Schema
200	OK	< response_cost_explorer_resource_control_savings_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_cost_explorer_resource_control_savings_list

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
enabled *optional*	If set, the resource control group is enabled.	boolean
end_time *optional*	Resource control group savings prediction end time (one month after time of request).	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
start_time *optional*	Resource control group savings prediction start time (time of request).	string
total_downtime_hours *optional*	Total resource control group downtime during prediction period (hours).	number
total_savings_usd *optional*	Monthly savings prediction of the resource control group (USD).	number
user *optional*	ID of the owner user.	integer

9.4.4. Produces

- `application/json`

9.5. Retrieve a cached monthly savings prediction for a resource control group

```
GET /api/cost_explorer/resource_control_savings/{id}/
```

9.5.1. Description

This endpoint returns the cached monthly savings prediction of the resource control group whose id is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get savings prediction for his own resource control groups.
* Root and independent users can also get the savings prediction for resource control groups of the managed users.
* Delegates can get the savings prediction for resource control groups of their original user.
* This API is license dependent.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

9.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

9.5.3. Responses

HTTP Code	Description	Schema
200	OK	< response_cost_explorer_resource_control_savings_read > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_cost_explorer_resource_control_savings_read

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
enabled *optional*	If set, the resource control group is enabled.	boolean
end_time *optional*	Resource control group savings prediction end time (one month after time of request).	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
start_time *optional*	Resource control group savings prediction start time (time of request).	string
total_downtime_hours *optional*	Total resource control group downtime during prediction period (hours).	number
total_savings_usd *optional*	Monthly savings prediction of the resource control group (USD).	number
user *optional*	ID of the owner user.	integer

9.5.4. Produces

- `application/json`

9.6. Refresh cached predicted hourly cost of a resource control group

```
PUT /api/cost_explorer/resource_control_savings/{id}/
```

9.6.1. Description

This endpoint refreshes the cached predicted hourly cost of a resource control group whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can refresh savings prediction for his own resource control groups.
* Root and independent users can also refresh the savings prediction for resource control groups of the managed users.
* Delegates can refresh the savings prediction for resource control groups of their original user.
* This API is license dependent.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

9.6.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

9.6.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Chapter 10. Delegates

10.1. Create a CPM delegate user

```
POST /api/delegates/
```

10.1.1. Description

This endpoint creates a new CPM delegate user.

Permissions and Restrictions:
* Only the root user can create a new CPM user.
* Delegate users cannot be created for users authenticated via an external identity provider.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

10.1.2. Parameters

Type	Name	Schema
Body	**data_delegates_create** *required*	data_delegates_create

data_delegates_create

Name	Description	Schema
email *optional*	Email address.	string
password *required*	Password to authenticate with.	string
profile *required*	User profile.	data_delegates_create_profile
username *required*	Name can only contain alphanumeric characters, underscore and dash.	string

data_delegates_create_profile

Name	Description	Schema
allow_account_changes *optional*	If set, the user has permission to add and remove AWS accounts as well as to edit accounts and modify credentials.	boolean

Name	Description	Schema
allow_backup_changes *optional*	If set, the user has permission to add, remove, and edit policies and schedules as well as to add and remove backup targets.	boolean
allow_recovery *optional*	If set, the user has permission to perform recovery operations.	boolean
allow_settings_changes *optional*	If set, the user has permission to change CPM settings.	boolean
original_user *required*	ID of the user whose environment this delegate can access.	integer

10.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_delegates_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_delegates_create

Name	Description	Schema
email *optional*	Email address.	string
id *optional*	Unique ID of the resource in CPM.	integer
num_accounts *optional*	Number of associated accounts.	integer
num_frozen_items *optional*		integer
num_policies *optional*	Number of associated policies.	integer
profile *optional*	User profile.	response_delegates_create_profile
user_type *optional*	Type of current user.	string
username *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

response_delegates_create_profile

Name	Description	Schema
allow_account_changes *optional*	If set, the user has permission to add and remove AWS accounts as well as to edit accounts and modify credentials.	boolean
allow_backup_changes *optional*	If set, the user has permission to add, remove, and edit policies and schedules as well as to add and remove backup targets.	boolean
allow_recovery *optional*	If set, the user has permission to perform recovery operations.	boolean
allow_settings_changes *optional*	If set, the user has permission to change CPM settings.	boolean
domain_name *optional*	Domain name of the external identity provider.	string
is_external_authentication *optional*	If set, the user is authenticated by an external identity provider.	boolean
original_user *optional*	ID of the user whose environment this delegate can access.	integer

10.1.4. Consumes

- `application/json`

10.1.5. Produces

- `application/json`

10.2. List CPM delegate users

```
GET /api/delegates/
```

10.2.1. Description

This endpoint returns a list of CPM delegate users.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Only the root user can get the list of CPM delegate users.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

10.2.2. Parameters

Type	Name	Description	Schema
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * original_user * username	string
Query	**original_user** *optional*	ID of the user whose environment this delegate can access.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * username * username of original user	string

10.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_delegates_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_delegates_list

Name	Description	Schema
email *optional*	Email address.	string
id *optional*	Unique ID of the resource in CPM.	integer
num_accounts *optional*	Number of associated accounts.	integer
num_frozen_items *optional*		integer
num_policies *optional*	Number of associated policies.	integer
profile *optional*	User profile.	response_delegates_list_profile
user_type *optional*	Type of current user.	string
username *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

response_delegates_list_profile

Name	Description	Schema
allow_account_changes *optional*	If set, the user has permission to add and remove AWS accounts as well as to edit accounts and modify credentials.	boolean
allow_backup_changes *optional*	If set, the user has permission to add, remove, and edit policies and schedules as well as to add and remove backup targets.	boolean
allow_recovery *optional*	If set, the user has permission to perform recovery operations.	boolean
allow_settings_changes *optional*	If set, the user has permission to change CPM settings.	boolean
domain_name *optional*	Domain name of the external identity provider.	string
is_external_authentication *optional*	If set, the user is authenticated by an external identity provider.	boolean
original_user *optional*	ID of the user whose environment this delegate can access.	integer

10.2.4. Produces

- `application/json`

10.3. Retrieve a CPM delegate user

```
GET /api/delegates/{id}/
```

10.3.1. Description

This endpoint returns the CPM delegate user whose ID is passed in the URL path.

Permissions and Restrictions:
* Only the root user can get the requested CPM delegate user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

10.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

10.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_delegates_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_delegates_read

Name	Description	Schema
email *optional*	Email address.	string
id *optional*	Unique ID of the resource in CPM.	integer
num_accounts *optional*	Number of associated accounts.	integer

Name	Description	Schema
num_frozen_items *optional*		integer
num_policies *optional*	Number of associated policies.	integer
profile *optional*	User profile.	response_delegates_read_profile
user_type *optional*	Type of current user.	string
username *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

response_delegates_read_profile

Name	Description	Schema
allow_account_changes *optional*	If set, the user has permission to add and remove AWS accounts as well as to edit accounts and modify credentials.	boolean
allow_backup_changes *optional*	If set, the user has permission to add, remove, and edit policies and schedules as well as to add and remove backup targets.	boolean
allow_recovery *optional*	If set, the user has permission to perform recovery operations.	boolean
allow_settings_changes *optional*	If set, the user has permission to change CPM settings.	boolean
domain_name *optional*	Domain name of the external identity provider.	string
is_external_authentication *optional*	If set, the user is authenticated by an external identity provider.	boolean
original_user *optional*	ID of the user whose environment this delegate can access.	integer

10.3.4. Produces

- `application/json`

10.4. Update a CPM delegate user

```
PUT /api/delegates/{id}/
```

10.4.1. Description

This endpoint updates the CPM delegate user whose ID is passed in the URL path.

Permissions and Restrictions:
* Only the root user can update other CPM delegate users.
* Delegate users authenticated via an external identity provider cannot be updated.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

10.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_delegates_update** *required*	data_delegates_update

data_delegates_update

Name	Description	Schema
email *optional*	Email address.	string
profile *required*	User profile.	data_delegates_update_profile

data_delegates_update_profile

Name	Description	Schema
allow_account_changes *optional*	If set, the user has permission to add and remove AWS accounts as well as to edit accounts and modify credentials.	boolean
allow_backup_changes *optional*	If set, the user has permission to add, remove, and edit policies and schedules as well as to add and remove backup targets.	boolean

Name	Description	Schema
allow_recovery *optional*	If set, the user has permission to perform recovery operations.	boolean
allow_settings_changes *optional*	If set, the user has permission to change CPM settings.	boolean

10.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_delegates_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_delegates_update

Name	Description	Schema
email *optional*	Email address.	string
id *optional*	Unique ID of the resource in CPM.	integer
num_accounts *optional*	Number of associated accounts.	integer
num_frozen_items *optional*		integer
num_policies *optional*	Number of associated policies.	integer
profile *optional*	User profile.	response_delegates_update_profile
user_type *optional*	Type of current user.	string
username *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

response_delegates_update_profile

Name	Description	Schema
allow_account_changes *optional*	If set, the user has permission to add and remove AWS accounts as well as to edit accounts and modify credentials.	boolean
allow_backup_changes *optional*	If set, the user has permission to add, remove, and edit policies and schedules as well as to add and remove backup targets.	boolean
allow_recovery *optional*	If set, the user has permission to perform recovery operations.	boolean
allow_settings_changes *optional*	If set, the user has permission to change CPM settings.	boolean
domain_name *optional*	Domain name of the external identity provider.	string
is_external_authentication *optional*	If set, the user is authenticated by an external identity provider.	boolean
original_user *optional*	ID of the user whose environment this delegate can access.	integer

10.4.4. Consumes

- `application/json`

10.4.5. Produces

- `application/json`

10.5. Delete a CPM delegate user

```
DELETE /api/delegates/{id}/
```

10.5.1. Description

This endpoint deletes the CPM delegate user whose ID is passed in the URL path. All the associated CPM accounts of the deleted user will **be deleted** as well.

Permissions and Restrictions:
* Only the root user can delete other CPM delegate users.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

10.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

10.5.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

10.6. Reset a CPM delegate user password

```
POST /api/delegates/{id}/reset_password/
```

10.6.1. Description

Reset password of the user whose ID is passed in the URL path.

Permissions and Restrictions:
* Only the root user can reset password of another CPM user.
* Root user cannot reset password for himself.
* Password of users authenticated via an external identity provider cannot be reset.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

10.6.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_delegates_reset_password** *required*	data_delegates_reset_password

data_delegates_reset_password

Name	Description	Schema
new_password *required*	New password to set.	string

10.6.3. Responses

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

10.6.4. Consumes

- `application/json`

Chapter 11. Explore_sessions

11.1. Create an explore session

```
POST /api/explore_sessions/
```

11.1.1. Description

This endpoint creates a new explore session.

Permissions and Restrictions:
* Any authenticated user can create a new explore session for himself.
* Root user can also create a new explore session for the managed users.
* Authenticated delegate user with `allow_file_level_restore` can create a new explore session for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.6.0`

11.1.2. Parameters

Type	Name	Schema
Body	**data_explore_sessions_create** *required*	data_explore_sessions_create

data_explore_sessions_create

Name	Description	Schema
aws_instance_id *optional*	ID of the resource in AWS.	string
aws_volume_ids *optional*	AWS volume IDs.	< string > array
backup_record *required*	ID of Backup record associated with the explore session.	integer
from_account *optional*	Restore from account.	integer
num_generations *optional*	If provided, the previous generations of backup record snapshots up to the provided `backup_record` will be associated with the explore session as well.	integer
region *optional*	ID of a region to restore from.	integer

Name	Description	Schema
source *optional*	Source to recover from. **Allowed Enum Values** * E (EBS) * S (S3)	enum (E, S)

11.1.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_explore_sessions_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_explore_sessions_create

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_instance_id *optional*	ID of the resource in AWS.	string
aws_volume_ids *optional*	AWS volume IDs.	< string > array
backup_record *optional*	ID of Backup record associated with the explore session.	integer
explore_type *optional*	Type of the explore session. **Allowed Enum Values** * I (Instance Volumes) * V (Independent Volumes) * D (RDS) * R (Redshift Cluster)	enum (I, V, D, R)
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
policy *optional*	ID of the policy this resource is associated with.	integer

Name	Description	Schema
session_path *optional*	Path for the explore session.	string
start_time *optional*	Explore session's start time.	string
status *optional*	Explore session's status. **Allowed Enum Values** * U (Undefined) * S (Session ended successfully) * P (Session expiration is in progress) * F (Session failure) * N (Open session is running)	enum (U, S, P, F, N)

11.1.4. Consumes

- `application/json`

11.1.5. Produces

- `application/json`

11.2. List explore sessions

```
GET /api/explore_sessions/
```

11.2.1. Description

This endpoint returns a list of explore sessions.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own explore sessions.
* Root user can also get the explore sessions of the managed users.
* Delegates can get the explore sessions of their original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.6.0`

11.2.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**backup_record** *optional*	ID of Backup record associated with the explore session.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * start_time	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**policy** *optional*	ID of the policy this resource is associated with.	string
Query	**search_by_instance** *optional*	Return sessions of backups which targeted an instance with an AWS ID which includes the given search term.	string
Query	**search_by_volume** *optional*	Return sessions of backups which targeted a volume with an AWS ID which includes the given search term.	string

Type	Name	Description	Schema
Query	**status** *optional*	Explore session's status.	string

11.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_explore_sessions_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_explore_sessions_list

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_instance_id *optional*	ID of the resource in AWS.	string
aws_volume_ids *optional*	AWS volume IDs.	< string > array
backup_record *optional*	ID of Backup record associated with the explore session.	integer
explore_type *optional*	Type of the explore session. **Allowed Enum Values** * I (Instance Volumes) * V (Independent Volumes) * D (RDS) * R (Redshift Cluster)	enum (I, V, D, R)
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
policy *optional*	ID of the policy this resource is associated with.	integer
session_path *optional*	Path for the explore session.	string
start_time *optional*	Explore session's start time.	string

Name	Description	Schema
status *optional*	Explore session's status. **Allowed Enum Values** * U (Undefined) * S (Session ended successfully) * P (Session expiration is in progress) * F (Session failure) * N (Open session is running)	enum (U, S, P, F, N)

11.2.4. Produces

- `application/json`

11.3. Expire all running explore sessions

```
DELETE /api/explore_sessions/
```

11.3.1. Description

This endpoint expires all running explore sessions.

Permissions and Restrictions:
* Any authenticated user can delete his own explore sessions.
* Root user can also delete explore sessions for the managed users.
* Authenticated delegate user with `allow_file_level_restore` can delete explore sessions for his original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

11.3.2. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

11.4. Prepare list of files and folders to be downloaded

```
POST /api/explore_sessions/{explore_session_id}/download/
```

11.4.1. Description

This endpoint prepares a list of files and folders to be archived and download as a zip file.

Permissions and Restrictions:
* Any authenticated user with explore permissions to download his mounted files.

> The actual download is performed using `GET` request and this API is prerequisite.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.6.0`

11.4.2. Parameters

Type	Name	Schema
Path	**explore_session_id** *required*	string
Body	**data_explore_sessions_download_create** *required*	data_explore_sessions_download_create

data_explore_sessions_download_create

Name	Description	Schema
paths *required*	List of paths to archive together and download.	< string > array

11.4.3. Responses

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

11.4.4. Consumes

- `application/json`

11.5. Archive and download list of files and folders as a zip file

```
GET /api/explore_sessions/{explore_session_id}/download/
```

11.5.1. Description

This endpoint archives and downloads a list of files and folders as a zip file.

Permissions and Restrictions:
* Any authenticated user with explore permissions to download his mounted files.

> This download only works after preapeing the list of files and folders to be downloaded using `POST` request.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

11.5.2. Parameters

Type	Name	Description	Schema
Path	**explore_session_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

11.5.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

11.5.4. Produces

- `application/zip`

11.6. List file system entries via POST request

```
POST /api/explore_sessions/{explore_session_id}/file_system_entries/
```

11.6.1. Description

This endpoint returns file system entries.

Permissions and Restrictions:
* Any authenticated user can get his own file system entries.
* Root user can also get the file system entries of the managed users.
* Delegates with `allow_file_level_restore` can get the file system entries of their original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

11.6.2. Parameters

Type	Name	Schema
Path	**explore_session_id** *required*	string
Body	**data_explore_sessions_file_system_entries_create** *required*	data_explore_sessions_file_system_entries_create

data_explore_sessions_file_system_entries_create

Name	Description	Schema
depth *optional*	Depth to explore sub directories.	string
path *optional*	Target path explore. Empty path will use root as path.	string
search *optional*	Search string to narrow results.	string

11.6.3. Responses

HTTP Code	Description	Schema
200	OK	response_explore_sessions_file_system_entries_create

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_explore_sessions_file_system_entries_create

Name	Description	Schema
children *optional*	List of all sub directories and files under the requested target.	< response_explore_sessions_file_system_entries_create_children > array
depth *optional*	Depth to explore sub directories.	integer
modified_time *optional*	Modification time of the file system entry.	string
name *optional*	Name of the file system entry.	string
parent *optional*	Path of parent directory.	string
path *optional*	Target path explore. Empty path will use root as path.	string
size *optional*	Size of the file system entry.	integer
type *optional*	**Allowed Enum Values** * F (File) * D (Directory)	enum (F, D)
url_friendly_path *optional*	Path explored by the API call, with special escape characters handled.	string

response_explore_sessions_file_system_entries_create_children

Name	Description	Schema
depth *optional*	Depth to explore sub directories.	integer
modified_time *optional*	Modification time of the file system entry.	string
name *optional*	Name of the file system entry.	string

Name	Description	Schema
parent *optional*	Path of parent directory.	string
path *optional*	Target path explore. Empty path will use root as path.	string
size *optional*	Size of the file system entry.	integer
type *optional*	**Allowed Enum Values** * F (File) * D (Directory)	enum (F, D)
url_friendly_path *optional*	Path explored by the API call, with special escape characters handled.	string

11.6.4. Consumes

- `application/json`

11.6.5. Produces

- `application/json`

11.7. List file system entries via GET request

```
GET /api/explore_sessions/{explore_session_id}/file_system_entries/
```

11.7.1. Description

This endpoint returns file system entries.

Permissions and Restrictions:
* Any authenticated user can get his own file system entries.
* Root user can also get the file system entries of the managed users.
* Delegates with `allow_file_level_restore` can get the file system entries of their original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

11.7.2. Parameters

Type	Name	Description	Schema
Path	**explore_session_id** *required*		string
Query	**depth** *optional*	Depth to explore sub directories.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**path** *optional*	Target path explore. Empty path will use root as path.	string
Query	**search** *optional*	Search string to narrow results.	string

11.7.3. Responses

HTTP Code	Description	Schema
200	OK	< response_explore_sessions_file_system_entries_list > array
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content

response_explore_sessions_file_system_entries_list

Name	Description	Schema
children *optional*	List of all sub directories and files under the requested target.	< response_explore_sessions_file_system_entries_list_children > array
depth *optional*	Depth to explore sub directories.	integer
modified_time *optional*	Modification time of the file system entry.	string
name *optional*	Name of the file system entry.	string
parent *optional*	Path of parent directory.	string
path *optional*	Target path explore. Empty path will use root as path.	string
size *optional*	Size of the file system entry.	integer
type *optional*	**Allowed Enum Values** * F (File) * D (Directory)	enum (F, D)
url_friendly_path *optional*	Path explored by the API call, with special escape characters handled.	string

response_explore_sessions_file_system_entries_list_children

Name	Description	Schema
depth *optional*	Depth to explore sub directories.	integer
modified_time *optional*	Modification time of the file system entry.	string
name *optional*	Name of the file system entry.	string
parent *optional*	Path of parent directory.	string

Name	Description	Schema
path *optional*	Target path explore. Empty path will use root as path.	string
size *optional*	Size of the file system entry.	integer
type *optional*	**Allowed Enum Values** * F (File) * D (Directory)	enum (F, D)
url_friendly_path *optional*	Path explored by the API call, with special escape characters handled.	string

11.7.4. Produces

- `application/json`

11.8. Reset the backup explore session timeout countdown

```
POST /api/explore_sessions/{explore_session_id}/keep_alive/
```

11.8.1. Description

This endpoint resets the backup explore session timeout countdown.

Permissions and Restrictions:
* Any authenticated user can reset his own explore session timeout.
* Root user can also reset explore session's timeout for the managed users.
* Authenticated delegate user with `allow_file_level_restore` can reset explore session's timeout for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

11.8.2. Parameters

Type	Name	Schema
Path	**explore_session_id** *required*	string

11.8.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

11.9. Retrieve an explore session

```
GET /api/explore_sessions/{id}/
```

11.9.1. Description

This endpoint returns the explore session for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own explore sessions.
* Root user can also get the explore sessions of the managed users.
* Delegates can get the explore sessions of their original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.6.0`

11.9.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

11.9.3. Responses

HTTP Code	Description	Schema
200	OK	response_explore_sessions_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_explore_sessions_read

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_instance_id *optional*	ID of the resource in AWS.	string
aws_volume_ids *optional*	AWS volume IDs.	< string > array

Name	Description	Schema
backup_record *optional*	ID of Backup record associated with the explore session.	integer
explore_type *optional*	Type of the explore session. **Allowed Enum Values** * I (Instance Volumes) * V (Independent Volumes) * D (RDS) * R (Redshift Cluster)	enum (I, V, D, R)
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
policy *optional*	ID of the policy this resource is associated with.	integer
session_path *optional*	Path for the explore session.	string
start_time *optional*	Explore session's start time.	string
status *optional*	Explore session's status. **Allowed Enum Values** * U (Undefined) * S (Session ended successfully) * P (Session expiration is in progress) * F (Session failure) * N (Open session is running)	enum (U, S, P, F, N)

11.9.4. Produces

- `application/json`

11.10. Expire an explore session

```
DELETE /api/explore_sessions/{id}/
```

11.10.1. Description

This endpoint expires the explore session for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own explore sessions.
* Root user can also delete explore sessions for the managed users.
* Authenticated delegate user with `allow_file_level_restore` can delete explore sessions for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

11.10.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

11.10.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Chapter 12. Freezer

12.1. List CPM freezer records

```
GET /api/freezer/
```

12.1.1. Description

This endpoint returns a list of CPM freezer records.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own freezer records.
* Root user can also get the freezer records of the managed users.
* Delegates can get the backup records of their original user.

> This endpoint is deprecated and will be removed in future release.
> Use `GET /api/backups/?is_freezer_item=true` instead.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`
- ***Deprecated since:*** `1.1.0`

12.1.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * dr_status * dr_status * name * policy * start_time * status * status * user	string
Query	**page** *optional*	A page number within the paginated result set.	integer

Type	Name	Description	Schema
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * name * description	string
Query	**user** *optional*	ID of the owner user.	string

12.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_freezer_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_freezer_list

Name	Description	Schema
account *optional*	ID of the account this backup is associated with.	integer
description *optional*	Description for the resource.	string
dr_account_regions *optional*	Target regions in the DR account to copy to. Can be one or multiple regions.	string
dr_regions *optional*	DR region.	string
dr_status *optional*	Backup's DR status. **Allowed Enum Values** * N (N/A) * P (Pending) * I (In Progress) * S (Skipped) * C (Completed) * F (Failed)	enum (N, P, I, S, C, F)
end_time *optional*	Backup's end time.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
is_retry *optional*	Whether this backup is a retry attempt or not.	boolean
marked_for_deletion *optional*	Whether this backup is marked for deletion or not.	boolean
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
performed_quiecse *optional*	Whether quiesce was performed or not.	boolean
policy *optional*	Policy that the backup is associated with.	integer
retry_scheduled *optional*	Whether a retry is scheduled to be performed or not.	boolean
start_time *optional*	Backup's start time.	string
status *optional*	Backup's status. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Backup Successful) * A (Backup Partially Successful) * S (Not All Snapshots Succeeded) * D (All Snapshots Deleted) * F (Backup Failed) * M (Moved to S3 Storage) * G (Moved to S3 Glacier)	enum (I, P, B, A, S, D, F, M, G)
user *optional*	ID of the owner user.	integer

12.1.4. Produces

- `application/json`

Chapter 13. Policies

13.1. Create a CPM policy

```
POST /api/policies/
```

13.1.1. Description

This endpoint creates a new CPM policy.

Permissions and Restrictions:
* Any authenticated user can create a new policy for himself.
* Root user can also create a new policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can create a new policy for his original user.
* Only root user is allowed to create 'cpmdata' policy.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

13.1.2. Parameters

Type	Name	Schema
Body	**data_policies_create** *required*	data_policies_create

data_policies_create

Name	Description	Schema
account *required*	Account the policy is associated with.	integer
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
description *optional*	Description for the resource.	string
dr_enabled *optional*	Indicates if this policy is DR enabled.	boolean

Name	Description	Schema
enable_agent_scripts *optional*	`Relevant for cpmdata policy` - Application Consistent scripts are turned off by default. Change to Enabled to turn on Application Consistent scripts.	boolean
enabled *optional*	If set, the policy will be enabled.	boolean
generations *optional*	Number of generations of backup data to keep.	integer
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array

13.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_create

Name	Description	Schema
account *optional*	Account the policy is associated with.	integer
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
copy_to_s3_enabled *optional*	Indicates if this policy's snapshots are copied to S3.	boolean
created_by_tag *optional*	Was this policy created by tag.	boolean
description *optional*	Description for the resource.	string
dr_enabled *optional*	Indicates if this policy is DR enabled.	boolean

Name	Description	Schema
enable_agent_scripts *optional*	`Relevant for cpmdata policy` - Application Consistent scripts are turned off by default. Change to Enabled to turn on Application Consistent scripts.	boolean
enabled *optional*	If set, the policy will be enabled.	boolean
generations *optional*	Number of generations of backup data to keep.	integer
id *optional*	Unique ID of the resource in CPM.	integer
is_archive_active *optional*	Is Archive operation currently running for this policy.	boolean
is_s3_cleanup_active *optional*	Is S3 Cleanup operation currently running for this policy.	boolean
last_dr_recovery_time *optional*	Last time a DR backup of the current policy was recovered.	string
last_modified *optional*	Modification time of the resource.	string
last_recovery_time *optional*	Last time a backup of the current policy was recovered.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
s3_operation_in_progress *optional*	Is there an S3 operation, such as Copy, Archive or Cleanup, that is currently running for this policy.	boolean
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array
user *optional*	ID of the owner user.	integer

13.1.4. Consumes

- `application/json`

13.1.5. Produces

- `application/json`

13.2. List CPM policies

```
GET /api/policies/
```

13.2.1. Description

This endpoint returns a list of CPM policies.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own policies.
* Root user can also get the policies of the managed users.
* Delegates can get the policies of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

13.2.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	Account the policy is associated with.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * enabled * generations * name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**schedules** *optional*	Schedule IDs associated with this policy for when to backup.	string
Query	**search** *optional*	Search term to look for in the fields: * name * description * name of related schedule * description of related schedule	string

Type	Name	Description	Schema
Query	**user** *optional*	ID of the owner user.	string

13.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_list

Name	Description	Schema
account *optional*	Account the policy is associated with.	integer
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
copy_to_s3_enabled *optional*	Indicates if this policy's snapshots are copied to S3.	boolean
created_by_tag *optional*	Was this policy created by tag.	boolean
description *optional*	Description for the resource.	string
dr_enabled *optional*	Indicates if this policy is DR enabled.	boolean
enable_agent_scripts *optional*	`Relevant for cpmdata policy` - Application Consistent scripts are turned off by default. Change to Enabled to turn on Application Consistent scripts.	boolean
enabled *optional*	If set, the policy will be enabled.	boolean
generations *optional*	Number of generations of backup data to keep.	integer
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
is_archive_active *optional*	Is Archive operation currently running for this policy.	boolean
is_s3_cleanup_active *optional*	Is S3 Cleanup operation currently running for this policy.	boolean
last_dr_recovery_time *optional*	Last time a DR backup of the current policy was recovered.	string
last_modified *optional*	Modification time of the resource.	string
last_recovery_time *optional*	Last time a backup of the current policy was recovered.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
s3_operation_in_progress *optional*	Is there an S3 operation, such as Copy, Archive or Cleanup, that is currently running for this policy.	boolean
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array
user *optional*	ID of the owner user.	integer

13.2.4. Produces

- `application/json`

13.3. Retrieve a CPM policy

```
GET /api/policies/{id}/
```

13.3.1. Description

This endpoint returns the CPM policy for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own policies.
* Root user can also get the policies of the managed users.
* Delegates can get the policies of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

13.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_read

Name	Description	Schema
account *optional*	Account the policy is associated with.	integer

Name	Description	Schema
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
copy_to_s3_enabled *optional*	Indicates if this policy's snapshots are copied to S3.	boolean
created_by_tag *optional*	Was this policy created by tag.	boolean
description *optional*	Description for the resource.	string
dr_enabled *optional*	Indicates if this policy is DR enabled.	boolean
enable_agent_scripts *optional*	`Relevant for cpmdata policy` - Application Consistent scripts are turned off by default. Change to Enabled to turn on Application Consistent scripts.	boolean
enabled *optional*	If set, the policy will be enabled.	boolean
generations *optional*	Number of generations of backup data to keep.	integer
id *optional*	Unique ID of the resource in CPM.	integer
is_archive_active *optional*	Is Archive operation currently running for this policy.	boolean
is_s3_cleanup_active *optional*	Is S3 Cleanup operation currently running for this policy.	boolean
last_dr_recovery_time *optional*	Last time a DR backup of the current policy was recovered.	string
last_modified *optional*	Modification time of the resource.	string
last_recovery_time *optional*	Last time a backup of the current policy was recovered.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
s3_operation_in_progress *optional*	Is there an S3 operation, such as Copy, Archive or Cleanup, that is currently running for this policy.	boolean
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array

Name	Description	Schema
user *optional*	ID of the owner user.	integer

13.3.4. Produces

- `application/json`

13.4. Update a CPM policy

```
PUT /api/policies/{id}/
```

13.4.1. Description

This endpoint updates the CPM policy for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own policies.
* Root user can also update policies for the managed users.
* Authenticated delegate user with `allow_backup_changes` can update policies for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_policies_update** *required*	data_policies_update

data_policies_update

Name	Description	Schema
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
description *optional*	Description for the resource.	string
dr_enabled *optional*	Indicates if this policy is DR enabled.	boolean
enable_agent_scripts *optional*	`Relevant for cpmdata policy` - Application Consistent scripts are turned off by default. Change to Enabled to turn on Application Consistent scripts.	boolean

Name	Description	Schema
enabled *optional*	If set, the policy will be enabled.	boolean
generations *optional*	Number of generations of backup data to keep.	integer
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array

13.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_update

Name	Description	Schema
account *optional*	Account the policy is associated with.	integer
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
copy_to_s3_enabled *optional*	Indicates if this policy's snapshots are copied to S3.	boolean
created_by_tag *optional*	Was this policy created by tag.	boolean
description *optional*	Description for the resource.	string
dr_enabled *optional*	Indicates if this policy is DR enabled.	boolean

Name	Description	Schema
enable_agent_scripts *optional*	`Relevant for cpmdata policy` - Application Consistent scripts are turned off by default. Change to Enabled to turn on Application Consistent scripts.	boolean
enabled *optional*	If set, the policy will be enabled.	boolean
generations *optional*	Number of generations of backup data to keep.	integer
id *optional*	Unique ID of the resource in CPM.	integer
is_archive_active *optional*	Is Archive operation currently running for this policy.	boolean
is_s3_cleanup_active *optional*	Is S3 Cleanup operation currently running for this policy.	boolean
last_dr_recovery_time *optional*	Last time a DR backup of the current policy was recovered.	string
last_modified *optional*	Modification time of the resource.	string
last_recovery_time *optional*	Last time a backup of the current policy was recovered.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
s3_operation_in_progress *optional*	Is there an S3 operation, such as Copy, Archive or Cleanup, that is currently running for this policy.	boolean
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array
user *optional*	ID of the owner user.	integer

13.4.4. Consumes

- `application/json`

13.4.5. Produces

- `application/json`

13.5. Delete a CPM policy

```
DELETE /api/policies/{id}/
```

13.5.1. Description

This endpoint deletes the CPM policy for the ID passed in the URL path.The snapshots associated with the deleted policy will **be deleted** as well.

Permissions and Restrictions:
* Any authenticated user can delete his own policies.
* Root user can also delete policies for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete policies for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.5.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.6. Create a CPM policy backup ASAP

```
POST /api/policies/{id}/backups/
```

13.6.1. Description

This endpoint creates a new CPM policy backup.

Permissions and Restrictions:
* Any authenticated user can create a new policy backup for himself.
* Root user can also create a new policy backup for the managed users.
* Authenticated delegate user with `allow_backup_changes` can create a new policy backup for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

13.6.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.6.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_policies_create_backups
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

response_policies_create_backups

Name	Description	Schema
tracker_id *optional*	Tracker ID of backup record progress.	integer

13.6.4. Produces

- `application/json`

13.7. Show 'Copy to S3 repository' options of a CPM policy

```
GET /api/policies/{id}/copy_to_s3/
```

13.7.1. Description

This endpoint returns the 'Copy to S3 repository' options of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own options.
* Root user can also get the options of the managed users.
* Delegates can get the options of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

13.7.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.7.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_copy_to_s3_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_copy_to_s3_read

Name	Description	Schema
archive_storage_class *optional*	Storage class to use for snapshot data stored in archive. Valid options are: 'Glacier' (default) or 'Deep Archive' **Allowed Enum Values** * GLACIER (Glacier) * DEEP_ARCHIVE (Deep Archive)	enum (GLACIER, DEEP_ARCHIVE)
copy_interval *optional*	Distance (in generations) between two subsequent copied backups.	integer
copy_to_glacier *optional*		response_policies_copy_to_s3_read_copy_to_glacier
delete_aws_snapshot_after_copy *optional*	If set, EBS snapshots are deleted from AWS immediately after copy to S3.	boolean
enable_copy_to_glacier *optional*	If set, Copy to Glacier will be enabled.	boolean
enabled *optional*	If set, the S3 Copy will be enabled.	boolean
repository *optional*	S3 repository the policy is associated with.	integer
resource_type *optional*	Resource type.	string
retain_in_glacier *optional*		response_policies_copy_to_s3_read_retain_in_glacier
retention_generation_based *optional*	Retention based on number of generations.	response_policies_copy_to_s3_read_retention_generation_based
retention_time_based *optional*	Retention based on snapshot's age.	response_policies_copy_to_s3_read_retention_time_based
s3_storage_class *optional*	Storage class to use for snapshot data stored in S3. Valid options are: 'Standard' (default), 'Infrequent Access' or 'Intelligent Tiering' **Allowed Enum Values** * STANDARD (Standard) * STANDARD_IA (Infrequent Access) * INTELLIGENT_TIERING (Intelligent Tiering)	enum (STANDARD, STANDARD_IA, INTELLIGENT_TIERING)

response_policies_copy_to_s3_read_copy_to_glacier

Name	Description	Schema
every_how *optional*	Distance (in time) between two subsequent archived backups.. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Determines the time between two subsequent archived backups. Works in conjunction with `every_how_many`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

response_policies_copy_to_s3_read_retain_in_glacier

Name	Description	Schema
retain_duration *optional*	Time unit for the archived backup retention duration. Works in conjunction with `retain_unit`.	integer
retain_unit *optional*	Determines the minimum time to retain an archived backup. Works in conjunction with `retain_duration`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

response_policies_copy_to_s3_read_retention_generation_based

Name	Description	Schema
enabled *optional*	If set, this retention rule will be enabled.	boolean
num_generations *optional*	How many generations of backup data to keep.	integer

response_policies_copy_to_s3_read_retention_time_based

Name	Description	Schema
enabled *optional*	If set, this retention rule will be enabled.	boolean
every_how_many *optional*	Determines the minimum time to retain a snapshot. Works in conjunction with `every_unit`.	integer

Name	Description	Schema
every_unit *optional*	Time unit for the retention duration. Works in conjunction with `every_how_many`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

13.7.4. Produces

- `application/json`

13.8. Update 'Copy to S3 repository' options of a CPM policy

```
PUT /api/policies/{id}/copy_to_s3/
```

13.8.1. Description

This endpoint updates the 'Copy to S3 repository' options of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own options.
* Root user can also update the options of the managed users.
* Authenticated delegate user with `allow_backup_changes` can update the options of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

13.8.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_policies_copy_to_s3_update** *required*	data_policies_copy_to_s3_update

data_policies_copy_to_s3_update

Name	Description	Schema
archive_storage_class *optional*	Storage class to use for snapshot data stored in archive. Valid options are: 'Glacier' (default) or 'Deep Archive' **Allowed Enum Values** * GLACIER (Glacier) * DEEP_ARCHIVE (Deep Archive)	enum (GLACIER, DEEP_ARCHIVE)
copy_interval *optional*	Distance (in generations) between two subsequent copied backups.	integer
copy_to_glacier *optional*		data_policies_copy_to_s3_update_copy_to_glacier

Name	Description	Schema
delete_aws_snapshot_after_copy *optional*	If set, EBS snapshots are deleted from AWS immediately after copy to S3.	boolean
enable_copy_to_glacier *optional*	If set, Copy to Glacier will be enabled.	boolean
enabled *optional*	If set, the S3 Copy will be enabled.	boolean
repository *optional*	S3 repository the policy is associated with.	integer
retain_in_glacier *optional*		data_policies_copy_to_s3_update_retain_in_glacier
retention_generation_based *optional*	Retention based on number of generations.	data_policies_copy_to_s3_update_retention_generation_based
retention_time_based *optional*	Retention based on snapshot's age.	data_policies_copy_to_s3_update_retention_time_based
s3_storage_class *optional*	Storage class to use for snapshot data stored in S3. Valid options are: 'Standard' (default), 'Infrequent Access' or 'Intelligent Tiering' **Allowed Enum Values** * STANDARD (Standard) * STANDARD_IA (Infrequent Access) * INTELLIGENT_TIERING (Intelligent Tiering)	enum (STANDARD, STANDARD_IA, INTELLIGENT_TIERING)

data_policies_copy_to_s3_update_copy_to_glacier

Name	Description	Schema
every_how *optional*	Distance (in time) between two subsequent archived backups.. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Determines the time between two subsequent archived backups. Works in conjunction with `every_how_many`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

data_policies_copy_to_s3_update_retain_in_glacier

Name	Description	Schema
retain_duration *optional*	Time unit for the archived backup retention duration. Works in conjunction with `retain_unit`.	integer
retain_unit *optional*	Determines the minimum time to retain an archived backup. Works in conjunction with `retain_duration`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

data_policies_copy_to_s3_update_retention_generation_based

Name	Description	Schema
enabled *optional*	If set, this retention rule will be enabled.	boolean
num_generations *optional*	How many generations of backup data to keep.	integer

data_policies_copy_to_s3_update_retention_time_based

Name	Description	Schema
enabled *optional*	If set, this retention rule will be enabled.	boolean
every_how_many *optional*	Determines the minimum time to retain a snapshot. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Time unit for the retention duration. Works in conjunction with `every_how_many`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

13.8.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_copy_to_s3_update
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_copy_to_s3_update

Name	Description	Schema
archive_storage_class *optional*	Storage class to use for snapshot data stored in archive. Valid options are: 'Glacier' (default) or 'Deep Archive' **Allowed Enum Values** * GLACIER (Glacier) * DEEP_ARCHIVE (Deep Archive)	enum (GLACIER, DEEP_ARCHIVE)
copy_interval *optional*	Distance (in generations) between two subsequent copied backups.	integer
copy_to_glacier *optional*		response_policies_copy_to_s3_update_copy_to_glacier
delete_aws_snapshot_after_copy *optional*	If set, EBS snapshots are deleted from AWS immediately after copy to S3.	boolean
enable_copy_to_glacier *optional*	If set, Copy to Glacier will be enabled.	boolean
enabled *optional*	If set, the S3 Copy will be enabled.	boolean
repository *optional*	S3 repository the policy is associated with.	integer
resource_type *optional*	Resource type.	string
retain_in_glacier *optional*		response_policies_copy_to_s3_update_retain_in_glacier
retention_generation_based *optional*	Retention based on number of generations.	response_policies_copy_to_s3_update_retention_generation_based

Name	Description	Schema
retention_time_based *optional*	Retention based on snapshot's age.	response_policies_copy_to_s3_update_retention_time_based
s3_storage_class *optional*	Storage class to use for snapshot data stored in S3. Valid options are: 'Standard' (default), 'Infrequent Access' or 'Intelligent Tiering' **Allowed Enum Values** * STANDARD (Standard) * STANDARD_IA (Infrequent Access) * INTELLIGENT_TIERING (Intelligent Tiering)	enum (STANDARD, STANDARD_IA, INTELLIGENT_TIERING)

response_policies_copy_to_s3_update_copy_to_glacier

Name	Description	Schema
every_how *optional*	Distance (in time) between two subsequent archived backups.. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Determines the time between two subsequent archived backups. Works in conjunction with `every_how_many`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

response_policies_copy_to_s3_update_retain_in_glacier

Name	Description	Schema
retain_duration *optional*	Time unit for the archived backup retention duration. Works in conjunction with `retain_unit`.	integer
retain_unit *optional*	Determines the minimum time to retain an archived backup. Works in conjunction with `retain_duration`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

response_policies_copy_to_s3_update_retention_generation_based

Name	Description	Schema
enabled *optional*	If set, this retention rule will be enabled.	boolean
num_generations *optional*	How many generations of backup data to keep.	integer

response_policies_copy_to_s3_update_retention_time_based

Name	Description	Schema
enabled *optional*	If set, this retention rule will be enabled.	boolean
every_how_many *optional*	Determines the minimum time to retain a snapshot. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Time unit for the retention duration. Works in conjunction with `every_how_many`. **Allowed Enum Values** * O (Months) * Y (Years) * D (Days) * W (Weeks)	enum (O, Y, D, W)

13.8.4. Consumes

- `application/json`

13.8.5. Produces

- `application/json`

13.9. Retrieve DR options of a CPM policy

```
GET /api/policies/{id}/dr/
```

13.9.1. Description

This endpoint returns the DR options of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own policy DR options.
* Root user can also get the policy DR options of the managed users.
* Delegates can get the policy DR options of their original user.
* Cross-account fields are available only if your CPM is licensed for cross-account functionality.
* DR on Redshift clusters can only be enabled by configuring cross-region snapshots using the AWS Console.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.9.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.9.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_dr_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_dr_read

Name	Description	Schema
cross_account_dr *optional*	List of cross-account DR-related fields.	response_policies_dr_read_cross_account_dr

Name	Description	Schema
dr_enabled *optional*	Whether DR is enabled for this policy. By default DR is disabled.	boolean
dr_frequency *optional*	Sets the run frequency for DR backups.	integer
dr_regions *optional*	Target regions to copy data to. Can be one or multiple regions.	< integer > array
dr_timeout_hours *optional*	Number of hours after which a DR process is assumed to have hung and failed.	integer

response_policies_dr_read_cross_account_dr

Name	Description	Schema
copy_to_snapshot_original_region *optional*	Whether to copy each snapshot to it's original region in the DR account.	boolean
dr_account *optional*	To which DR account to copy the snapshots.	integer
dr_account_regions *optional*	Target regions in the DR account to copy to. Can be one or multiple regions.	< integer > array
dr_keep_original_snapshots *optional*	Whether to keep the snapshots both in the original and the DR accounts or to delete the original snapshots once they are copied to the DR account.	boolean

13.9.4. Produces

- `application/json`

13.10. Update DR options of a CPM policy

```
PUT /api/policies/{id}/dr/
```

13.10.1. Description

This endpoint updates the DR options of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own policy DR options.
* Root user can also update the policy DR options of the managed users.
* Delegates can update the policy DR options of their original user.
* Cross-account fields are available only if your CPM is licensed for cross-account functionality.
* DR on Redshift clusters can only be enabled by configuring cross-region snapshots using the AWS Console.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.10.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_policies_dr_update** *required*	data_policies_dr_update

data_policies_dr_update

Name	Description	Schema
cross_account_dr *optional*	List of cross-account DR-related fields.	data_policies_dr_update_cross_account_dr
dr_enabled *optional*	Whether DR is enabled for this policy. By default DR is disabled.	boolean
dr_frequency *optional*	Sets the run frequency for DR backups.	integer
dr_regions *optional*	Target regions to copy data to. Can be one or multiple regions.	< integer > array
dr_timeout_hours *optional*	Number of hours after which a DR process is assumed to have hung and failed.	integer

data_policies_dr_update_cross_account_dr

Name	Description	Schema
copy_to_snapshot_original_region *optional*	Whether to copy each snapshot to it's original region in the DR account.	boolean
dr_account *optional*	To which DR account to copy the snapshots.	integer
dr_account_regions *optional*	Target regions in the DR account to copy to. Can be one or multiple regions.	< integer > array
dr_keep_original_snapshots *optional*	Whether to keep the snapshots both in the original and the DR accounts or to delete the original snapshots once they are copied to the DR account.	boolean

13.10.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_dr_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_dr_update

Name	Description	Schema
cross_account_dr *optional*	List of cross-account DR-related fields.	response_policies_dr_update_cross_account_dr
dr_enabled *optional*	Whether DR is enabled for this policy. By default DR is disabled.	boolean
dr_frequency *optional*	Sets the run frequency for DR backups.	integer
dr_regions *optional*	Target regions to copy data to. Can be one or multiple regions.	< integer > array
dr_timeout_hours *optional*	Number of hours after which a DR process is assumed to have hung and failed.	integer

response_policies_dr_update_cross_account_dr

Name	Description	Schema
copy_to_snapshot_original_region *optional*	Whether to copy each snapshot to it's original region in the DR account.	boolean
dr_account *optional*	To which DR account to copy the snapshots.	integer
dr_account_regions *optional*	Target regions in the DR account to copy to. Can be one or multiple regions.	< integer > array
dr_keep_original_snapshots *optional*	Whether to keep the snapshots both in the original and the DR accounts or to delete the original snapshots once they are copied to the DR account.	boolean

13.10.4. Consumes

- `application/json`

13.10.5. Produces

- `application/json`

13.11. Retrieve options of a CPM policy

```
GET /api/policies/{id}/options/
```

13.11.1. Description

This endpoint returns the options of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Policy options will show only if the policy name is NOT `cpmdata`.
* Any authenticated user can get his own policy options.
* Root user can also get the policy options of the managed users.
* Delegates can get the policy options of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.11.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.11.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_options_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_options_read

Name	Description	Schema
agent_script_timeout *optional*	Timeout (in seconds) - allotted time for each script to run.	integer
collect_script_output *optional*	Output of backup scripts goes to the standard error (stderr).	boolean

Name	Description	Schema
considered_successful *optional*	Backup considered valid. **Allowed Enum Values** * B (Finished with no Issues) * A (Snapshots Succeeded. Even if scripts or VSS failed)	enum (B, A)
enable_agent_scripts *optional*	Backup scripts are turned off by default. Change to Activate to turn on backup scripts.	boolean
minutes_between_retries *optional*	Amount of time CPM waits after a failure before retrying.	integer
num_failures_for_alert *optional*	Number of failures before CPM triggers an alert.	integer
number_of_retries *optional*	Maximum number of retries after each failed backup (the default is three).	integer

13.11.4. Produces

- `application/json`

13.12. Update options of a CPM policy

```
PUT /api/policies/{id}/options/
```

13.12.1. Description

This endpoint updates the options of CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Policy options will be updated only if policy name is NOT `cpmdata`.
* Any authenticated user can update his own policy options.
* Root user can also update the policy options of the managed users.
* Delegates can update the policy options of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.12.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_policies_options_update** *required*	data_policies_options_update

data_policies_options_update

Name	Description	Schema
agent_script_timeout *optional*	Timeout (in seconds) - allotted time for each script to run.	integer
collect_script_output *optional*	Output of backup scripts goes to the standard error (stderr).	boolean
considered_successful *optional*	Backup considered valid. **Allowed Enum Values** * B (Finished with no Issues) * A (Snapshots Succeeded. Even if scripts or VSS failed)	enum (B, A)
enable_agent_scripts *optional*	Backup scripts are turned off by default. Change to Activate to turn on backup scripts.	boolean

Name	Description	Schema
minutes_between_retries *optional*	Amount of time CPM waits after a failure before retrying.	integer
num_failures_for_alert *optional*	Number of failures before CPM triggers an alert.	integer
number_of_retries *optional*	Maximum number of retries after each failed backup (the default is three).	integer

13.12.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_options_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_options_update

Name	Description	Schema
agent_script_timeout *optional*	Timeout (in seconds) - allotted time for each script to run.	integer
collect_script_output *optional*	Output of backup scripts goes to the standard error (stderr).	boolean
considered_successful *optional*	Backup considered valid. **Allowed Enum Values** * B (Finished with no Issues) * A (Snapshots Succeeded. Even if scripts or VSS failed)	enum (B, A)
enable_agent_scripts *optional*	Backup scripts are turned off by default. Change to Activate to turn on backup scripts.	boolean
minutes_between_retries *optional*	Amount of time CPM waits after a failure before retrying.	integer
num_failures_for_alert *optional*	Number of failures before CPM triggers an alert.	integer
number_of_retries *optional*	Maximum number of retries after each failed backup (the default is three).	integer

13.12.4. Consumes

- `application/json`

13.12.5. Produces

- `application/json`

13.13. Delete all snapshots of a CPM policy

```
DELETE /api/policies/{id}/snapshots/
```

13.13.1. Description

This endpoint deletes all snapshots of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own snapshots.
* Root user can also delete snapshots for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete snapshots for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`

13.13.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.13.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

13.14. Delete all native snapshots of a CPM policy

```
DELETE /api/policies/{id}/snapshots/native/
```

13.14.1. Description

This endpoint deletes all native snapshots of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own snapshots.
* Root user can also delete snapshots for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete snapshots for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

13.14.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.14.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

13.15. Delete all native snapshots, S3 backup and Glacier archive copies of a CPM policy

```
DELETE /api/policies/{id}/snapshots/s3/
```

13.15.1. Description

This endpoint deletes all native snapshots, S3 backup and Glacier archive copies of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own snapshots.
* Root user can also delete snapshots for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete snapshots for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

13.15.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

13.15.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

13.16. Abort an on-going archive of backups in policy

```
POST /api/policies/{policy_id}/archive/abort/
```

13.16.1. Description

This endpoint aborts an on-going archive of backups in policy.

Permissions and Restrictions:
* Any authenticated user with change backup and S3 copy permissions can run abort.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

13.16.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string

13.16.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

13.17. Abort an on going policy cleanup on S3

```
POST /api/policies/{policy_id}/cleanup_s3/abort/
```

13.17.1. Description

This endpoint aborts an on going policy cleanup on S3.

Permissions and Restrictions:
* Any authenticated user with change backup and S3 copy permissions can run abort.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

13.17.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string

13.17.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

13.18. Create a Custom Tag

```
POST /api/policies/{policy_id}/custom_tags/
```

13.18.1. Description

This endpoint creates a new Custom Tag.

Permissions and Restrictions:
* Any authenticated user can create a new Custom Tag for himself.
* Root user can also create a new Custom Tag for the managed users.
* Authenticated delegate user with `allow_backup_changes` can create a new Custom Tag for his original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.18.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_custom_tags_create** *required*	data_policies_custom_tags_create

data_policies_custom_tags_create

Name	Description	Schema
name_is_prefix *optional*	Indicates if defined Custom Tag name should match a resource's tag name prefix.	boolean
tag_name *required*	Name of the Custom Tag.	string
tag_value *optional*	Value of the Custom Tag.	string
value_is_prefix *optional*	Indicates if defined Custom Tag value should match a resource's tag value prefix.	boolean

13.18.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_custom_tags_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_custom_tags_create

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
name_is_prefix *optional*	Indicates if defined Custom Tag name should match a resource's tag name prefix.	boolean
tag_name *optional*	Name of the Custom Tag.	string
tag_value *optional*	Value of the Custom Tag.	string
value_is_prefix *optional*	Indicates if defined Custom Tag value should match a resource's tag value prefix.	boolean

13.18.4. Consumes

- `application/json`

13.18.5. Produces

- `application/json`

13.19. List Custom Tags

```
GET /api/policies/{policy_id}/custom_tags/
```

13.19.1. Description

This endpoint returns a list of Custom Tags.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own Custom Tags.
* Root user can also get the Custom Tags of the managed users.
* Delegates can get the Custom Tags of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.19.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.19.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_custom_tags_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_custom_tags_list

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
name_is_prefix *optional*	Indicates if defined Custom Tag name should match a resource's tag name prefix.	boolean
tag_name *optional*	Name of the Custom Tag.	string
tag_value *optional*	Value of the Custom Tag.	string
value_is_prefix *optional*	Indicates if defined Custom Tag value should match a resource's tag value prefix.	boolean

13.19.4. Produces

- `application/json`

13.20. Retrieve a Custom Tag

```
GET /api/policies/{policy_id}/custom_tags/{id}/
```

13.20.1. Description

This endpoint returns the Custom Tag for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own Custom Tags.
* Root user can also get the Custom Tags of the managed users.
* Delegates can get the Custom Tags of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.20.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.20.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_custom_tags_read > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_custom_tags_read

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
name_is_prefix *optional*	Indicates if defined Custom Tag name should match a resource's tag name prefix.	boolean

Name	Description	Schema
tag_name *optional*	Name of the Custom Tag.	string
tag_value *optional*	Value of the Custom Tag.	string
value_is_prefix *optional*	Indicates if defined Custom Tag value should match a resource's tag value prefix.	boolean

13.20.4. Produces

- `application/json`

13.21. Delete a Custom Tag

```
DELETE /api/policies/{policy_id}/custom_tags/{id}/
```

13.21.1. Description

This endpoint deletes the Custom Tag for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own Custom Tags.
* Root user can also delete Custom Tags for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete Custom Tags for his original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.21.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.21.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.22. List a policy's future scheduled run times

```
GET /api/policies/{policy_id}/run_times/
```

13.22.1. Description

This endpoint returns a list of the future scheduled run times for a policy.

Before you can list policy scheduled run times you need:
* An enabled policy with at least one valid target attached.
* At least one schedule set to the policy.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

13.22.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**days_ahead** *required*	Days ahead to calculate scheduled run times for.	number

13.22.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_run_times_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_run_times_list

Name	Description	Schema
schedule_name *optional*	Name of schedule the backup is running.	string
schedule_time *optional*	Date and time for a future backup for the timezone defined in `schedule_timezone`.	string
schedule_timezone *optional*	Timezone the schedule was configured with.	string

Name	Description	Schema
system_time *optional*	Date and time for a future backup for the timezone defined in `system_timezone`.	string
system_timezone *optional*	Timezone the system was configured with.	string
time *optional*	Date and time for a future backup in UTC.	string

13.22.4. Produces

- `application/json`

13.23. Abort any on-going s3 operation in policy

```
POST /api/policies/{policy_id}/s3_operations/abort/
```

13.23.1. Description

This endpoint aborts any on-going s3 operation (copy, archive or cleanup) currently performed for policy.

Permissions and Restrictions:
* Any authenticated user with change backup and S3 copy permissions can run abort.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

13.23.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string

13.23.3. Responses

HTTP Code	Description	Schema
201	Created	object
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

13.23.4. Produces

- `application/json`

13.24. List all the targets associated with a CPM policy

```
GET /api/policies/{policy_id}/targets/
```

13.24.1. Description

This endpoint returns all targets associated with the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own targets.
* Root user can also get the policy targets of the managed users.
* Delegates can get the policy targets of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

13.24.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.24.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_list

Name	Description	Schema
ami_backup_option *optional*	Choose whether to take only snapshots, take an initial AMI and then snapshots, or just schedule AMI creation. **Allowed Enum Values** * N (No AMI) * S (Single AMI) * O (Only AMI)	enum (N, S, O)
ami_reboot_option *optional*	Choose whether to reboot the instance during AMI creation.	boolean
application_consistent_backup *optional*	Application consistent backup parameters. Only applicable for Windows OS.	response_policies_targets_list_application_consistent_backup
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
aws_root_device *optional*	Instance's root device.	string
force_full_s3_copy *optional*	If enabled, when the next backup of the policy is copied to S3, this instance will be copied as Full instead of Incremental.	boolean
has_product_code *optional*	Indicates whether the instance was purchased from marketplace.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string
name *optional*	Name of the resource.	string
platform *optional*	Resource platform.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string
state *optional*	Current state of the resource.	string

Name	Description	Schema
tagged *optional*	Whether this resource has CPM backup tag.	boolean
which_volumes *optional*	Choose whether to back up all the volumes attached to the instance, or include or exclude some of them. **Allowed Enum Values** * A (All Volumes) * I (Include Selected) * X (Exclude Selected)	enum (A, I, X)

response_policies_targets_list_application_consistent_backup

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds before agent assumes scripts are hung and kills them.	integer
collect_script_output *optional*	If set to "Collect", all scripts output to stderr will be collected and saved by CPM.	boolean
enable_agent_scripts *optional*	Enables scripts only for an instance which is the agent of this policy.	boolean
enable_agent_vss *optional*	Enables creating VSS snapshots on the agent. Only applicable for Windows 2008 agents.	boolean
use_remote_agent *optional*	Use remote agent for backing up the instance.	boolean
vss_volumes *optional*	Volumes to perform VSS snapshots on. Leave empty for all volumes. Put volume letters in the following format: c:,d:,...	string

13.24.4. Produces

- `application/json`

13.25. Add a DynamoDB table to a CPM policy

```
POST /api/policies/{policy_id}/targets/dynamodb_tables/
```

13.25.1. Description

This endpoint adds a DynamoDB table to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add a table to a CPM policy.
* Root user can also add a table to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add a table to a CPM policy for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

13.25.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_dynamodb_tables_create** *required*	data_policies_targets_dynamodb_tables_create

data_policies_targets_dynamodb_tables_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_name *required*	Name of the resource in AWS.	string

13.25.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_dynamodb_tables_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_dynamodb_tables_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_name *optional*	Name of the resource in AWS.	string
id *optional*	Unique ID of the resource in CPM.	integer
partition_key *optional*	Partition key for the DynamoDB table.	string
resource_type *optional*	Resource type.	string
sort_key *optional*	Sort key for the DynamoDB table.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
table_arn *optional*	ARN unique table identifier.	string
tagged *optional*		boolean

13.25.4. Consumes

- `application/json`

13.25.5. Produces

- `application/json`

13.26. List the protected DynamoDB tables of a CPM policy

```
GET /api/policies/{policy_id}/targets/dynamodb_tables/
```

13.26.1. Description

This endpoint returns the DynamoDB tables of a CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected tables.
* Root user can also get the protected clusters of the managed users.
* Delegates can get the protected tables of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

13.26.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.26.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_dynamodb_tables_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_dynamodb_tables_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_name *optional*	Name of the resource in AWS.	string
id *optional*	Unique ID of the resource in CPM.	integer
partition_key *optional*	Partition key for the DynamoDB table.	string
resource_type *optional*	Resource type.	string
sort_key *optional*	Sort key for the DynamoDB table.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
table_arn *optional*	ARN unique table identifier.	string
tagged *optional*		boolean

13.26.4. Produces

- `application/json`

13.27. Retrieve a DynamoDB table of a CPM policy

```
GET /api/policies/{policy_id}/targets/dynamodb_tables/{id}/
```

13.27.1. Description

This endpoint returns the DynamoDB table of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own table.
* Root user can also get the protected table of the managed users.
* Delegates can get the protected table of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

13.27.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.27.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_dynamodb_tables_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_dynamodb_tables_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string

Name	Description	Schema
aws_resource_name *optional*	Name of the resource in AWS.	string
id *optional*	Unique ID of the resource in CPM.	integer
partition_key *optional*	Partition key for the DynamoDB table.	string
resource_type *optional*	Resource type.	string
sort_key *optional*	Sort key for the DynamoDB table.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
table_arn *optional*	ARN unique table identifier.	string
tagged *optional*		boolean

13.27.4. Produces

- `application/json`

13.28. Delete a DynamoDB table from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/dynamodb_tables/{id}/
```

13.28.1. Description

This endpoint deletes a DynamoDB table from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own table.
* Root user can also delete tables for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete tables for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

13.28.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.28.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.29. Add an Elastic File System (EFS) to a CPM policy

```
POST /api/policies/{policy_id}/targets/efs/
```

13.29.1. Description

This endpoint adds an Elastic File System (EFS) to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add an EFS to a CPM policy.
* Root user can also add an EFS to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add an EFS to a CPM policy for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

13.29.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_efs_create** *required*	data_policies_targets_efs_create

data_policies_targets_efs_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string
backup_iam_role_arn *optional*	Backup IAM role ARN	string
backup_vault_name *optional*	AWS Backup vault name	string

Name	Description	Schema
expire_option *optional*	Expire option **Allowed Enum Values** * P (Policy Generations) * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (P, N, D, W, M, Y)
expire_option_value *optional*	Expire option value	integer
move_to_cold_storage_option *optional*	Transition to cold storage option **Allowed Enum Values** * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (N, D, W, M, Y)
move_to_cold_storage_option_value *optional*	Transition to cold storage option value	integer

13.29.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_efs_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_efs_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
backup_iam_role_arn *optional*	Backup IAM role ARN	string

Name	Description	Schema
backup_vault_name *optional*	AWS Backup vault name	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
expire_option *optional*	Expire option **Allowed Enum Values** * P (Policy Generations) * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (P, N, D, W, M, Y)
expire_option_value *optional*	Expire option value	integer
id *optional*	Unique ID of the resource in CPM.	integer
move_to_cold_storage_option *optional*	Transition to cold storage option **Allowed Enum Values** * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (N, D, W, M, Y)
move_to_cold_storage_option_value *optional*	Transition to cold storage option value	integer
name *optional*	Name of the resource.	string
num_mount_targets *optional*	Elastic File System's (EFS) number of mounted targets	integer
resource_type *optional*	Resource type.	string
size_in_bytes *optional*	Elastic File System's (EFS) size in bytes	integer
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean

13.29.4. Consumes

- `application/json`

13.29.5. Produces

- `application/json`

13.30. List the protected Elastic File Systems (EFS) of a CPM policy

```
GET /api/policies/{policy_id}/targets/efs/
```

13.30.1. Description

This endpoint returns the protected Elastic File Systems (EFS) of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected EFS.
* Root user can also get the protected EFS of the managed users.
* Delegates can get the protected EFS of their original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.4.0`

13.30.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.30.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_efs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_efs_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
backup_iam_role_arn *optional*	Backup IAM role ARN	string
backup_vault_name *optional*	AWS Backup vault name	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
expire_option *optional*	Expire option **Allowed Enum Values** * P (Policy Generations) * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (P, N, D, W, M, Y)
expire_option_value *optional*	Expire option value	integer
id *optional*	Unique ID of the resource in CPM.	integer
move_to_cold_storage_option *optional*	Transition to cold storage option **Allowed Enum Values** * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (N, D, W, M, Y)
move_to_cold_storage_option_value *optional*	Transition to cold storage option value	integer
name *optional*	Name of the resource.	string
num_mount_targets *optional*	Elastic File System's (EFS) number of mounted targets	integer
resource_type *optional*	Resource type.	string
size_in_bytes *optional*	Elastic File System's (EFS) size in bytes	integer

Name	Description	Schema
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean

13.30.4. Produces

- `application/json`

13.31. Retrieve a protected Elastic File System (EFS) of a CPM policy

```
GET /api/policies/{policy_id}/targets/efs/{id}/
```

13.31.1. Description

This endpoint returns a protected Elastic File System (EFS) of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own protected EFS.
* Root user can also get the protected EFS the managed users.
* Delegates can get the protected EFS of their original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.5.0`

13.31.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.31.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_efs_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_efs_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
backup_iam_role_arn *optional*	Backup IAM role ARN	string
backup_vault_name *optional*	AWS Backup vault name	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
expire_option *optional*	Expire option **Allowed Enum Values** * P (Policy Generations) * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (P, N, D, W, M, Y)
expire_option_value *optional*	Expire option value	integer
id *optional*	Unique ID of the resource in CPM.	integer
move_to_cold_storage_option *optional*	Transition to cold storage option **Allowed Enum Values** * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (N, D, W, M, Y)
move_to_cold_storage_option_value *optional*	Transition to cold storage option value	integer
name *optional*	Name of the resource.	string
num_mount_targets *optional*	Elastic File System's (EFS) number of mounted targets	integer
resource_type *optional*	Resource type.	string
size_in_bytes *optional*	Elastic File System's (EFS) size in bytes	integer
status *optional*	Current status of the resource.	string

Name	Description	Schema
tagged *optional*	Whether this resource has CPM backup tag.	boolean

13.31.4. Produces

- `application/json`

13.32. Update an Elastic File System (EFS) of a CPM policy

```
PUT /api/policies/{policy_id}/targets/efs/{id}/
```

13.32.1. Description

This endpoint updates an Elastic File System (EFS) of a CPM policy.

Permissions and Restrictions:
* Any authenticated user can update an EFS of a CPM policy.
* Root user can also update an EFS of a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can update an EFS of a CPM policy for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

13.32.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string
Body	**data_policies_targets_efs_update** *required*	data_policies_targets_efs_update

data_policies_targets_efs_update

Name	Description	Schema
backup_iam_role_arn *optional*	Backup IAM role ARN	string
backup_vault_name *optional*	AWS Backup vault name	string

Name	Description	Schema
expire_option *optional*	Expire option **Allowed Enum Values** * P (Policy Generations) * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (P, N, D, W, M, Y)
expire_option_value *optional*	Expire option value	integer
move_to_cold_storage_option *optional*	Transition to cold storage option **Allowed Enum Values** * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (N, D, W, M, Y)
move_to_cold_storage_option_value *optional*	Transition to cold storage option value	integer

13.32.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_efs_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_efs_update

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
backup_iam_role_arn *optional*	Backup IAM role ARN	string

Name	Description	Schema
backup_vault_name *optional*	AWS Backup vault name	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
expire_option *optional*	Expire option **Allowed Enum Values** * P (Policy Generations) * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (P, N, D, W, M, Y)
expire_option_value *optional*	Expire option value	integer
id *optional*	Unique ID of the resource in CPM.	integer
move_to_cold_storage_option *optional*	Transition to cold storage option **Allowed Enum Values** * N (Never) * D (Days after creation) * W (Weeks after creation) * M (Month after creation) * Y (Years after creation)	enum (N, D, W, M, Y)
move_to_cold_storage_option_value *optional*	Transition to cold storage option value	integer
name *optional*	Name of the resource.	string
num_mount_targets *optional*	Elastic File System's (EFS) number of mounted targets	integer
resource_type *optional*	Resource type.	string
size_in_bytes *optional*	Elastic File System's (EFS) size in bytes	integer
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean

13.32.4. Consumes

- `application/json`

13.32.5. Produces

- `application/json`

13.33. Delete an Elastic File System (EFS) from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/efs/{id}/
```

13.33.1. Description

This endpoint deletes an Elastic File System (EFS) from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own EFS.
* Root user can also delete EFS for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete EFS for his original user.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

13.33.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.33.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.34. Add an (Windows or Lustre) File System (FSx) to a CPM policy

```
POST /api/policies/{policy_id}/targets/fsxs/
```

13.34.1. Description

This endpoint adds an (Windows or Lustre) File System (FSx) to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add an FSx to a CPM policy.
* Root user can also add an FSx to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add an FSx to a CPM policy for his original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

13.34.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_fsxs_create** *required*	data_policies_targets_fsxs_create

data_policies_targets_fsxs_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string

13.34.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_fsxs_create

HTTP Code	Description	Schema
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_fsxs_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
filesystem_type *optional*	FSx file system type ('LUSTRE' or 'WINDOWS').	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
status *optional*	FSx status.	string
storage_capacity_in_gb *optional*	FSx capacity in GB.	integer
tagged *optional*	Whether this resource has CPM backup tag.	boolean

13.34.4. Consumes

- `application/json`

13.34.5. Produces

- `application/json`

13.35. List the protected (Windows or Lustre) File Systems (FSx) of a CPM policy

```
GET /api/policies/{policy_id}/targets/fsxs/
```

13.35.1. Description

This endpoint returns the protected (Windows or Lustre) File Systems (FSx) of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected FSx.
* Root user can also get the protected FSx of the managed users.
* Delegates can get the protected FSx of their original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

13.35.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.35.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_fsxs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_fsxs_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
filesystem_type *optional*	FSx file system type ('LUSTRE' or 'WINDOWS').	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
status *optional*	FSx status.	string
storage_capacity_in_gb *optional*	FSx capacity in GB.	integer
tagged *optional*	Whether this resource has CPM backup tag.	boolean

13.35.4. Produces

- `application/json`

13.36. Retrieve a protected (Windows or Lustre) File System (FSx) of a CPM policy

```
GET /api/policies/{policy_id}/targets/fsxs/{id}/
```

13.36.1. Description

This endpoint returns a protected (Windows or Lustre) File System (FSx) of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own protected FSx.
* Root user can also get the protected FSx the managed users.
* Delegates can get the protected FSx of their original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

13.36.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.36.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_fsxs_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_fsxs_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
filesystem_type *optional*	FSx file system type ('LUSTRE' or 'WINDOWS').	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
status *optional*	FSx status.	string
storage_capacity_in_gb *optional*	FSx capacity in GB.	integer
tagged *optional*	Whether this resource has CPM backup tag.	boolean

13.36.4. Produces

- `application/json`

13.37. Update an (Windows or Lustre) File System (FSx) of a CPM policy

```
PUT /api/policies/{policy_id}/targets/fsxs/{id}/
```

13.37.1. Description

This endpoint updates an (Windows or Lustre) File System (FSx) of a CPM policy.

Permissions and Restrictions:
* Any authenticated user can update an FSx of a CPM policy.
* Root user can also update an FSx of a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can update an FSx of a CPM policy for his original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

13.37.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.37.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_fsxs_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_fsxs_update

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
filesystem_type *optional*	FSx file system type ('LUSTRE' or 'WINDOWS').	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
status *optional*	FSx status.	string
storage_capacity_in_gb *optional*	FSx capacity in GB.	integer
tagged *optional*	Whether this resource has CPM backup tag.	boolean

13.37.4. Produces

- `application/json`

13.38. Delete an (Windows or Lustre) File System (FSx) from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/fsxs/{id}/
```

13.38.1. Description

This endpoint deletes an (Windows or Lustre) File System (FSx) from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own FSx.
* Root user can also delete FSx for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete FSx for his original user.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

13.38.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.38.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.39. Add an EC2 instance to a CPM policy

```
POST /api/policies/{policy_id}/targets/instances/
```

13.39.1. Description

This endpoint adds an EC2 instance to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add an instance to a CPM policy.
* Root user can also add an instance to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add an instance to a CPM policy for his original user.
* Number of instances allowed to be added is limited by the license.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

13.39.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_instances_create** *required*	data_policies_targets_instances_create

data_policies_targets_instances_create

Name	Description	Schema
ami_backup_option *optional*	Choose whether to take only snapshots, take an initial AMI and then snapshots, or just schedule AMI creation. **Allowed Enum Values** * N (No AMI) * S (Single AMI) * O (Only AMI)	enum (N, S, O)
ami_reboot_option *optional*	Choose whether to reboot the instance during AMI creation.	boolean

Name	Description	Schema
application_consistent_backup *optional*	Application consistent backup parameters. Only applicable for Windows OS.	data_policies_targets_instances_create_application_consistent_backup
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string
aws_root_device *optional*	Instance's root device.	string
force_full_s3_copy *optional*	If enabled, when the next backup of the policy is copied to S3, this instance will be copied as Full instead of Incremental.	boolean
which_volumes *optional*	Choose whether to back up all the volumes attached to the instance, or include or exclude some of them. **Allowed Enum Values** * A (All Volumes) * I (Include Selected) * X (Exclude Selected)	enum (A, I, X)

data_policies_targets_instances_create_application_consistent_backup

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds before agent assumes scripts are hung and kills them.	integer
collect_script_output *optional*	If set to "Collect", all scripts output to stderr will be collected and saved by CPM.	boolean
enable_agent_scripts *optional*	Enables scripts only for an instance which is the agent of this policy.	boolean
enable_agent_vss *optional*	Enables creating VSS snapshots on the agent. Only applicable for Windows 2008 agents.	boolean
use_remote_agent *optional*	Use remote agent for backing up the instance.	boolean
vss_volumes *optional*	Volumes to perform VSS snapshots on. Leave empty for all volumes. Put volume letters in the following format: c:,d:,...	string

13.39.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_instances_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_instances_create

Name	Description	Schema
ami_backup_option *optional*	Choose whether to take only snapshots, take an initial AMI and then snapshots, or just schedule AMI creation. **Allowed Enum Values** * N (No AMI) * S (Single AMI) * O (Only AMI)	enum (N, S, O)
ami_reboot_option *optional*	Choose whether to reboot the instance during AMI creation.	boolean
application_consistent_backup *optional*	Application consistent backup parameters. Only applicable for Windows OS.	response_policies_targets_instances_create_application_consistent_backup
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
aws_root_device *optional*	Instance's root device.	string
force_full_s3_copy *optional*	If enabled, when the next backup of the policy is copied to S3, this instance will be copied as Full instead of Incremental.	boolean
has_product_code *optional*	Indicates whether the instance was purchased from marketplace.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string

Name	Description	Schema
name *optional*	Name of the resource.	string
platform *optional*	Resource platform.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string
state *optional*	Current state of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
which_volumes *optional*	Choose whether to back up all the volumes attached to the instance, or include or exclude some of them. **Allowed Enum Values** * A (All Volumes) * I (Include Selected) * X (Exclude Selected)	enum (A, I, X)

response_policies_targets_instances_create_application_consistent_backup

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds before agent assumes scripts are hung and kills them.	integer
collect_script_output *optional*	If set to "Collect", all scripts output to stderr will be collected and saved by CPM.	boolean
enable_agent_scripts *optional*	Enables scripts only for an instance which is the agent of this policy.	boolean
enable_agent_vss *optional*	Enables creating VSS snapshots on the agent. Only applicable for Windows 2008 agents.	boolean
use_remote_agent *optional*	Use remote agent for backing up the instance.	boolean
vss_volumes *optional*	Volumes to perform VSS snapshots on. Leave empty for all volumes. Put volume letters in the following format: c:,d:,...	string

13.39.4. Consumes

- `application/json`

13.39.5. Produces

- `application/json`

13.40. List the protected EC2 instances of a CPM policy

```
GET /api/policies/{policy_id}/targets/instances/
```

13.40.1. Description

This endpoint returns the protected EC2 instances of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected instances.
* Root user can also get the protected instances of the managed users.
* Delegates can get the protected instances of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

13.40.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.40.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_instances_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_instances_list

Name	Description	Schema
ami_backup_option *optional*	Choose whether to take only snapshots, take an initial AMI and then snapshots, or just schedule AMI creation. **Allowed Enum Values** * N (No AMI) * S (Single AMI) * O (Only AMI)	enum (N, S, O)
ami_reboot_option *optional*	Choose whether to reboot the instance during AMI creation.	boolean
application_consistent_backup *optional*	Application consistent backup parameters. Only applicable for Windows OS.	response_policies_targets_instances_list_application_consistent_backup
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
aws_root_device *optional*	Instance's root device.	string
force_full_s3_copy *optional*	If enabled, when the next backup of the policy is copied to S3, this instance will be copied as Full instead of Incremental.	boolean
has_product_code *optional*	Indicates whether the instance was purchased from marketplace.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string
name *optional*	Name of the resource.	string
platform *optional*	Resource platform.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string

Name	Description	Schema
state *optional*	Current state of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
which_volumes *optional*	Choose whether to back up all the volumes attached to the instance, or include or exclude some of them. **Allowed Enum Values** * A (All Volumes) * I (Include Selected) * X (Exclude Selected)	enum (A, I, X)

response_policies_targets_instances_list_application_consistent_backup

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds before agent assumes scripts are hung and kills them.	integer
collect_script_output *optional*	If set to "Collect", all scripts output to stderr will be collected and saved by CPM.	boolean
enable_agent_scripts *optional*	Enables scripts only for an instance which is the agent of this policy.	boolean
enable_agent_vss *optional*	Enables creating VSS snapshots on the agent. Only applicable for Windows 2008 agents.	boolean
use_remote_agent *optional*	Use remote agent for backing up the instance.	boolean
vss_volumes *optional*	Volumes to perform VSS snapshots on. Leave empty for all volumes. Put volume letters in the following format: c:,d:,...	string

13.40.4. Produces

- `application/json`

13.41. Retrieve a protected EC2 instance of a CPM policy

```
GET /api/policies/{policy_id}/targets/instances/{id}/
```

13.41.1. Description

This endpoint returns a protected EC2 instance of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own protected instances.
* Root user can also get the protected instances of the managed users.
* Delegates can get the protected instances of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

13.41.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.41.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_instances_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_instances_read

Name	Description	Schema
ami_backup_option *optional*	Choose whether to take only snapshots, take an initial AMI and then snapshots, or just schedule AMI creation. **Allowed Enum Values** * N (No AMI) * S (Single AMI) * O (Only AMI)	enum (N, S, O)
ami_reboot_option *optional*	Choose whether to reboot the instance during AMI creation.	boolean
application_consistent_backup *optional*	Application consistent backup parameters. Only applicable for Windows OS.	response_policies_targets_instances_read_application_consistent_backup
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
aws_root_device *optional*	Instance's root device.	string
force_full_s3_copy *optional*	If enabled, when the next backup of the policy is copied to S3, this instance will be copied as Full instead of Incremental.	boolean
has_product_code *optional*	Indicates whether the instance was purchased from marketplace.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string
name *optional*	Name of the resource.	string
platform *optional*	Resource platform.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string

Name	Description	Schema
state *optional*	Current state of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
which_volumes *optional*	Choose whether to back up all the volumes attached to the instance, or include or exclude some of them. **Allowed Enum Values** * A (All Volumes) * I (Include Selected) * X (Exclude Selected)	enum (A, I, X)

response_policies_targets_instances_read_application_consistent_backup

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds before agent assumes scripts are hung and kills them.	integer
collect_script_output *optional*	If set to "Collect", all scripts output to stderr will be collected and saved by CPM.	boolean
enable_agent_scripts *optional*	Enables scripts only for an instance which is the agent of this policy.	boolean
enable_agent_vss *optional*	Enables creating VSS snapshots on the agent. Only applicable for Windows 2008 agents.	boolean
use_remote_agent *optional*	Use remote agent for backing up the instance.	boolean
vss_volumes *optional*	Volumes to perform VSS snapshots on. Leave empty for all volumes. Put volume letters in the following format: c:,d:,...	string

13.41.4. Produces

- `application/json`

13.42. Update an EC2 instance of a CPM policy

```
PUT /api/policies/{policy_id}/targets/instances/{id}/
```

13.42.1. Description

This endpoint updates an instance of a CPM policy.

Permissions and Restrictions:
* Any authenticated user can update an instance of a CPM policy.
* Root user can also update an instance of a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can update an instance of a CPM policy for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

13.42.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string
Body	**data_policies_targets_instances_update** *required*	data_policies_targets_instances_update

data_policies_targets_instances_update

Name	Description	Schema
ami_backup_option *optional*	Choose whether to take only snapshots, take an initial AMI and then snapshots, or just schedule AMI creation. **Allowed Enum Values** * N (No AMI) * S (Single AMI) * O (Only AMI)	enum (N, S, O)
ami_reboot_option *optional*	Choose whether to reboot the instance during AMI creation.	boolean

Name	Description	Schema
application_consistent_backup *optional*	Application consistent backup parameters. Only applicable for Windows OS.	data_policies_targets_instances_update_application_consistent_backup
aws_root_device *optional*	Instance's root device.	string
force_full_s3_copy *optional*	If enabled, when the next backup of the policy is copied to S3, this instance will be copied as Full instead of Incremental.	boolean
which_volumes *optional*	Choose whether to back up all the volumes attached to the instance, or include or exclude some of them. **Allowed Enum Values** * A (All Volumes) * I (Include Selected) * X (Exclude Selected)	enum (A, I, X)

data_policies_targets_instances_update_application_consistent_backup

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds before agent assumes scripts are hung and kills them.	integer
collect_script_output *optional*	If set to "Collect", all scripts output to stderr will be collected and saved by CPM.	boolean
enable_agent_scripts *optional*	Enables scripts only for an instance which is the agent of this policy.	boolean
enable_agent_vss *optional*	Enables creating VSS snapshots on the agent. Only applicable for Windows 2008 agents.	boolean
use_remote_agent *optional*	Use remote agent for backing up the instance.	boolean
vss_volumes *optional*	Volumes to perform VSS snapshots on. Leave empty for all volumes. Put volume letters in the following format: c:,d:,...	string

13.42.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_instances_update
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_instances_update

Name	Description	Schema
ami_backup_option *optional*	Choose whether to take only snapshots, take an initial AMI and then snapshots, or just schedule AMI creation. **Allowed Enum Values** * N (No AMI) * S (Single AMI) * O (Only AMI)	enum (N, S, O)
ami_reboot_option *optional*	Choose whether to reboot the instance during AMI creation.	boolean
application_consistent_backup *optional*	Application consistent backup parameters. Only applicable for Windows OS.	response_policies_targets_instances_update_application_consistent_backup
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
aws_root_device *optional*	Instance's root device.	string
force_full_s3_copy *optional*	If enabled, when the next backup of the policy is copied to S3, this instance will be copied as Full instead of Incremental.	boolean
has_product_code *optional*	Indicates whether the instance was purchased from marketplace.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string

Name	Description	Schema
name *optional*	Name of the resource.	string
platform *optional*	Resource platform.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string
state *optional*	Current state of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
which_volumes *optional*	Choose whether to back up all the volumes attached to the instance, or include or exclude some of them. **Allowed Enum Values** * A (All Volumes) * I (Include Selected) * X (Exclude Selected)	enum (A, I, X)

response_policies_targets_instances_update_application_consistent_backup

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds before agent assumes scripts are hung and kills them.	integer
collect_script_output *optional*	If set to "Collect", all scripts output to stderr will be collected and saved by CPM.	boolean
enable_agent_scripts *optional*	Enables scripts only for an instance which is the agent of this policy.	boolean
enable_agent_vss *optional*	Enables creating VSS snapshots on the agent. Only applicable for Windows 2008 agents.	boolean
use_remote_agent *optional*	Use remote agent for backing up the instance.	boolean
vss_volumes *optional*	Volumes to perform VSS snapshots on. Leave empty for all volumes. Put volume letters in the following format: c:,d:,...	string

13.42.4. Consumes

- `application/json`

13.42.5. Produces

- `application/json`

13.43. Delete an EC2 instance from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/instances/{id}/
```

13.43.1. Description

This endpoint deletes an EC2 instance from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own instances.
* Root user can also delete instances for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete instances for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.2.0`

13.43.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.43.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.44. Add an EC2 volume to a CPM policy

```
POST /api/policies/{policy_id}/targets/instances/{instance_id}/volumes/
```

13.44.1. Description

This endpoint adds an EC2 volume to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add a volume to a CPM policy.
* Root user can also add a volume to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add a volume to a CPM policy for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.44.2. Parameters

Type	Name	Schema
Path	**instance_id** *required*	string
Path	**policy_id** *required*	string
Body	**data_policies_targets_instances_volumes_create** *required*	data_policies_targets_instances_volumes_create

data_policies_targets_instances_volumes_create

Name	Description	Schema
aws_resource_id *required*	ID of the resource in AWS.	string

13.44.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_instances_volumes_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_instances_volumes_create

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
capacity *optional*	Capacity of the resource (in GiB).	integer
created *optional*	Creation time of the resource.	string
device *optional*	Device attached to the volume.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
zone *optional*	Availability zone of the resource.	string

13.44.4. Consumes

- `application/json`

13.44.5. Produces

- `application/json`

13.45. List the protected EC2 volumes of a CPM policy

```
GET /api/policies/{policy_id}/targets/instances/{instance_id}/volumes/
```

13.45.1. Description

This endpoint returns the protected EC2 volumes of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected volumes.
* Root user can also get the protected volumes of the managed users.
* Delegates can get the protected volumes of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.45.2. Parameters

Type	Name	Description	Schema
Path	**instance_id** *required*		string
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.45.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_instances_volumes_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_instances_volumes_list

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
capacity *optional*	Capacity of the resource (in GiB).	integer
created *optional*	Creation time of the resource.	string
device *optional*	Device attached to the volume.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
zone *optional*	Availability zone of the resource.	string

13.45.4. Produces

- `application/json`

13.46. Retrieve a protected EC2 volume of a CPM policy

```
GET /api/policies/{policy_id}/targets/instances/{instance_id}/volumes/{id}/
```

13.46.1. Description

This endpoint returns a protected EC2 volume of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own volumes instances.
* Root user can also get the protected volumes of the managed users.
* Delegates can get the protected volumes of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.46.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**instance_id** *required*	string
Path	**policy_id** *required*	string

13.46.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_instances_volumes_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_instances_volumes_read

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string

Name	Description	Schema
aws_resource_type *optional*	AWS resource type.	string
capacity *optional*	Capacity of the resource (in GiB).	integer
created *optional*	Creation time of the resource.	string
device *optional*	Device attached to the volume.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
zone *optional*	Availability zone of the resource.	string

13.46.4. Produces

- `application/json`

13.47. Delete an EC2 volume from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/instances/{instance_id}/volumes/{id}/
```

13.47.1. Description

This endpoint deletes an EC2 volume from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own volumes.
* Root user can also delete volumes for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete volumes for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.47.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**instance_id** *required*	string
Path	**policy_id** *required*	string

13.47.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.48. Add a RDS cluster to a CPM policy

```
POST /api/policies/{policy_id}/targets/rds_clusters/
```

13.48.1. Description

This endpoint adds a RDS cluster to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add a cluster to a CPM policy.
* Root user can also add a cluster to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add a cluster to a CPM policy for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

13.48.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_rds_clusters_create** *required*	data_policies_targets_rds_clusters_create

data_policies_targets_rds_clusters_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string

13.48.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_rds_clusters_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_rds_clusters_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.48.4. Consumes

- `application/json`

13.48.5. Produces

- `application/json`

13.49. List the protected RDS clusters of a CPM policy

```
GET /api/policies/{policy_id}/targets/rds_clusters/
```

13.49.1. Description

This endpoint returns the protected RDS clusters of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected databases.
* Root user can also get the protected clusters of the managed users.
* Delegates can get the protected clusters of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

13.49.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.49.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_rds_clusters_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_rds_clusters_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.49.4. Produces

- `application/json`

13.50. Retrieve a protected RDS cluster of a CPM policy

```
GET /api/policies/{policy_id}/targets/rds_clusters/{id}/
```

13.50.1. Description

This endpoint returns a protected RDS cluster of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own clusters.
* Root user can also get the protected clusters of the managed users.
* Delegates can get the protected clusters of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

13.50.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.50.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_rds_clusters_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_rds_clusters_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string

Name	Description	Schema
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.50.4. Produces

- `application/json`

13.51. Delete a RDS cluster from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/rds_clusters/{id}/
```

13.51.1. Description

This endpoint deletes a RDS cluster from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own clusters.
* Root user can also delete clusters for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete clusters for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

13.51.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.51.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.52. Add a RDS database to a CPM policy

```
POST /api/policies/{policy_id}/targets/rds_databases/
```

13.52.1. Description

This endpoint adds a RDS database to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add a database to a CPM policy.
* Root user can also add a database to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add a database to a CPM policy for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.52.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_rds_databases_create** *required*	data_policies_targets_rds_databases_create

data_policies_targets_rds_databases_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string

13.52.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_rds_databases_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_rds_databases_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
storage_type *optional*	Storage type.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.52.4. Consumes

- `application/json`

13.52.5. Produces

- `application/json`

13.53. List the protected RDS databases of a CPM policy

```
GET /api/policies/{policy_id}/targets/rds_databases/
```

13.53.1. Description

This endpoint returns the protected RDS databases of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected databases.
* Root user can also get the protected databases of the managed users.
* Delegates can get the protected databases of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

13.53.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.53.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_rds_databases_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_rds_databases_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
storage_type *optional*	Storage type.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.53.4. Produces

- `application/json`

13.54. Retrieve a protected RDS database of a CPM policy

```
GET /api/policies/{policy_id}/targets/rds_databases/{id}/
```

13.54.1. Description

This endpoint returns a protected RDS database of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own databases instances.
* Root user can also get the protected databases of the managed users.
* Delegates can get the protected databases of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

13.54.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.54.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_rds_databases_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_rds_databases_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_class *optional*	Contains the compute and memory capacity of the DB Instance.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	boolean
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	integer
storage_type *optional*	Storage type.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.54.4. Produces

- `application/json`

13.55. Delete a RDS database from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/rds_databases/{id}/
```

13.55.1. Description

This endpoint deletes a RDS database from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own databases.
* Root user can also delete databases for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete databases for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.55.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.55.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.56. Add a Redshift cluster to a CPM policy

```
POST /api/policies/{policy_id}/targets/redshift_clusters/
```

13.56.1. Description

This endpoint adds a Redshift cluster to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add a cluster to a CPM policy.
* Root user can also add a cluster to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add a cluster to a CPM policy for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

13.56.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_redshift_clusters_create** *required*	data_policies_targets_redshift_clusters_create

data_policies_targets_redshift_clusters_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string

13.56.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_redshift_clusters_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_redshift_clusters_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
node_storage *optional*	Capacity of the node resource (in GiB).	integer
node_type *optional*	Node type.	string
nodes *optional*	Nodes number	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.56.4. Consumes

- `application/json`

13.56.5. Produces

- `application/json`

13.57. List the protected Redshift clusters of a CPM policy

```
GET /api/policies/{policy_id}/targets/redshift_clusters/
```

13.57.1. Description

This endpoint returns the protected Redshift clusters of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected databases.
* Root user can also get the protected clusters of the managed users.
* Delegates can get the protected clusters of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

13.57.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.57.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_redshift_clusters_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_redshift_clusters_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
node_storage *optional*	Capacity of the node resource (in GiB).	integer
node_type *optional*	Node type.	string
nodes *optional*	Nodes number	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.57.4. Produces

- `application/json`

13.58. Retrieve a protected Redshift cluster of a CPM policy

```
GET /api/policies/{policy_id}/targets/redshift_clusters/{id}/
```

13.58.1. Description

This endpoint returns a protected Redshift cluster of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own clusters.
* Root user can also get the protected clusters of the managed users.
* Delegates can get the protected clusters of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.5.0`

13.58.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.58.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_redshift_clusters_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_redshift_clusters_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string

Name	Description	Schema
aws_resource_type *optional*	AWS resource type.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
node_storage *optional*	Capacity of the node resource (in GiB).	integer
node_type *optional*	Node type.	string
nodes *optional*	Nodes number	integer
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.58.4. Produces

- `application/json`

13.59. Delete a Redshift cluster from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/redshift_clusters/{id}/
```

13.59.1. Description

This endpoint deletes a Redshift cluster from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own clusters.
* Root user can also delete clusters for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete clusters for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

13.59.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.59.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.60. Add a S3 Sync target to CPM policy

```
POST /api/policies/{policy_id}/targets/s3syncs/
```

13.60.1. Description

This endpoint adds a S3 Sync target to CPM policy
Permissions and Restrictions:
* Any authenticated user can add his own S3 sync targets.
* Root user can also add the S3 sync targets the managed users.
* Delegates can add the S3 sync targets of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.60.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_s3syncs_create** *required*	data_policies_targets_s3syncs_create

data_policies_targets_s3syncs_create

Name	Description	Schema
delete_extra *optional*	Optional flag whether to delete files in the destination that are absent in source.	boolean
destination_account *optional*		integer
destination_bucket_name *required*	Name of the destination bucket.	string
destination_prefix *optional*	Optional prefix path of the destination bucket.	string
keep_source_prefix *optional*	Optional flag whether to keep source prefix at destination objects.	boolean
name *required*	Name of the resource.	string

Name	Description	Schema
source_prefix *optional*	Optional prefix path of the source bucket.	string
storage_class *optional*	Optional character representing the storage class. **Allowed Enum Values** * S (STANDARD) * R (REDUCED_REDUNDANCY) * I (STANDARD_IA)	enum (S, R, I)

13.60.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_s3syncs_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_s3syncs_create

Name	Description	Schema
creation_date *optional*		string
delete_extra *optional*	Optional flag whether to delete files in the destination that are absent in source.	boolean
destination_account *optional*		integer
destination_bucket_name *optional*	Name of the destination bucket.	string
destination_prefix *optional*	Optional prefix path of the destination bucket.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_encrypted *optional*		boolean
keep_source_prefix *optional*	Optional flag whether to keep source prefix at destination objects.	boolean
name *optional*	Name of the resource.	string

Name	Description	Schema
source_prefix *optional*	Optional prefix path of the source bucket.	string
status *optional*		string
storage_class *optional*	Optional character representing the storage class. **Allowed Enum Values** * S (STANDARD) * R (REDUCED_REDUNDANCY) * I (STANDARD_IA)	enum (S, R, I)

13.60.4. Consumes

- `application/json`

13.60.5. Produces

- `application/json`

13.61. List S3 sync targets of CPM policy

```
GET /api/policies/{policy_id}/targets/s3syncs/
```

13.61.1. Description

This endpoint returns the S3 sync targets of CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own S3 sync targets.
* Root user can also get the S3 sync targets the managed users.
* Delegates can get the S3 sync targets of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.61.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.61.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_s3syncs_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_s3syncs_list

Name	Description	Schema
creation_date *optional*		string

Name	Description	Schema
delete_extra *optional*	Optional flag whether to delete files in the destination that are absent in source.	boolean
destination_account *optional*		integer
destination_bucket_name *optional*	Name of the destination bucket.	string
destination_prefix *optional*	Optional prefix path of the destination bucket.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_encrypted *optional*		boolean
keep_source_prefix *optional*	Optional flag whether to keep source prefix at destination objects.	boolean
name *optional*	Name of the resource.	string
source_prefix *optional*	Optional prefix path of the source bucket.	string
status *optional*		string
storage_class *optional*	Optional character representing the storage class. **Allowed Enum Values** * S (STANDARD) * R (REDUCED_REDUNDANCY) * I (STANDARD_IA)	enum (S, R, I)

13.61.4. Produces

- `application/json`

13.62. Retrieve a S3 Sync target of a CPM policy

```
GET /api/policies/{policy_id}/targets/s3syncs/{id}/
```

13.62.1. Description

This endpoint returns a S3 Sync target of a CPM policy whose ID is passed in the URL path
Permissions and Restrictions:
* Any authenticated user can get his own S3 sync targets.
* Root user can also get the S3 sync targets the managed users.
* Delegates can get the S3 sync targets of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.62.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.62.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_s3syncs_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_s3syncs_read

Name	Description	Schema
creation_date *optional*		string
delete_extra *optional*	Optional flag whether to delete files in the destination that are absent in source.	boolean

Name	Description	Schema
destination_account *optional*		integer
destination_bucket_name *optional*	Name of the destination bucket.	string
destination_prefix *optional*	Optional prefix path of the destination bucket.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_encrypted *optional*		boolean
keep_source_prefix *optional*	Optional flag whether to keep source prefix at destination objects.	boolean
name *optional*	Name of the resource.	string
source_prefix *optional*	Optional prefix path of the source bucket.	string
status *optional*		string
storage_class *optional*	Optional character representing the storage class. **Allowed Enum Values** * S (STANDARD) * R (REDUCED_REDUNDANCY) * I (STANDARD_IA)	enum (S, R, I)

13.62.4. Produces

- `application/json`

13.63. Update a S3 Sync target to CPM policy

```
PUT /api/policies/{policy_id}/targets/s3syncs/{id}/
```

13.63.1. Description

This endpoint updates a S3 Sync target to CPM policy
Permissions and Restrictions:
* Any authenticated user can update his own S3 sync targets.
* Root user can also update the S3 sync targets the managed users.
* Delegates can update the S3 sync targets of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.63.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string
Body	**data_policies_targets_s3syncs_update** *required*	data_policies_targets_s3syncs_update

data_policies_targets_s3syncs_update

Name	Description	Schema
delete_extra *optional*	Optional flag whether to delete files in the destination that are absent in source.	boolean
destination_account *optional*		integer
destination_bucket_name *required*	Name of the destination bucket.	string
destination_prefix *optional*	Optional prefix path of the destination bucket.	string
keep_source_prefix *optional*	Optional flag whether to keep source prefix at destination objects.	boolean

Name	Description	Schema
name *required*	Name of the resource.	string
source_prefix *optional*	Optional prefix path of the source bucket.	string
storage_class *optional*	Optional character representing the storage class. **Allowed Enum Values** * S (STANDARD) * R (REDUCED_REDUNDANCY) * I (STANDARD_IA)	enum (S, R, I)

13.63.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_s3syncs_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_s3syncs_update

Name	Description	Schema
creation_date *optional*		string
delete_extra *optional*	Optional flag whether to delete files in the destination that are absent in source.	boolean
destination_account *optional*		integer
destination_bucket_name *optional*	Name of the destination bucket.	string
destination_prefix *optional*	Optional prefix path of the destination bucket.	string
id *optional*	Unique ID of the resource in CPM.	integer
is_encrypted *optional*		boolean
keep_source_prefix *optional*	Optional flag whether to keep source prefix at destination objects.	boolean

Name	Description	Schema
name *optional*	Name of the resource.	string
source_prefix *optional*	Optional prefix path of the source bucket.	string
status *optional*		string
storage_class *optional*	Optional character representing the storage class. **Allowed Enum Values** * S (STANDARD) * R (REDUCED_REDUNDANCY) * I (STANDARD_IA)	enum (S, R, I)

13.63.4. Consumes

- `application/json`

13.63.5. Produces

- `application/json`

13.64. Delete a S3 Sync target from CPM policy

```
DELETE /api/policies/{policy_id}/targets/s3syncs/{id}/
```

13.64.1. Description

Delete a S3 Sync target from CPM policy
Permissions and Restrictions:
* Any authenticated user can delete his own S3 sync targets.
* Root user can also delete the S3 sync targets the managed users.
* Delegates can delete the S3 sync targets of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

13.64.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.64.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

13.65. Add an EC2 volume to a CPM policy

```
POST /api/policies/{policy_id}/targets/volumes/
```

13.65.1. Description

This endpoint adds an EC2 volume to a CPM policy.

Permissions and Restrictions:
* Any authenticated user can add a volume to a CPM policy.
* Root user can also add a volume to a CPM policy for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add a volume to a CPM policy for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.65.2. Parameters

Type	Name	Schema
Path	**policy_id** *required*	string
Body	**data_policies_targets_volumes_create** *required*	data_policies_targets_volumes_create

data_policies_targets_volumes_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string

13.65.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_volumes_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_volumes_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
capacity *optional*	Capacity of the resource (in GiB).	integer
created *optional*	Creation time of the resource.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.65.4. Consumes

- `application/json`

13.65.5. Produces

- `application/json`

13.66. List the protected EC2 volumes of a CPM policy

```
GET /api/policies/{policy_id}/targets/volumes/
```

13.66.1. Description

This endpoint returns the protected EC2 volumes of the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own protected volumes.
* Root user can also get the protected volumes of the managed users.
* Delegates can get the protected volumes of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.66.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

13.66.3. Responses

HTTP Code	Description	Schema
200	OK	< response_policies_targets_volumes_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_policies_targets_volumes_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
capacity *optional*	Capacity of the resource (in GiB).	integer
created *optional*	Creation time of the resource.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.66.4. Produces

- `application/json`

13.67. Retrieve a protected EC2 volume of a CPM policy

```
GET /api/policies/{policy_id}/targets/volumes/{id}/
```

13.67.1. Description

This endpoint returns a protected EC2 volume of the CPM policy whose ID is passed in the URL path.
* Any authenticated user can get his own volumes instances.
* Root user can also get the protected volumes of the managed users.
* Delegates can get the protected volumes of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.67.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.67.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_targets_volumes_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_targets_volumes_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string

Name	Description	Schema
aws_resource_type *optional*	AWS resource type.	string
capacity *optional*	Capacity of the resource (in GiB).	integer
created *optional*	Creation time of the resource.	string
encrypted *optional*	Whether the resource is encrypted or not.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
iops *optional*	Number of IOPS.	integer
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
tagged *optional*	Whether this resource has CPM backup tag.	boolean
zone *optional*	Availability zone of the resource.	string

13.67.4. Produces

- `application/json`

13.68. Delete an EC2 volume from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/volumes/{id}/
```

13.68.1. Description

This endpoint deletes an EC2 volume from the CPM policy whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own volumes.
* Root user can also delete volumes for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete volumes for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

13.68.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**policy_id** *required*	string

13.68.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Chapter 14. Prohibited_permissions

14.1. List initial Prohibited Permissions of Users and Roles of DR Accounts.

```
GET /api/prohibited_permissions/
```

14.1.1. Description

This endpoint returns the list of initial Prohibited Permissions of Users and Roles of DR Accounts.

Optional `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get the list of Prohibited Permissions.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

14.1.2. Responses

HTTP Code	Description	Schema
200	OK	< response_prohibited_permissions_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_prohibited_permissions_list

Name	Description	Schema
active *optional*	Whether the prohibited permission is active or not.	boolean
name *optional*	Name of the prohibited permission.	string

14.1.3. Produces

- `application/json`

Chapter 15. Recoveries

15.1. List CPM recovery records

```
GET /api/recoveries/
```

15.1.1. Description

This endpoint returns a list of CPM recovery records.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own recovery records.
* Root user can also get the recovery records of the managed users.
* Delegates can get the recovery records of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`

15.1.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	Recovery associated user.	string
Query	**id** *optional*	Unique ID of the resource in CPM.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * backup_time * policy * recovery_scenario_record * recovery_time * recovery_type * status * user	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**policy** *optional*	Recovered backup's associated policy.	string

Type	Name	Description	Schema
Query	**recovery_scenario_record** *optional*	Recovery scenario ID if related, NULL otherwise.	string
Query	**status** *optional*	Recovery status.	string
Query	**user** *optional*	ID of the owner user.	string

15.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_recoveries_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_recoveries_list

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_recoveries_list_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer

Name	Description	Schema
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_recoveries_list_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_recoveries_list_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_recoveries_list_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

15.1.4. Produces

- `application/json`

15.2. Retrieve a CPM recovery record

```
GET /api/recoveries/{id}/
```

15.2.1. Description

This endpoint returns the CPM recovery record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own recovery records.
* Root user can also get the recovery records of the managed users.
* Delegates can get the recovery records of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`

15.2.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

15.2.3. Responses

HTTP Code	Description	Schema
200	OK	response_recoveries_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_recoveries_read

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_marked_for_deletion *optional*	Whether this recovery's source backup is marked for deletion or not.	boolean
backup_record *optional*	Recovery's source backup ID.	integer

Name	Description	Schema
backup_time *optional*	Time the recovered backup started.	string
frozen_item_name *optional*	Frozen item name if associated backup is a frozen item, NULL otherwise .	string
glacier_retrieve_status *optional*		response_recoveries_read_glacier_retrieve_status
id *optional*	Unique ID of the resource in CPM.	integer
original_aws_region *optional*	Recovery's source AWS region.	string
original_resource_id *optional*	Recovery's source AWS ID.	string
policy *optional*	Recovered backup's associated policy.	integer
recovered_resource_ids *optional*	List of comma separated recovered resource IDs in following format: 'ID (original: ORIGINAL ID),ID (original: ORIGINAL ID), ...	string
recovery_scenario_id *optional*	CPM recovery scenario id.	string
recovery_scenario_name *optional*	CPM recovery scenario name.	string
recovery_scenario_record *optional*	Recovery scenario ID if related, NULL otherwise.	integer
recovery_scenario_record_dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
recovery_scenario_record_start_time *optional*	CPM recovery scenario run start time.	string
recovery_time *optional*	Recovery start time.	string

Name	Description	Schema
recovery_type *optional*	Recovery type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx)	enum (I, V, R, A, C, D, E, F)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_recoveries_read_s3_recover_status
status *optional*	Recovery status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)
user *optional*	ID of the owner user.	integer

response_recoveries_read_glacier_retrieve_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the retrieve from Glacier.	< integer > array
status *optional*	Status of the retrieve from Glacier. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

response_recoveries_read_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	< integer > array
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * Z (Not started) * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * G (Aborting) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped)	enum (Z, I, P, S, V, F, G, A, R, X, D, K)

15.2.4. Produces

- `application/json`

15.3. Delete a CPM recovery record

```
DELETE /api/recoveries/{id}/
```

15.3.1. Description

This endpoint deletes the CPM recovery record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own recovery records.
* Root user can also delete recovery records for the managed users.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

15.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

15.3.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

15.4. List the selected logs

```
GET /api/recoveries/{id}/logs/
```

15.4.1. Description

This endpoint returns a list of logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

15.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

15.4.3. Responses

HTTP Code	Description	Schema
200	OK	< response_recoveries_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_recoveries_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string

Name	Description	Schema
log_type *optional*	Severity of the logging.	string

15.4.4. Produces

- `application/json`
- `text/csv`

15.5. Abort an on going recovery from S3

```
POST /api/recoveries/{recovery_id}/recover_from_s3/abort/
```

15.5.1. Description

This endpoint aborts an on going recovery from S3.

Permissions and Restrictions:
* Any authenticated user with change backup and copy to S3 permissions can run abort.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

15.5.2. Parameters

Type	Name	Schema
Path	**recovery_id** *required*	string

15.5.3. Responses

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Chapter 16. Recovery_scenarios

16.1. Create a CPM recovery scenario

```
POST /api/recovery_scenarios/
```

16.1.1. Description

This endpoint creates a new CPM recovery scenario.

Permissions and Restrictions:
* Any authenticated user can create a new recovery scenario for himself.
* Root user can also create a new recovery scenario for the managed users.
* Authenticated delegate user with `allow_backup_changes` can create a new recovery scenario for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.5.0`

16.1.2. Parameters

Type	Name	Schema
Body	**data_recovery_scenarios_create** *required*	data_recovery_scenarios_create

data_recovery_scenarios_create

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds for the pre-script and post-script.	integer
collect_script_output *optional*	Flag whether to collect the user scripts output into recovery scenario record logs.	boolean
description *optional*	Description for the resource.	string
enable_agent_scripts *optional*	Flag whether to enable user pre-script and post-script.	boolean
endure *optional*	Flag whether to keep on recovering targets even after preceding failure.	boolean
name *optional*	Name of the resource.	string
policy *required*	ID of the policy this resource is associated with.	integer

Name	Description	Schema
recipients *optional*		< string > array
recovery_destination_account *optional*	CPM Account ID for recovery destination.	integer
recovery_destination_region *optional*	CPM DR region ID for recovery destination.	integer
schedule *optional*	Schedule ID associated with this recovery scenario for when to run.	integer
schedule_running_option *optional*	Running option for scheduled recovery scenario. **Allowed Enum Values** * D (Run dry run when schedule) * R (Run recovery when schedule)	enum (D, R)

16.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_recovery_scenarios_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_recovery_scenarios_create

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds for the pre-script and post-script.	integer
collect_script_output *optional*	Flag whether to collect the user scripts output into recovery scenario record logs.	boolean
description *optional*	Description for the resource.	string
enable_agent_scripts *optional*	Flag whether to enable user pre-script and post-script.	boolean
endure *optional*	Flag whether to keep on recovering targets even after preceding failure.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string

Name	Description	Schema
policy *optional*	ID of the policy this resource is associated with.	integer
recipients *optional*		< string > array
recovery_destination_account *optional*	CPM Account ID for recovery destination.	integer
recovery_destination_region *optional*	CPM DR region ID for recovery destination.	integer
schedule *optional*	Schedule ID associated with this recovery scenario for when to run.	integer
schedule_running_option *optional*	Running option for scheduled recovery scenario. **Allowed Enum Values** * D (Run dry run when schedule) * R (Run recovery when schedule)	enum (D, R)
target_type_count *optional*	Holds the count for each target type in the recovery scenario.	string

16.1.4. Consumes

- `application/json`

16.1.5. Produces

- `application/json`

16.2. List CPM recovery scenarios

```
GET /api/recovery_scenarios/
```

16.2.1. Description

This endpoint returns a list of CPM recovery scenarios.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own recovery scenarios.
* Root user can also get the recovery scenarios of the managed users.
* Delegates can get the recovery scenarios of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.5.0`

16.2.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**description** *optional*	Description for the resource.	string
Query	**name** *optional*	Name of the resource.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * from_account_name * name * policy * to_account_name * to_region_name	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**policy** *optional*	ID of the policy this resource is associated with.	string

Type	Name	Description	Schema
Query	**recovery_destination_account** *optional*	CPM Account ID for recovery destination.	string
Query	**recovery_destination_region** *optional*	CPM DR region ID for recovery destination.	string
Query	**schedule** *optional*	Schedule ID associated with this recovery scenario for when to run.	string
Query	**search** *optional*	Search term to look for in the fields: * name * description * name of related policy * description of related policy * name of destination region	string

16.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_recovery_scenarios_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_recovery_scenarios_list

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds for the pre-script and post-script.	integer
collect_script_output *optional*	Flag whether to collect the user scripts output into recovery scenario record logs.	boolean
description *optional*	Description for the resource.	string
enable_agent_scripts *optional*	Flag whether to enable user pre-script and post-script.	boolean
endure *optional*	Flag whether to keep on recovering targets even after preceding failure.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string

Name	Description	Schema
policy *optional*	ID of the policy this resource is associated with.	integer
recipients *optional*		< string > array
recovery_destination_account *optional*	CPM Account ID for recovery destination.	integer
recovery_destination_region *optional*	CPM DR region ID for recovery destination.	integer
schedule *optional*	Schedule ID associated with this recovery scenario for when to run.	integer
schedule_running_option *optional*	Running option for scheduled recovery scenario. **Allowed Enum Values** * D (Run dry run when schedule) * R (Run recovery when schedule)	enum (D, R)
target_type_count *optional*	Holds the count for each target type in the recovery scenario.	string

16.2.4. Produces

- `application/json`

16.3. List CPM recovery scenario records

```
GET /api/recovery_scenarios/records/
```

16.3.1. Description

This endpoint returns a list of CPM recovery scenario records.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own recovery scenario records.
* Root user can also get the recovery scenario records of the managed users.
* Delegates can get the recovery scenario records of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

16.3.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**backup_record** *optional*	The CPM Backup ID used for recoveries.	string
Query	**dry_run_only** *optional*	Is recovery scenario performed dry run only or fully.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * backup_time * start_time	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**policy** *optional*	ID of the policy this resource is associated with.	string
Query	**recovery_scenario** *optional*	The CPM recovery scenario ID for this run.	string

Type	Name	Description	Schema
Query	**start_time** *optional*	The CPM recovery scenario run start time.	string
Query	**status** *optional*	The CPM recovery scenario run status.	string
Query	**user** *optional*	ID of the owner user.	string

16.3.3. Responses

HTTP Code	Description	Schema
200	OK	< response_recovery_scenarios_records_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_recovery_scenarios_records_list

Name	Description	Schema
backup_record *optional*	The CPM Backup ID used for recoveries.	integer
backup_record_start_time *optional*	The CPM Backup start time used for recoveries.	string
dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
end_time *optional*	The CPM recovery scenario run end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
recovery_scenario *optional*	The CPM recovery scenario ID for this run.	integer
start_time *optional*	The CPM recovery scenario run start time.	string
status *optional*	The CPM recovery scenario run status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

16.3.4. Produces

- `application/json`

16.4. Retrieve a CPM recovery scenario record

```
GET /api/recovery_scenarios/records/{id}/
```

16.4.1. Description

This endpoint returns the CPM recovery scenario record.

Permissions and Restrictions:
* Any authenticated user can get his own recovery scenario records.
* Root user can also get the recovery scenario records of the managed users.
* Delegates can get the recovery scenario records of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

16.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

16.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_recovery_scenarios_records_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_recovery_scenarios_records_read

Name	Description	Schema
backup_record *optional*	The CPM Backup ID used for recoveries.	integer
backup_record_start_time *optional*	The CPM Backup start time used for recoveries.	string
dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean

Name	Description	Schema
end_time *optional*	The CPM recovery scenario run end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
recovery_scenario *optional*	The CPM recovery scenario ID for this run.	integer
start_time *optional*	The CPM recovery scenario run start time.	string
status *optional*	The CPM recovery scenario run status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

16.4.4. Produces

- `application/json`

16.5. Update a resource

```
PUT /api/recovery_scenarios/records/{id}/
```

16.5.1. Description

None

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

16.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_recovery_scenarios_records_update** *required*	data_recovery_scenarios_records_update

data_recovery_scenarios_records_update

Name	Description	Schema
dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
end_time *required*	The CPM recovery scenario run end time.	string
start_time *required*	The CPM recovery scenario run start time.	string
status *required*	The CPM recovery scenario run status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

16.5.3. Responses

HTTP Code	Description	Schema
200	OK	response_recovery_scenarios_records_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_recovery_scenarios_records_update

Name	Description	Schema
backup_record *optional*	The CPM Backup ID used for recoveries.	integer
backup_record_start_time *optional*	The CPM Backup start time used for recoveries.	string
dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
end_time *optional*	The CPM recovery scenario run end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
recovery_scenario *optional*	The CPM recovery scenario ID for this run.	integer
start_time *optional*	The CPM recovery scenario run start time.	string
status *optional*	The CPM recovery scenario run status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

16.5.4. Consumes

- `application/json`

16.5.5. Produces

- `application/json`

16.6. Delete a CPM recovery scenario record

```
DELETE /api/recovery_scenarios/records/{id}/
```

16.6.1. Description

This endpoint deletes the CPM recovery scenario record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own recovery scenario records.
* Root user can also delete recovery scenario records for the managed users.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

16.6.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

16.6.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

16.7. List of recovery scenario record logs.

```
GET /api/recovery_scenarios/records/{id}/logs/
```

16.7.1. Description

This endpoint returns a list of recovery scenario record logs for the policy, scenario and scenario_id passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

16.7.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

16.7.3. Responses

HTTP Code	Description	Schema
200	OK	< response_recovery_scenarios_records_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_recovery_scenarios_records_list_logs

Name	Description	Schema
log *optional*	Log message.	string

Name	Description	Schema
log_time *optional*	Time of the logging.	string
log_type *optional*	Severity of the logging.	string

16.7.4. Produces

- `application/json`
- `text/csv`

16.8. Retrieve a CPM recovery scenario

```
GET /api/recovery_scenarios/{id}/
```

16.8.1. Description

This endpoint returns the CPM recovery scenario for the ID passed in the URL path.
The URL also contains the policy ID of the scenario.

Permissions and Restrictions:
* Any authenticated user can get his own recovery scenarios.
* Root user can also get the recovery scenarios of the managed users.
* Delegates can get the recovery scenarios of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.5.0`

16.8.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

16.8.3. Responses

HTTP Code	Description	Schema
200	OK	response_recovery_scenarios_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_recovery_scenarios_read

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds for the pre-script and post-script.	integer
collect_script_output *optional*	Flag whether to collect the user scripts output into recovery scenario record logs.	boolean

Name	Description	Schema
description *optional*	Description for the resource.	string
enable_agent_scripts *optional*	Flag whether to enable user pre-script and post-script.	boolean
endure *optional*	Flag whether to keep on recovering targets even after preceding failure.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
policy *optional*	ID of the policy this resource is associated with.	integer
recipients *optional*		< string > array
recovery_destination_account *optional*	CPM Account ID for recovery destination.	integer
recovery_destination_region *optional*	CPM DR region ID for recovery destination.	integer
schedule *optional*	Schedule ID associated with this recovery scenario for when to run.	integer
schedule_running_option *optional*	Running option for scheduled recovery scenario. **Allowed Enum Values** * D (Run dry run when schedule) * R (Run recovery when schedule)	enum (D, R)
target_type_count *optional*	Holds the count for each target type in the recovery scenario.	string

16.8.4. Produces

- `application/json`

16.9. Update a CPM recovery scenario

```
PUT /api/recovery_scenarios/{id}/
```

16.9.1. Description

This endpoint updates the CPM recovery scenario for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own recovery scenarios.
* Root user can also update recovery scenarios for the managed users.
* Authenticated delegate user with `allow_backup_changes` can update recovery scenarios for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.5.0`

16.9.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_recovery_scenarios_update** *required*	data_recovery_scenarios_update

data_recovery_scenarios_update

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds for the pre-script and post-script.	integer
collect_script_output *optional*	Flag whether to collect the user scripts output into recovery scenario record logs.	boolean
description *optional*	Description for the resource.	string
enable_agent_scripts *optional*	Flag whether to enable user pre-script and post-script.	boolean
endure *optional*	Flag whether to keep on recovering targets even after preceding failure.	boolean
name *optional*	Name of the resource.	string

Name	Description	Schema
recipients *optional*		< string > array
recovery_destination_account *optional*	CPM Account ID for recovery destination.	integer
recovery_destination_region *optional*	CPM DR region ID for recovery destination.	integer
schedule *optional*	Schedule ID associated with this recovery scenario for when to run.	integer
schedule_running_option *optional*	Running option for scheduled recovery scenario. **Allowed Enum Values** * D (Run dry run when schedule) * R (Run recovery when schedule)	enum (D, R)

16.9.3. Responses

HTTP Code	Description	Schema
200	OK	response_recovery_scenarios_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_recovery_scenarios_update

Name	Description	Schema
agent_script_timeout *optional*	Timeout in seconds for the pre-script and post-script.	integer
collect_script_output *optional*	Flag whether to collect the user scripts output into recovery scenario record logs.	boolean
description *optional*	Description for the resource.	string
enable_agent_scripts *optional*	Flag whether to enable user pre-script and post-script.	boolean
endure *optional*	Flag whether to keep on recovering targets even after preceding failure.	boolean
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
name *optional*	Name of the resource.	string
policy *optional*	ID of the policy this resource is associated with.	integer
recipients *optional*		< string > array
recovery_destination_account *optional*	CPM Account ID for recovery destination.	integer
recovery_destination_region *optional*	CPM DR region ID for recovery destination.	integer
schedule *optional*	Schedule ID associated with this recovery scenario for when to run.	integer
schedule_running_option *optional*	Running option for scheduled recovery scenario. **Allowed Enum Values** * D (Run dry run when schedule) * R (Run recovery when schedule)	enum (D, R)
target_type_count *optional*	Holds the count for each target type in the recovery scenario.	string

16.9.4. Consumes

- `application/json`

16.9.5. Produces

- `application/json`

16.10. Delete a CPM recovery scenario

```
DELETE /api/recovery_scenarios/{id}/
```

16.10.1. Description

This endpoint deletes the CPM recovery scenario for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own recovery scenarios.
* Root user can also delete recovery scenarios for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete recovery scenarios for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

16.10.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

16.10.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

16.11. Run a CPM recovery scenario

```
POST /api/recovery_scenarios/{scenario_id}/recover/
```

16.11.1. Description

This endpoint runs the CPM recovery scenario for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can run his own recovery scenarios.
* Root user can also run recovery scenarios for the managed users.
* Authenticated delegate user with `allow_perform_recovery` can run recovery scenarios for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

16.11.2. Parameters

Type	Name	Schema
Path	**scenario_id** *required*	string
Body	**data_recovery_scenarios_recover_create** *required*	data_recovery_scenarios_recover_create

data_recovery_scenarios_recover_create

Name	Description	Schema
backup_id *required*	The CPM Backup ID to be used for recoveries.	integer
dry_run_only *optional*	Flag whether to perform full recovery or dry run only.	boolean

16.11.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_recovery_scenarios_recover_create
400	Bad Request	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content

response_recovery_scenarios_recover_create

Name	Description	Schema
backup_record *optional*	The CPM Backup ID used for recoveries.	integer
backup_record_start_time *optional*	The CPM Backup start time used for recoveries.	string
dry_run_only *optional*	Is recovery scenario performed dry run only or fully.	boolean
end_time *optional*	The CPM recovery scenario run end time.	string
id *optional*	Unique ID of the resource in CPM.	integer
recovery_scenario *optional*	The CPM recovery scenario ID for this run.	integer
start_time *optional*	The CPM recovery scenario run start time.	string
status *optional*	The CPM recovery scenario run status. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

16.11.4. Consumes

- `application/json`

16.11.5. Produces

- `application/json`

16.12. Create a CPM recovery scenario target

```
POST /api/recovery_scenarios/{scenario_id}/targets/
```

16.12.1. Description

This endpoint creates a new CPM recovery scenario target.

Permissions and Restrictions:
* Any authenticated user can create a new recovery scenario target for himself.
* Root user can also create a new recovery scenario target for the managed users.
* Authenticated delegate user with `allow_backup_changes` can create a new recovery scenario target for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.6.0`

16.12.2. Parameters

Type	Name	Schema
Path	**scenario_id** *required*	string
Body	**data_recovery_scenarios_targets_create** *required*	data_recovery_scenarios_targets_create

data_recovery_scenarios_targets_create

Name	Description	Schema
aws_region *required*	Recovery scenario target origin aws region.	string
aws_resource_id *required*	Recovery scenario target resource AWS id.	string
configuration *required*	Recovery scenario target configuration in JSON format.	string
order *optional*	Order recovery integer value.	integer

Name	Description	Schema
recovery_type *required*	Recovery scenario target type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx) * S3I (S3 Instance) * S3V (S3 Volume) * DRV (DR Volume) * DRR (DR RDS Database) * DRA (DR RDS Cluster) * DRE (DR EFS)	enum (I, V, R, A, C, D, E, F, S3I, S3V, DRV, DRR, DRA, DRE)

16.12.3. Responses

HTTP Code	Description	Schema
201	Created	response_recovery_scenarios_targets_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_recovery_scenarios_targets_create

Name	Description	Schema
aws_region *optional*	Recovery scenario target origin aws region.	string
aws_resource_id *optional*	Recovery scenario target resource AWS id.	string
configuration *optional*	Recovery scenario target configuration in JSON format.	string
id *optional*	Unique ID of the resource in CPM.	integer
order *optional*	Order recovery integer value.	integer

Name	Description	Schema
recovery_type *optional*	Recovery scenario target type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx) * S3I (S3 Instance) * S3V (S3 Volume) * DRV (DR Volume) * DRR (DR RDS Database) * DRA (DR RDS Cluster) * DRE (DR EFS)	enum (I, V, R, A, C, D, E, F, S3I, S3V, DRV, DRR, DRA, DRE)

16.12.4. Consumes

- `application/json`

16.12.5. Produces

- `application/json`

16.13. List CPM recovery scenario targets

```
GET /api/recovery_scenarios/{scenario_id}/targets/
```

16.13.1. Description

This endpoint returns a list of CPM recovery scenario targets.

Optional `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own recovery scenario targets.
* Root user can also get the recovery scenario targets of the managed users.
* Delegates can get the recovery scenario targets of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.6.0`

16.13.2. Parameters

Type	Name	Description	Schema
Path	**scenario_id** *required*		string
Query	**aws_resource_id** *optional*	Recovery scenario target resource AWS id.	string
Query	**order** *optional*	Order recovery integer value.	number
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * aws_resource_id * order * recovery_type	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**recovery_type** *optional*	Recovery scenario target type.	string

Type	Name	Description	Schema
Query	**search** *optional*	Search term to look for in the fields: * recovery_type * aws_resource_id * order	string

16.13.3. Responses

HTTP Code	Description	Schema
200	OK	< response_recovery_scenarios_targets_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_recovery_scenarios_targets_list

Name	Description	Schema
aws_region *optional*	Recovery scenario target origin aws region.	string
aws_resource_id *optional*	Recovery scenario target resource AWS id.	string
configuration *optional*	Recovery scenario target configuration in JSON format.	string
id *optional*	Unique ID of the resource in CPM.	integer
order *optional*	Order recovery integer value.	integer
recovery_type *optional*	Recovery scenario target type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx) * S3I (S3 Instance) * S3V (S3 Volume) * DRV (DR Volume) * DRR (DR RDS Database) * DRA (DR RDS Cluster) * DRE (DR EFS)	enum (I, V, R, A, C, D, E, F, S3I, S3V, DRV, DRR, DRA, DRE)

16.13.4. Produces

- `application/json`

16.14. Retrieve a CPM recovery scenario target

```
GET /api/recovery_scenarios/{scenario_id}/targets/{id}/
```

16.14.1. Description

This endpoint returns the CPM recovery scenario target for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own recovery scenario targets.
* Root user can also get the recovery scenario targets of the managed users.
* Delegates can get the recovery scenario targets of their original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.6.0`

16.14.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**scenario_id** *required*	string

16.14.3. Responses

HTTP Code	Description	Schema
200	OK	response_recovery_scenarios_targets_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_recovery_scenarios_targets_read

Name	Description	Schema
aws_region *optional*	Recovery scenario target origin aws region.	string
aws_resource_id *optional*	Recovery scenario target resource AWS id.	string

Name	Description	Schema
configuration *optional*	Recovery scenario target configuration in JSON format.	string
id *optional*	Unique ID of the resource in CPM.	integer
order *optional*	Order recovery integer value.	integer
recovery_type *optional*	Recovery scenario target type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx) * S3I (S3 Instance) * S3V (S3 Volume) * DRV (DR Volume) * DRR (DR RDS Database) * DRA (DR RDS Cluster) * DRE (DR EFS)	enum (I, V, R, A, C, D, E, F, S3I, S3V, DRV, DRR, DRA, DRE)

16.14.4. Produces

- `application/json`

16.15. Update a CPM recovery scenario target

```
PUT /api/recovery_scenarios/{scenario_id}/targets/{id}/
```

16.15.1. Description

This endpoint updates the CPM recovery scenario target for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own recovery scenario targets.
* Root user can also update recovery scenario targets for the managed users.
* Authenticated delegate user with `allow_backup_changes` can update recovery scenario targets for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.6.0`

16.15.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**scenario_id** *required*	string
Body	**data_recovery_scenarios_targets_update** *required*	data_recovery_scenarios_targets_update

data_recovery_scenarios_targets_update

Name	Description	Schema
configuration *required*	Recovery scenario target configuration in JSON format.	string
order *optional*	Order recovery integer value.	integer

Name	Description	Schema
recovery_type *required*	Recovery scenario target type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx) * S3I (S3 Instance) * S3V (S3 Volume) * DRV (DR Volume) * DRR (DR RDS Database) * DRA (DR RDS Cluster) * DRE (DR EFS)	enum (I, V, R, A, C, D, E, F, S3I, S3V, DRV, DRR, DRA, DRE)

16.15.3. Responses

HTTP Code	Description	Schema
200	OK	response_recovery_scenarios_targets_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_recovery_scenarios_targets_update

Name	Description	Schema
aws_region *optional*	Recovery scenario target origin aws region.	string
aws_resource_id *optional*	Recovery scenario target resource AWS id.	string
configuration *optional*	Recovery scenario target configuration in JSON format.	string
id *optional*	Unique ID of the resource in CPM.	integer
order *optional*	Order recovery integer value.	integer

Name	Description	Schema
recovery_type *optional*	Recovery scenario target type. **Allowed Enum Values** * I (Instance) * V (Volume) * R (RDS Database) * A (RDS Cluster) * C (Redshift Cluster) * D (DynamoDB Table) * E (EFS) * F (FSx) * S3I (S3 Instance) * S3V (S3 Volume) * DRV (DR Volume) * DRR (DR RDS Database) * DRA (DR RDS Cluster) * DRE (DR EFS)	enum (I, V, R, A, C, D, E, F, S3I, S3V, DRV, DRR, DRA, DRE)

16.15.4. Consumes

- `application/json`

16.15.5. Produces

- `application/json`

16.16. Delete a CPM recovery scenario target

```
DELETE /api/recovery_scenarios/{scenario_id}/targets/{id}/
```

16.16.1. Description

This endpoint deletes the CPM recovery scenario target for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own recovery scenario targets.
* Root user can also delete recovery scenario targets for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete recovery scenario targets for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

16.16.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**scenario_id** *required*	string

16.16.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Chapter 17. Regions

17.1. List enabled DR target regions

```
GET /api/regions/
```

17.1.1. Description

This endpoint returns the list of enabled DR target regions.

Optional `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get the list of enabled regions.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

17.1.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

17.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_regions_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_regions_list

Name	Description	Schema
aws_region *optional*	Name of the region in AWS.	string
disp_name *optional*	Display name of the target region.	string

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer

17.1.4. Produces

- `application/json`

Chapter 18. Reports

18.1. Audit report

```
GET /api/reports/audit/
```

18.1.1. Description

This endpoint returns a list of user audit records.

Optional `filters`, `sorting`, `search` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Only an admin user can access this API.
* An admin user can view the audit records of all users (root, managed, independent, delegates).

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`

18.1.2. Parameters

Type	Name	Description	Schema
Query	**event_type** *optional*	Type of the event.	string
Query	**from_time** *optional*	Time from which to display events.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * event_time * username	string
Query	**original_user** *optional*	If the user is of type 'delegate', this field will contain the username of the user for whom this user is a delegate. Otherwise, it will contain this user's username. For media type `text/csv`, a 'Delegate of' column will be included in the response instead and will contain the value 'N/A' if the user is not of type 'delegate'. For media type `text/csv`, when the 'username' filter is applied, neither 'original_user' nor 'Delegate of' will be included.	string

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * log	string
Query	**to_time** *optional*	Time until which to display events.	string
Query	**user** *optional*	User's user ID. Deprecated - use `user` instead.	string
Query	**user_id** *optional*	User's user ID. Deprecated - use `user` instead.	string
Query	**username** *optional*	User's username. For media type `text/csv`, this column will not be included when the 'username' filter is applied.	string

18.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_audit_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_audit_list

Name	Description	Schema
event_time *optional*	Event time.	string
event_type *optional*	Type of the event.	string
log *optional*	Logged text.	string

Name	Description	Schema
original_user *optional*	If the user is of type 'delegate', this field will contain the username of the user for whom this user is a delegate. Otherwise, it will contain this user's username. For media type `text/csv`, a 'Delegate of' column will be included in the response instead and will contain the value 'N/A' if the user is not of type 'delegate'. For media type `text/csv`, when the 'username' filter is applied, neither 'original_user' nor 'Delegate of' will be included.	string
user_type *optional*	User type (root/managed/independent/delegate). For media type `text/csv`, this column will not be included when the 'username' filter is applied.	string
username *optional*	User's username. For media type `text/csv`, this column will not be included when the 'username' filter is applied.	string

18.1.4. Produces

- `application/json`
- `text/csv`

18.2. Backup report

```
GET /api/reports/backups/
```

18.2.1. Description

This endpoint returns a list of backup report items.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own backups.
* Root user and his delegates can also get the backups of the managed users.
* Delegates can get the backups of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`

18.2.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Name of the account this backup is associated with.	string
Query	**backup_id** *optional*	ID of the backup record.	number
Query	**dr_status** *optional*	Backup's DR status.	string
Query	**from_time** *optional*	Return records of backups which started after this time.	string
Query	**is_retry** *optional*	Is this backup a retry attempt.	string
Query	**marked_for_deletion** *optional*	Is this backup marked for deletion.	string

Type	Name	Description	Schema
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account_name * backup_id * dr_status * end_time * is_retry * marked_for_deletion * policy_name * start_time * status * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**policy_name** *optional*	Name of the policy this backup is associated with.	string
Query	**status** *optional*	Backup status.	string
Query	**to_time** *optional*	Return records of backups which started before this time.	string
Query	**user** *optional*	ID of the owner user.	string
Query	**username** *optional*	Username of the user this backup is associated with. For media type `text/csv`, this column will not be included if there is only one applicable user	string

18.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_backups_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_backups_list

Name	Description	Schema
account_name *optional*	Name of the account this backup is associated with.	string

Name	Description	Schema
archive_status *optional*		string
aws_account_number *optional*	AWS account number of this backup account.	string
backup_id *optional*	ID of the backup record.	string
dr_status *optional*	Backup's DR status. **Allowed Enum Values** * N (N/A) * P (Pending) * I (In Progress) * S (Skipped) * C (Completed) * F (Failed)	enum (N, P, I, S, C, F)
end_time *optional*	Backup's end time. For media type `application/json`, the date/time returned is UTC. For `text/csv`, it is the server time.	string
is_retry *optional*	Is this backup a retry attempt.	boolean
marked_for_deletion *optional*	Is this backup marked for deletion.	boolean
policy_name *optional*	Name of the policy this backup is associated with.	string
s3_copy_status *optional*	S3 Copy status (license dependent).	string
start_time *optional*	Backup's start time. For media type `application/json`, the date/time returned is UTC. For `text/csv`, it is the server time.	string
status *optional*	Backup status. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Backup Successful) * A (Backup Partially Successful) * S (Not All Snapshots Succeeded) * D (All Snapshots Deleted) * F (Backup Failed) * M (Moved to S3 Storage) * G (Moved to S3 Glacier)	enum (I, P, B, A, S, D, F, M, G)

Name	Description	Schema
status_before_deletion *optional*	Backup's status before its native snapshots were deleted. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Backup Successful) * A (Backup Partially Successful) * S (Not All Snapshots Succeeded) * D (All Snapshots Deleted) * F (Backup Failed) * M (Moved to S3 Storage) * G (Moved to S3 Glacier)	enum (I, P, B, A, S, D, F, M, G)
username *optional*	Username of the user this backup is associated with. For media type `text/csv`, this column will not be included if there is only one applicable user	string

18.2.4. Produces

- `application/json`
- `text/csv`

18.3. Protected resources report

```
GET /api/reports/protected-resources/
```

18.3.1. Description

This endpoint returns a list of protected resource records.

Optional `filters` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get records of his own instances.
* Root user and his delegates can also get records of all other users.
* Delegates can get the snapshots of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`

18.3.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account's name.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**user** *optional*	ID of the owner user.	string
Query	**username** *optional*	Associated user's username.	string

18.3.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_protected-resources_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_protected-resources_list

Name	Description	Schema
account_name *optional*	Associated account's name.	string
aws_region *optional*	Associated region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_name *optional*	Instance's AWS name if an EC2 instance, otherwise 'null'.	string
policies *optional*	Policies covering this resource.	< string > array
resource_type *optional*	'instance'/'independent_volume'/'rds'/'aurora'/'redshift'.	string
schedules *optional*	Schedules covering this resource.	< string > array
username *optional*	Associated user's username.	string

18.3.4. Produces

- `application/json`
- `text/csv`

18.4. Resource Control operations report

```
GET /api/reports/resource_control_operations/
```

18.4.1. Description

This endpoint returns a list of Resource Control operations report items.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own operations.
* Root user and his delegates can also get the operations of the managed users.
* Delegates can get the operations of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

18.4.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Name of the account this operation is associated with.	string
Query	**from_time** *optional*	Time from which to display reports.	string
Query	**group_name** *optional*	Name of the Resource Control group this operation is associated with.	string
Query	**marked_for_deletion** *optional*	Is this Resource Control operation marked for deletion.	string

Type	Name	Description	Schema
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account_name * end_time * group_name * marked_for_deletion * rc_operation_id * start_time * status * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**rc_operation_id** *optional*	ID of the Resource Control operation record.	number
Query	**status** *optional*	Resource Control operation status	string
Query	**to_time** *optional*	Time until which to display reports.	string
Query	**user** *optional*	ID of the owner user.	string
Query	**username** *optional*	Username of the user this Resource Control operation is associated with. For media type `text/csv`, this column will not be included if there is only one applicable user	string

18.4.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_resource_control_operations_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_resource_control_operations_list

Name	Description	Schema
account_name *optional*	Name of the account this operation is associated with.	string

Name	Description	Schema
aws_account_number *optional*	AWS account number of this backup account	string
end_time *optional*	Resource Control operation end time. For media type `application/json`, the date/time returned is UTC. For `text/csv`, it is the server time.	string
group_name *optional*	Name of the Resource Control group this operation is associated with.	string
marked_for_deletion *optional*	Is this Resource Control operation marked for deletion.	boolean
rc_operation_id *optional*	ID of the Resource Control operation record.	string
start_time *optional*	Resource Control operation start time. For media type `application/json`, the date/time returned is UTC. For `text/csv`, it is the server time.	string
status *optional*	Resource Control operation status **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Operation Successful) * A (Operation Partially Successful) * S (Operation Partially Successful) * F (Operation Failed)	enum (I, P, B, A, S, F)
username *optional*	Username of the user this Resource Control operation is associated with. For media type `text/csv`, this column will not be included if there is only one applicable user	string

18.4.4. Produces

- `application/json`
- `text/csv`

18.5. Snapshots report

```
GET /api/reports/snapshots/
```

18.5.1. Description

This endpoint returns a list of snapshot records.

Optional `filters` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own snapshots.
* Root user and his delegates can also get the snapshots of managed users.
* Delegates can get the snapshots of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* Supported parameters for media type `text/csv`: `account`, `from_time`, `to_time`.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

18.5.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**from_time** *optional*	Include snapshots belonging to backups which started from this time forward.	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

18.5.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_snapshots_list > array

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_snapshots_list

Name	Description	Schema
account_name *optional*	Associated account name.	string
aws_account_number *optional*	Associated account's AWS account number.	string
backed_up_resource_id *optional*	Backed-up resource's AWS ID.	string
backed_up_resource_name *optional*	Backed-up resource's name.	string
backup_id *optional*	Backup's ID.	string
cbt_changed_size_mb *optional*		integer
cbt_valid_size_mb *optional*		integer
deletion_time *optional*	Time of the snapshot's deletion.	string
end_time *optional*	Snapshot's end time.	string
instance_id *optional*	EC2 instance's ID if an attached volume, otherwise 'null'.	string
instance_name *optional*	EC2 instance's name if an attached volume, otherwise 'null'.	string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region ID.	string
snapshot_account_name *optional*	Name of the account in which the snapshot was created.	string
snapshot_aws_account_number *optional*	AWS account number of the account in which the snapshot was created.	string
snapshot_id *optional*	Snapshot's AWS ID.	string

Name	Description	Schema
snapshot_type *optional*	Backed-up resource type ('ebs'/'ebs_copy'/'rds'/'rds_copy'/'redshift')	string
start_time *optional*	Backup's start time.	string
status *optional*	Backup status.	string
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

18.5.4. Produces

- `application/json`
- `text/csv`

18.6. Summary report

```
GET /api/reports/summary/
```

18.6.1. Description

This endpoint creates a summary report in PDF format.

Optional `filters` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can create this report for his resources.

PDF Media Type:
* `application/pdf` media type is the only one supported for this endpoint.
* `page` and `page_size` parameters are not supported.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.6.0`

18.6.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	number
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**period_length** *optional*	None	number
Query	**period_type** *optional*	None	string
Query	**user** *optional*	ID of the owner user.	number

18.6.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_summary_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_summary_list

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
account_name *optional*		string
accounts *optional*		integer
backup_dr_fail_num *optional*		integer
backup_dr_partial_num *optional*		integer
backup_dr_success_num *optional*		integer
backup_fail_num *optional*		integer
backup_partial_num *optional*		integer
backup_s3_fail_num *optional*		integer
backup_s3_partial_num *optional*		integer
backup_s3_success_num *optional*		integer
backup_success_num *optional*		integer
cost_explorer *optional*		string
cost_savings *optional*		string
managed_snapshots *optional*		integer
period_length *optional*		integer

Name	Description	Schema
period_type *optional*	**Allowed Enum Values** * W (Week) * M (Month)	enum (W, M)
policies *optional*		integer
protected_resources *optional*		integer
user *optional*	ID of the owner user.	integer
user_name *optional*		string
volumes_above_high_watermark_num *optional*		integer
volumes_below_low_watermark_num *optional*		integer
volumes_usage_percentage_num *optional*		integer

18.6.4. Produces

- `application/pdf`

18.7. Account usage report

```
GET /api/reports/usage/
```

18.7.1. Description

This endpoint returns a list of account usage records.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own usage records.
* Root user and his delegates can also get the usage records of other users (managed and independent).
* Delegates can get the usage records of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.
* In the generated report there will also be a "Total Non-Instance Storage (GiB)" column.
* A cryptographic signature is added as the last row of the report.

> This endpoint is deprecated and will be removed in future release.
> Use `GET /api/reports/usage/summary/` or `GET /api/reports/usage/detailed/` instead.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`
- ***Deprecated since:*** `1.3.0`

18.7.2. Parameters

Type	Name	Description	Schema
Query	**account_name** *optional*	Name of the account.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account_name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

Type	Name	Description	Schema
Query	**username** *optional*	Username of the user this account is associated with. For media type `text/csv`, this column will not be included if there is only one applicable user.	string

18.7.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_usage_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_usage_list

Name	Description	Schema
account_name *optional*	Name of the account.	string
num_controlled_entities *optional*	Number of entities under this account which are controlled by CPM.	integer
num_efs *optional*	Number of Elastic File Systems (EFS) under this account which are protected by CPM.	integer
num_fsx *optional*	Number of FSx systems under this account which are protected by CPM.	integer
num_gib_of_dynamo_db *optional*	Number of DynamoDB GiB under this account which are protected by CPM.	integer
num_gib_of_independent_volumes *optional*	Number of independent volume GiB under this account which are protected by CPM.	integer
num_gib_of_rds *optional*	Number of RDS GiB under this account which are protected by CPM.	integer
num_gib_of_redshift *optional*	Number of Redshift GiB under this account which are protected by CPM.	integer
num_instances *optional*	Number of instances under this account which are protected by CPM.	integer
username *optional*	Username of the user this account is associated with. For media type `text/csv`, this column will not be included if there is only one applicable user.	string

18.7.4. Produces

- `application/json`

- text/csv

18.8. Anonymized account usage report

```
GET /api/reports/usage/anonymized/
```

18.8.1. Description

This endpoint returns a list of the anonymized account usage records.

Permissions and Restrictions:
* Only root user and his delegates are permitted access to this report.
* Root user and his delegates get the usage records of all users (root, managed and independent).

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.
* In the generated report there will also be a "Total Non-Instance Storage (GiB)" column.
* A cryptographic signature is added as the last row of the report.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`

18.8.2. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_usage_anonymized_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_usage_anonymized_list

Name	Description	Schema
account_id *optional*	ID of the account.	string
controlled_entities *optional*	Number of entities under this account which are controlled by CPM.	integer
num_efs *optional*	Number of Elastic File Systems (EFS) under this account which are protected by CPM.	integer
num_fsx *optional*		integer

Name	Description	Schema
num_gib_of_dynamo_db *optional*	Number of DynamoDB GiB under this account which are protected by CPM.	integer
num_gib_of_independent_volumes *optional*	Number of independent volume GiB under this account which are protected by CPM.	integer
num_gib_of_rds *optional*	Number of RDS GiB under this account which are protected by CPM.	integer
num_gib_of_redshift *optional*	Number of Redshift GiB under this account which are protected by CPM.	integer
num_instances *optional*	Number of instances under this account which are protected by CPM.	integer
user_id *optional*	ID of the user this account is associated with.	string

18.8.3. Produces

- `application/json`
- `text/csv`

18.9. User/Account detailed usage reports

```
GET /api/reports/usage/detailed/
```

18.9.1. Description

This endpoint returns a list of user/account usage records. The usages of user's accounts are detailed.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own usage records.
* Root user and his delegates can also get the usage records of other users (managed and independent).
* Delegates can get the usage records of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.
* In the generated report there will also be a "Total Non-Instance Storage (GiB)" column.
* A cryptographic signature is added as the last row of the report.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

18.9.2. Parameters

Type	Name	Description	Schema
Query	**account_name** *optional*	Name of the account.	string
Query	**from_time** *optional*	Time from which to display reports.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account_name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**to_time** *optional*	Time until which to display reports.	string

Type	Name	Description	Schema
Query	**user** *optional*	ID of the owner user.	string
Query	**username** *optional*	Name of the user.	string

18.9.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_usage_detailed_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_usage_detailed_list

Name	Description	Schema
account_id *optional*	ID of the account.	integer
account_name *optional*	Name of the account.	string
capturing_vpcs *optional*	Protecting VPCs under this account, by VPCs capturing.	boolean
num_controlled_entities *optional*	Number of entities under this account which are controlled by CPM.	string
num_efs *optional*	Number of Elastic File Systems (EFS) under this account which are protected by CPM.	string
num_fsx *optional*		string
num_gib_of_dynamo_db *optional*	Number of DynamoDB GiB under this account which are protected by CPM.	string
num_gib_of_independent_volumes *optional*	Number of independent volume GiB under this account which are protected by CPM.	string
num_gib_of_rds *optional*	Number of RDS GiB under this account which are protected by CPM.	string
num_gib_of_redshift *optional*	Number of Redshift GiB under this account which are protected by CPM.	string
num_instances *optional*	Number of instances under this account which are protected by CPM.	string

Name	Description	Schema
num_instances_dr *optional*	Number of instances under this account which are protected by CPM DR policies.	string
num_instances_s3 *optional*	Number of instances under this account which are protected by CPM S3 policies.	string
report_time *optional*	The date of the report.	string
scanning_tags *optional*	Protecting entities under this account, by backup tags scanning.	boolean
total_non_instance_storage *optional*	Total number of non-instance storage GiB under this account which are protected by CPM.	string
user_id *optional*	ID of the user this account is associated with.	integer
username *optional*	Name of the user.	string

18.9.4. Produces

- `application/json`
- `text/csv`

18.10. User/Account detailed anonymous usage reports

```
GET /api/reports/usage/detailed/anonymous/
```

18.10.1. Description

This endpoint returns a list of user/account anonymous usage records. The usages of user's accounts are detailed.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own usage records.
* Root user and his delegates can also get the usage records of other users (managed and independent).
* Delegates can get the usage records of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.
* In the generated report there will also be a "Total Non-Instance Storage (GiB)" column.
* A cryptographic signature is added as the last row of the report.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

18.10.2. Parameters

Type	Name	Description	Schema
Query	**account_name** *optional*	Name of the account.	string
Query	**from_time** *optional*	Time from which to display reports.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account_name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

Type	Name	Description	Schema
Query	**to_time** *optional*	Time until which to display reports.	string
Query	**user** *optional*	ID of the owner user.	string
Query	**username** *optional*	Name of the user.	string

18.10.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_usage_detailed_anonymous_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_usage_detailed_anonymous_list

Name	Description	Schema
account_id *optional*	ID of the account.	integer
account_name *optional*	Name of the account.	string
capturing_vpcs *optional*	Protecting VPCs under this account, by VPCs capturing.	boolean
num_controlled_entities *optional*	Number of entities under this account which are controlled by CPM.	string
num_efs *optional*	Number of Elastic File Systems (EFS) under this account which are protected by CPM.	string
num_fsx *optional*		string
num_gib_of_dynamo_db *optional*	Number of DynamoDB GiB under this account which are protected by CPM.	string
num_gib_of_independent_volumes *optional*	Number of independent volume GiB under this account which are protected by CPM.	string
num_gib_of_rds *optional*	Number of RDS GiB under this account which are protected by CPM.	string
num_gib_of_redshift *optional*	Number of Redshift GiB under this account which are protected by CPM.	string

Name	Description	Schema
num_instances *optional*	Number of instances under this account which are protected by CPM.	string
num_instances_dr *optional*	Number of instances under this account which are protected by CPM DR policies.	string
num_instances_s3 *optional*	Number of instances under this account which are protected by CPM S3 policies.	string
report_time *optional*	The date of the report.	string
scanning_tags *optional*	Protecting entities under this account, by backup tags scanning.	boolean
total_non_instance_storage *optional*	Total number of non-instance storage GiB under this account which are protected by CPM.	string
user_id *optional*	ID of the user this account is associated with.	integer
username *optional*	Name of the user.	string

18.10.4. Produces

- `application/json`
- `text/csv`

18.11. User/Account summary usage reports

```
GET /api/reports/usage/summary/
```

18.11.1. Description

This endpoint returns a list of user/account usage records. The usages of user's accounts are summarised.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own usage records.
* Root user and his delegates can also get the usage records of other users (managed and independent).
* Delegates can get the usage records of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.
* In the generated report there will also be a "Total Non-Instance Storage (GiB)" column.
* A cryptographic signature is added as the last row of the report.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

18.11.2. Parameters

Type	Name	Description	Schema
Query	**account_name** *optional*	Name of the account.	string
Query	**from_time** *optional*	Time from which to display reports.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account_name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**to_time** *optional*	Time until which to display reports.	string

Type	Name	Description	Schema
Query	**user** *optional*	ID of the owner user.	string
Query	**username** *optional*	Name of the user.	string

18.11.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_usage_summary_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_usage_summary_list

Name	Description	Schema
capturing_vpcs *optional*	Protecting VPCs under this account, by VPCs capturing.	boolean
num_controlled_entities *optional*	Number of entities under this account which are controlled by CPM.	string
num_efs *optional*	Number of Elastic File Systems (EFS) under this account which are protected by CPM.	string
num_fsx *optional*		string
num_gib_of_dynamo_db *optional*	Number of DynamoDB GiB under this account which are protected by CPM.	string
num_gib_of_independent_volumes *optional*	Number of independent volume GiB under this account which are protected by CPM.	string
num_gib_of_rds *optional*	Number of RDS GiB under this account which are protected by CPM.	string
num_gib_of_redshift *optional*	Number of Redshift GiB under this account which are protected by CPM.	string
num_instances *optional*	Number of instances under this account which are protected by CPM.	string
num_instances_dr *optional*	Number of instances under this account which are protected by CPM DR policies.	string
num_instances_s3 *optional*	Number of instances under this account which are protected by CPM S3 policies.	string

Name	Description	Schema
report_time *optional*	The date of the report.	string
scanning_tags *optional*	Protecting entities under this account, by backup tags scanning.	boolean
total_non_instance_storage *optional*	Total number of non-instance storage GiB under this account which are protected by CPM.	string
user_id *optional*	ID of the user.	integer
username *optional*	Name of the user.	string

18.11.4. Produces

- `application/json`
- `text/csv`

18.12. User/Account anonymous summary usage reports

```
GET /api/reports/usage/summary/anonymous/
```

18.12.1. Description

This endpoint returns a list of user/account anonymous usage records. The usages of user's accounts are summarised.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own usage records.
* Root user and his delegates can also get the usage records of other users (managed and independent).
* Delegates can get the usage records of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.
* `page` and `page_size` parameters are not supported.
* In the generated report there will also be a "Total Non-Instance Storage (GiB)" column.
* A cryptographic signature is added as the last row of the report.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

18.12.2. Parameters

Type	Name	Description	Schema
Query	**account_name** *optional*	Name of the account.	string
Query	**from_time** *optional*	Time from which to display reports.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account_name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

Type	Name	Description	Schema
Query	**to_time** *optional*	Time until which to display reports.	string
Query	**user** *optional*	ID of the owner user.	string
Query	**username** *optional*	Name of the user.	string

18.12.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_usage_summary_anonymous_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_reports_usage_summary_anonymous_list

Name	Description	Schema
capturing_vpcs *optional*	Protecting VPCs under this account, by VPCs capturing.	boolean
num_controlled_entities *optional*	Number of entities under this account which are controlled by CPM.	string
num_efs *optional*	Number of Elastic File Systems (EFS) under this account which are protected by CPM.	string
num_fsx *optional*		string
num_gib_of_dynamo_db *optional*	Number of DynamoDB GiB under this account which are protected by CPM.	string
num_gib_of_independent_volumes *optional*	Number of independent volume GiB under this account which are protected by CPM.	string
num_gib_of_rds *optional*	Number of RDS GiB under this account which are protected by CPM.	string
num_gib_of_redshift *optional*	Number of Redshift GiB under this account which are protected by CPM.	string
num_instances *optional*	Number of instances under this account which are protected by CPM.	string
num_instances_dr *optional*	Number of instances under this account which are protected by CPM DR policies.	string

Name	Description	Schema
num_instances_s3 *optional*	Number of instances under this account which are protected by CPM S3 policies.	string
report_time *optional*	The date of the report.	string
scanning_tags *optional*	Protecting entities under this account, by backup tags scanning.	boolean
total_non_instance_storage *optional*	Total number of non-instance storage GiB under this account which are protected by CPM.	string
user_id *optional*	ID of the user.	integer
username *optional*	Name of the user.	string

18.12.4. Produces

- `application/json`
- `text/csv`

Chapter 19. Resource_control

19.1. Create a CPM resource control group

```
POST /api/resource_control/groups/
```

19.1.1. Description

This endpoint creates a new CPM resource control group.

Permissions and Restrictions:
* Any authenticated user can create a new resource control group for himself.
* Root user can also create a new resource control group for the managed users.
* Authenticated delegate user with `allow_backup_changes` can create a new resource control group for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

19.1.2. Parameters

Type	Name	Schema
Body	**data_resource_control_groups_create** *required*	data_resource_control_groups_create

data_resource_control_groups_create

Name	Description	Schema
account *required*	Account the resource control group is associated with.	integer
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
description *optional*	Description for the resource.	string
enabled *optional*	If set, the resource control group will be enabled.	boolean

Name	Description	Schema
hibernate *optional*	If set, hibernate on stop execute a CPM resource control group.	boolean
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
operation_mode *optional*	Valid operations to perform on resources. Default is Turn On/Off **Allowed Enum Values** * on-off (Turn On/Off) * off (Turn Off Only)	enum (on-off, off)
timeout *optional*	Resource state timeout.	integer

19.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_resource_control_groups_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_create

Name	Description	Schema
account *optional*	Account the resource control group is associated with.	integer
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
description *optional*	Description for the resource.	string
enabled *optional*	If set, the resource control group will be enabled.	boolean
hibernate *optional*	If set, hibernate on stop execute a CPM resource control group.	boolean

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
operation_mode *optional*	Valid operations to perform on resources. Default is Turn On/Off **Allowed Enum Values** * on-off (Turn On/Off) * off (Turn Off Only)	enum (on-off, off)
timeout *optional*	Resource state timeout.	integer
user *optional*	ID of the owner user.	integer

19.1.4. Consumes

- `application/json`

19.1.5. Produces

- `application/json`

19.2. List CPM resource control groups

```
GET /api/resource_control/groups/
```

19.2.1. Description

This endpoint returns a list of CPM resource control groups.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own resource control groups.
* Root user can also get the resource control groups of the managed users.
* Delegates can get the resource control groups of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.2.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	Account the resource control group is associated with.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * enabled * name * timeout * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * name * account	string
Query	**user** *optional*	ID of the owner user.	string

19.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_resource_control_groups_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_list

Name	Description	Schema
account *optional*	Account the resource control group is associated with.	integer
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
description *optional*	Description for the resource.	string
enabled *optional*	If set, the resource control group will be enabled.	boolean
hibernate *optional*	If set, hibernate on stop execute a CPM resource control group.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
operation_mode *optional*	Valid operations to perform on resources. Default is Turn On/Off **Allowed Enum Values** * on-off (Turn On/Off) * off (Turn Off Only)	enum (on-off, off)
timeout *optional*	Resource state timeout.	integer
user *optional*	ID of the owner user.	integer

19.2.4. Produces

- `application/json`

19.3. Create a CPM resource control group schedule

```
POST /api/resource_control/groups/{group_id}/schedules/
```

19.3.1. Description

This endpoint creates a new CPM resource control group schedule.

Permissions and Restrictions:
* Any authenticated user can create a new resource control group schedule for himself.
* Root user can also create a new resource control group schedule for the managed users.
* Authenticated delegate user with `allow_backup_changes` can create a new resource control group schedule for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

19.3.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Body	**data_resource_control_groups_schedules_create** *required*	data_resource_control_groups_schedules_create

data_resource_control_groups_schedules_create

Name	Description	Schema
turn_off_day *optional*	Selected days to activate turn off action. **Allowed Enum Values** * A (Every Day) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
turn_off_time *required*	Selected time to activate turn off action on selected days.	string

Name	Description	Schema
turn_on_day *optional*	Selected days to activate turn on action. **Allowed Enum Values** * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (M, T, W, H, F, S, U)
turn_on_time *required*	Selected time to activate turn on action on selected days.	string

19.3.3. Responses

HTTP Code	Description	Schema
201	Created	response_resource_control_groups_schedules_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_schedules_create

Name	Description	Schema
group *optional*	Resource control group the schedule is associated to.	integer
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Last time the schedule was updated.	string
turn_off_day *optional*	Selected days to activate turn off action. **Allowed Enum Values** * A (Every Day) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)

Name	Description	Schema
turn_off_time *optional*	Selected time to activate turn off action on selected days.	string
turn_on_day *optional*	Selected days to activate turn on action. **Allowed Enum Values** * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (M, T, W, H, F, S, U)
turn_on_time *optional*	Selected time to activate turn on action on selected days.	string

19.3.4. Consumes

- `application/json`

19.3.5. Produces

- `application/json`

19.4. List CPM resource control group schedules

```
GET /api/resource_control/groups/{group_id}/schedules/
```

19.4.1. Description

This endpoint returns a list of CPM resource control group schedules.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own resource control group schedules.
* Root user can also get the resource control groups of the managed users.
* Delegates can get the resource control group schedules of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.4.2. Parameters

Type	Name	Description	Schema
Path	**group_id** *required*		string
Query	**group** *optional*	None	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * group * last_modified * marked_for_deletion * status * turn_off_day * turn_on_day	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

19.4.3. Responses

HTTP Code	Description	Schema
200	OK	< response_resource_control_groups_schedules_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_schedules_list

Name	Description	Schema
group *optional*	Resource control group the schedule is associated to.	integer
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Last time the schedule was updated.	string
turn_off_day *optional*	Selected days to activate turn off action. **Allowed Enum Values** * A (Every Day) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
turn_off_time *optional*	Selected time to activate turn off action on selected days.	string
turn_on_day *optional*	Selected days to activate turn on action. **Allowed Enum Values** * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (M, T, W, H, F, S, U)
turn_on_time *optional*	Selected time to activate turn on action on selected days.	string

19.4.4. Produces

- `application/json`

19.5. Retrieve a CPM resource control group schedule

```
GET /api/resource_control/groups/{group_id}/schedules/{id}/
```

19.5.1. Description

This endpoint returns the CPM resource control group schedule for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own resource control group schedule.
* Root user can also get the resource control group schedule of the managed users.
* Delegates can get the resource control group schedule of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.5.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Path	**id** *required*	string

19.5.3. Responses

HTTP Code	Description	Schema
200	OK	response_resource_control_groups_schedules_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_resource_control_groups_schedules_read

Name	Description	Schema
group *optional*	Resource control group the schedule is associated to.	integer
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
last_modified *optional*	Last time the schedule was updated.	string
turn_off_day *optional*	Selected days to activate turn off action. **Allowed Enum Values** * A (Every Day) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
turn_off_time *optional*	Selected time to activate turn off action on selected days.	string
turn_on_day *optional*	Selected days to activate turn on action. **Allowed Enum Values** * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (M, T, W, H, F, S, U)
turn_on_time *optional*	Selected time to activate turn on action on selected days.	string

19.5.4. Produces

- `application/json`

19.6. Delete a CPM resource control group schedule

```
DELETE /api/resource_control/groups/{group_id}/schedules/{id}/
```

19.6.1. Description

This endpoint deletes the CPM resource control group schedule for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own resource control group schedule.
* Root user can also delete resource control group schedule for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete resource control group schedule for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.6.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Path	**id** *required*	string

19.6.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

19.7. List all the targets associated with a CPM resource control group

```
GET /api/resource_control/groups/{group_id}/targets/
```

19.7.1. Description

This endpoint returns all targets associated with the CPM resource control group whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own targets.
* Root user can also get the resource control group targets of the managed users.
* Delegates can get the resource control group targets of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.7.2. Parameters

Type	Name	Description	Schema
Path	**group_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

19.7.3. Responses

HTTP Code	Description	Schema
200	OK	< response_resource_control_groups_targets_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_targets_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string
state *optional*	Current state of the resource.	string

19.7.4. Produces

- `application/json`

19.8. Add an EC2 instance to a CPM resource control group

```
POST /api/resource_control/groups/{group_id}/targets/instances/
```

19.8.1. Description

This endpoint adds an EC2 instance to a CPM resource control group.

Permissions and Restrictions:
* Any authenticated user can add an instance to a CPM resource control group.
* Root user can also add an instance to a CPM resource control group for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add an instance to a CPM resource control group for his original user.
* Number of instances allowed to be added is limited by the license.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.8.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Body	**data_resource_control_groups_targets_instances_create** *required*	data_resource_control_groups_targets_instances_create

data_resource_control_groups_targets_instances_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string

19.8.3. Responses

HTTP Code	Description	Schema
201	Created	response_resource_control_groups_targets_instances_create

HTTP Code	Description	Schema
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_targets_instances_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string
state *optional*	Current state of the resource.	string

19.8.4. Consumes

- `application/json`

19.8.5. Produces

- `application/json`

19.9. List the EC2 instances of a resource control group

```
GET /api/resource_control/groups/{group_id}/targets/instances/
```

19.9.1. Description

This endpoint returns the EC2 instances of the CPM resource control group whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own instances.
* Root user can also get the instances of the managed users.
* Delegates can get the instances of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.9.2. Parameters

Type	Name	Description	Schema
Path	**group_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

19.9.3. Responses

HTTP Code	Description	Schema
200	OK	< response_resource_control_groups_targets_instances_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_targets_instances_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string
state *optional*	Current state of the resource.	string

19.9.4. Produces

- `application/json`

19.10. Retrieve an EC2 instance of a CPM resource control group

```
GET /api/resource_control/groups/{group_id}/targets/instances/{id}/
```

19.10.1. Description

This endpoint returns an EC2 instance of the CPM resource control group whose ID is passed in the URL path.
* Any authenticated user can get his own instances.
* Root user can also get the instances of the managed users.
* Delegates can get the instances of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.10.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Path	**id** *required*	string

19.10.3. Responses

HTTP Code	Description	Schema
200	OK	response_resource_control_groups_targets_instances_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_resource_control_groups_targets_instances_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
aws_resource_type *optional*	AWS resource type.	string
id *optional*	Unique ID of the resource in CPM.	integer
image_id *optional*	ID of the resource in AWS.	string
name *optional*	Name of the resource.	string
resource_type *optional*	Resource type.	string
root_device_type *optional*	Device type.	string
state *optional*	Current state of the resource.	string

19.10.4. Produces

- `application/json`

19.11. Delete an EC2 instance from a CPM resource control group

```
DELETE /api/resource_control/groups/{group_id}/targets/instances/{id}/
```

19.11.1. Description

This endpoint deletes an EC2 instance from the CPM resource control group whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own instances.
* Root user can also delete instances for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete instances for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.11.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Path	**id** *required*	string

19.11.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

19.12. Add an RDS database to a CPM resource control group

```
POST /api/resource_control/groups/{group_id}/targets/rds_databases/
```

19.12.1. Description

This endpoint adds an RDS database to a CPM resource control group.

Permissions and Restrictions:
* Any authenticated user can add a database to a CPM resource control group.
* Root user can also add a database to a CPM resource control group for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add a database to a CPM resource control group for his original user.
* Number of database allowed to be added is limited by the license.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.12.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Body	**data_resource_control_groups_targets_rds_databases_create** *required*	data_resource_control_groups_targets_rds_databases_create

data_resource_control_groups_targets_rds_databases_create

Name	Description	Schema
aws_region *required*	Name of the AWS region.	string
aws_resource_id *required*	ID of the resource in AWS.	string

19.12.3. Responses

HTTP Code	Description	Schema
201	Created	response_resource_control_groups_targets_rds_databases_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_targets_rds_databases_create

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string
aws_resource_id *optional*	ID of the resource in AWS.	string
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
iops *optional*	Number of IOPS.	string
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	string
zone *optional*	Availability zone of the resource.	string

19.12.4. Consumes

- `application/json`

19.12.5. Produces

- `application/json`

19.13. List the RDS databases of a resource control group

```
GET /api/resource_control/groups/{group_id}/targets/rds_databases/
```

19.13.1. Description

This endpoint returns the RDS databases of the CPM resource control group whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own databases.
* Root user can also get the databases of the managed users.
* Delegates can get the databases of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.13.2. Parameters

Type	Name	Description	Schema
Path	**group_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

19.13.3. Responses

HTTP Code	Description	Schema
200	OK	< response_resource_control_groups_targets_rds_databases_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_groups_targets_rds_databases_list

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
iops *optional*	Number of IOPS.	string
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	string
zone *optional*	Availability zone of the resource.	string

19.13.4. Produces

- `application/json`

19.14. Retrieve an RDS database of a CPM resource control group

```
GET /api/resource_control/groups/{group_id}/targets/rds_databases/{id}/
```

19.14.1. Description

This endpoint returns an RDS database of the CPM resource control group whose ID is passed in the URL path.
* Any authenticated user can get his own database.
* Root user can also get the database of the managed users.
* Delegates can get the database of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.14.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Path	**id** *required*	string

19.14.3. Responses

HTTP Code	Description	Schema
200	OK	response_resource_control_groups_targets_rds_databases_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_resource_control_groups_targets_rds_databases_read

Name	Description	Schema
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
aws_resource_id *optional*	ID of the resource in AWS.	string
engine *optional*	Resource engine.	string
id *optional*	Unique ID of the resource in CPM.	integer
instance_class *optional*	Contains the compute and memory capacity of the DB Instance.	string
iops *optional*	Number of IOPS.	string
publicly_accessible *optional*	Whether the resource will be publicly accessible or not.	boolean
resource_type *optional*	Resource type.	string
status *optional*	Current status of the resource.	string
storage *optional*	Capacity of the resource (in GiB).	string
zone *optional*	Availability zone of the resource.	string

19.14.4. Produces

- `application/json`

19.15. Delete an RDS database from a CPM resource control group

```
DELETE /api/resource_control/groups/{group_id}/targets/rds_databases/{id}/
```

19.15.1. Description

This endpoint deletes an RDS database from the CPM resource control group whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own databases.
* Root user can also delete instances for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete database for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.15.2. Parameters

Type	Name	Schema
Path	**group_id** *required*	string
Path	**id** *required*	string

19.15.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

19.16. Retrieve a CPM resource control group

```
GET /api/resource_control/groups/{id}/
```

19.16.1. Description

This endpoint returns the CPM resource control group for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own resource control groups.
* Root user can also get the resource control groups of the managed users.
* Delegates can get the resource control groups of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.16.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

19.16.3. Responses

HTTP Code	Description	Schema
200	OK	response_resource_control_groups_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_resource_control_groups_read

Name	Description	Schema
account *optional*	Account the resource control group is associated with.	integer

Name	Description	Schema
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
description *optional*	Description for the resource.	string
enabled *optional*	If set, the resource control group will be enabled.	boolean
hibernate *optional*	If set, hibernate on stop execute a CPM resource control group.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
operation_mode *optional*	Valid operations to perform on resources. Default is Turn On/Off **Allowed Enum Values** * on-off (Turn On/Off) * off (Turn Off Only)	enum (on-off, off)
timeout *optional*	Resource state timeout.	integer
user *optional*	ID of the owner user.	integer

19.16.4. Produces

- `application/json`

19.17. Update a CPM resource control group

```
PUT /api/resource_control/groups/{id}/
```

19.17.1. Description

This endpoint updates the CPM resource control group for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own resource control groups.
* Root user can also update resource control groups for the managed users.
* Authenticated delegate user with `allow_backup_changes` can update resource control groups for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.17.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_resource_control_groups_update** *required*	data_resource_control_groups_update

data_resource_control_groups_update

Name	Description	Schema
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
description *optional*	Description for the resource.	string
enabled *optional*	If set, the resource control group will be enabled.	boolean

Name	Description	Schema
hibernate *optional*	If set, hibernate on stop execute a CPM resource control group.	boolean
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
operation_mode *optional*	Valid operations to perform on resources. Default is Turn On/Off **Allowed Enum Values** * on-off (Turn On/Off) * off (Turn Off Only)	enum (on-off, off)
timeout *optional*	Resource state timeout.	integer

19.17.3. Responses

HTTP Code	Description	Schema
200	OK	response_resource_control_groups_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_resource_control_groups_update

Name	Description	Schema
account *optional*	Account the resource control group is associated with.	integer
auto_remove_resource *optional*	If set, automatically removes resources that no longer exist. **Allowed Enum Values** * N (No) * Y (Yes) * A (Yes and alert)	enum (N, Y, A)
description *optional*	Description for the resource.	string
enabled *optional*	If set, the resource control group will be enabled.	boolean
hibernate *optional*	If set, hibernate on stop execute a CPM resource control group.	boolean

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
operation_mode *optional*	Valid operations to perform on resources. Default is Turn On/Off **Allowed Enum Values** * on-off (Turn On/Off) * off (Turn Off Only)	enum (on-off, off)
timeout *optional*	Resource state timeout.	integer
user *optional*	ID of the owner user.	integer

19.17.4. Consumes

- `application/json`

19.17.5. Produces

- `application/json`

19.18. Delete a CPM resource control group

```
DELETE /api/resource_control/groups/{id}/
```

19.18.1. Description

This endpoint deletes the CPM resource control group for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own resource control groups.
* Root user can also delete resource control groups for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete resource control groups for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.18.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

19.18.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

19.19. Execute a CPM resource control group ASAP

```
POST /api/resource_control/groups/{id}/start/
```

19.19.1. Description

This endpoint execute a CPM resource control group.

Permissions and Restrictions:
* Any authenticated user can execute a CPM resource control group for himself.
* Root user can also execute a CPM resource control group for the managed users.
* Authenticated delegate user with `allow_backup_changes` can execute a CPM resource control group for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.19.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

19.19.3. Responses

HTTP Code	Description	Schema
202	Accepted	object
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

19.19.4. Produces

- `application/json`

19.20. Stop execute a CPM resource control group ASAP

```
POST /api/resource_control/groups/{id}/stop/
```

19.20.1. Description

This endpoint stops execute a CPM resource control group.

Permissions and Restrictions:
* Any authenticated user can stop execute a CPM resource control group for himself.
* Root user can also stop execute a CPM resource control group for the managed users.
* Authenticated delegate user with `allow_backup_changes` can stop execute a CPM resource control group for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.20.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

19.20.3. Responses

HTTP Code	Description	Schema
202	Accepted	object
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
412	Precondition Failed	No Content

19.20.4. Produces

- `application/json`

19.21. List CPM resource control records

```
GET /api/resource_control/records/
```

19.21.1. Description

This endpoint returns a list of CPM resource control records.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own resource control records.
* Root user can also get the resource control records of the managed users.
* Delegates can get the resource control records of their original user.
* This API is license dependent.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

19.21.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this record is associated with.	string
Query	**group** *optional*	Group that the record is associated with.	string
Query	**id** *optional*	Unique ID of the resource in CPM.	string
Query	**marked_for_deletion** *optional*	Whether this record is marked for deletion or not.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * end_time * group * marked_for_deletion * start_time * status * username	string

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	A full or partial resource ID to search by.	string
Query	**status** *optional*	Records's status.	string
Query	**user** *optional*	ID of the owner user.	string

19.21.3. Responses

HTTP Code	Description	Schema
200	OK	< response_resource_control_records_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_records_list

Name	Description	Schema
account *optional*	ID of the account this record is associated with.	integer
end_time *optional*	Record's end time.	string
group *optional*	Group that the record is associated with.	integer
id *optional*	Unique ID of the resource in CPM.	integer
marked_for_deletion *optional*	Whether this record is marked for deletion or not.	boolean
operation *optional*	The status os the current operation. **Allowed Enum Values** * S (Stopped) * R (Running)	enum (S, R)
start_time *optional*	Record's start time.	string

Name	Description	Schema
status *optional*	Records's status. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Operation Successful) * A (Operation Partially Successful) * S (Operation Partially Successful) * F (Operation Failed)	enum (I, P, B, A, S, F)

19.21.4. Produces

- `application/json`

19.22. Retrieve a CPM resource control record

```
GET /api/resource_control/records/{id}/
```

19.22.1. Description

This endpoint returns the CPM resource control record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own resource control record.
* Root user can also get the resource control record of the managed users.
* Delegates can get the resource control record of their original user.
* This API is license dependent.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.22.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

19.22.3. Responses

HTTP Code	Description	Schema
200	OK	response_resource_control_records_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_resource_control_records_read

Name	Description	Schema
account *optional*	ID of the account this record is associated with.	integer
end_time *optional*	Record's end time.	string

Name	Description	Schema
group *optional*	Group that the record is associated with.	integer
id *optional*	Unique ID of the resource in CPM.	integer
marked_for_deletion *optional*	Whether this record is marked for deletion or not.	boolean
operation *optional*	The status os the current operation. **Allowed Enum Values** * S (Stopped) * R (Running)	enum (S, R)
start_time *optional*	Record's start time.	string
status *optional*	Records's status. **Allowed Enum Values** * I (Initializing) * P (In Progress) * B (Operation Successful) * A (Operation Partially Successful) * S (Operation Partially Successful) * F (Operation Failed)	enum (I, P, B, A, S, F)

19.22.4. Produces

- `application/json`

19.23. Delete a CPM resource control record

```
DELETE /api/resource_control/records/{id}/
```

19.23.1. Description

This endpoint deletes the CPM resource control record for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated regular user can delete his own resource control record.
* Root user can also delete resource control record for the managed users.
* Authenticated delegate user with `IsAllowResourceControl` can delete the resource control record for his original user.
* This API is license dependent.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.23.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

19.23.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

19.24. List the selected logs

```
GET /api/resource_control/records/{id}/logs/
```

19.24.1. Description

This endpoint returns a list of logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

19.24.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

19.24.3. Responses

HTTP Code	Description	Schema
200	OK	< response_resource_control_records_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_control_records_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string

Name	Description	Schema
log_type *optional*	Severity of the logging.	string

19.24.4. Produces

- `application/json`
- `text/csv`

Chapter 20. Resource_types

20.1. List target resource types

```
GET /api/resource_types/
```

20.1.1. Description

This endpoint returns the list of target resource types (e.g. instances).

Optional `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get the list of target resource types.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

20.1.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

20.1.3. Responses

HTTP Code	Description	Schema
200	OK	< response_resource_types_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_resource_types_list

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
label *optional*	Display name of the target resource type.	string

Name	Description	Schema
name *optional*	Name of the target resource type.	string

20.1.4. Produces

- `application/json`

Chapter 21. S3_repositories

21.1. Create a S3 repository

```
POST /api/s3_repositories/
```

21.1.1. Description

This endpoint creates a S3 repository.

Permissions and Restrictions:
* Any authenticated user can create a new S3 repository for himself.
* Root user can also create a new S3 repository for the managed users.
* Authenticated delegate user with `allowed_change_account` can create a new S3 repository for his original user.
* Maximum number of allowed S3 repositories is limited by the license.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

21.1.2. Parameters

Type	Name	Schema
Body	**data_s3_repositories_create** *required*	data_s3_repositories_create

data_s3_repositories_create

Name	Description	Schema
account *required*	ID of the account this resource is associated with.	integer
aws_bucket_name *required*	Name of AWS bucket.	string
aws_region *required*	Name of the AWS region.	string
description *optional*	Description for the resource.	string
name *required*	Name of the resource.	string

21.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_s3_repositories_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_s3_repositories_create

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_bucket_name *optional*	Name of AWS bucket.	string
aws_region *optional*	Name of the AWS region.	string
deletion_status *optional*	**Allowed Enum Values** * N (N/A) * I (In Progress) * F (Failed) * S (Succeeded)	enum (N, I, F, S)
description *optional*	Description for the resource.	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
related_policies *optional*	All policies related to current repository.	< integer > array
user *optional*	ID of the owner user.	integer

21.1.4. Consumes

- `application/json`

21.1.5. Produces

- `application/json`

21.2. List S3 repositories

```
GET /api/s3_repositories/
```

21.2.1. Description

This endpoint returns a list of S3 repositories.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own S3 repositories.
* Root user can also get the S3 repositories of the managed users.
* Delegates can get the S3 repositories of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.3.0`

21.2.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * aws_bucket_name * aws_region * name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * name * description	string
Query	**user** *optional*	ID of the owner user.	string

21.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_s3_repositories_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_s3_repositories_list

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_bucket_name *optional*	Name of AWS bucket.	string
aws_region *optional*	Name of the AWS region.	string
deletion_status *optional*	**Allowed Enum Values** * N (N/A) * I (In Progress) * F (Failed) * S (Succeeded)	enum (N, I, F, S)
description *optional*	Description for the resource.	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
related_policies *optional*	All policies related to current repository.	< integer > array
user *optional*	ID of the owner user.	integer

21.2.4. Produces

- `application/json`

21.3. Retrieve a S3 repository

```
GET /api/s3_repositories/{id}/
```

21.3.1. Description

This endpoint returns the S3 repository for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own S3 repositories.
* Root user can also get the S3 repositories of the managed users.
* Delegates can get the S3 repositories of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.3.0`

21.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

21.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_s3_repositories_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_s3_repositories_read

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_bucket_name *optional*	Name of AWS bucket.	string
aws_region *optional*	Name of the AWS region.	string

Name	Description	Schema
deletion_status *optional*	**Allowed Enum Values** * N (N/A) * I (In Progress) * F (Failed) * S (Succeeded)	enum (N, I, F, S)
description *optional*	Description for the resource.	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
related_policies *optional*	All policies related to current repository.	< integer > array
user *optional*	ID of the owner user.	integer

21.3.4. Produces

- `application/json`

21.4. Update a S3 repository

```
PUT /api/s3_repositories/{id}/
```

21.4.1. Description

This endpoint updates the S3 repository for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own S3 repositories.
* Root user can also update S3 repositories for the managed users.
* Authenticated delegate user with `allowed_change_account` can update S3 repositories for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

21.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_s3_repositories_update** *required*	data_s3_repositories_update

data_s3_repositories_update

Name	Description	Schema
description *optional*	Description for the resource.	string

21.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_s3_repositories_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_s3_repositories_update

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_bucket_name *optional*	Name of AWS bucket.	string
aws_region *optional*	Name of the AWS region.	string
deletion_status *optional*	**Allowed Enum Values** * N (N/A) * I (In Progress) * F (Failed) * S (Succeeded)	enum (N, I, F, S)
description *optional*	Description for the resource.	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Name of the resource.	string
related_policies *optional*	All policies related to current repository.	< integer > array
user *optional*	ID of the owner user.	integer

21.4.4. Consumes

- `application/json`

21.4.5. Produces

- `application/json`

21.5. Delete a S3 repository

```
DELETE /api/s3_repositories/{id}/
```

21.5.1. Description

This endpoint deletes the S3 repository for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own S3 repositories.
* Root user can also delete S3 repositories for the managed users.
* Authenticated delegate user with `allowed_change_account` can delete S3 repositories for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

21.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

21.5.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

21.6. Delete a S3 repository, even if deleting the actual data from the repository is not possible.

```
DELETE /api/s3_repositories/{id}/force/
```

21.6.1. Description

This endpoint deletes the S3 repository for the ID passed in the URL path.
An attempt is made to delete the data in the repository as well, but if that is not possible, the repository is deleted anyway.
Permissions and Restrictions:
* Any authenticated user can delete his own S3 repositories.
* Root user can also delete S3 repositories for the managed users.
* Authenticated delegate user with `allowed_change_account` can delete S3 repositories for his original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

21.6.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

21.6.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Chapter 22. Scheduled_reports

22.1. Create a scheduled report

```
POST /api/scheduled_reports/
```

22.1.1. Description

This endpoint creates a new scheduled report.

Permissions and Restrictions:
* The permission for API is dependent on the selected report type.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

22.1.2. Parameters

Type	Name	Schema
Body	**data_scheduled_reports_create** *required*	data_scheduled_reports_create

data_scheduled_reports_create

Name	Description	Schema
description *optional*	Description for the resource.	string
enabled *optional*	If set, the scheduled report will be enabled.	boolean
filters *optional*	Filters for the report.	data_scheduled_reports_create_filters
is_anonymized *optional*	If set, the scheduled report will be anonymized.	boolean
is_detailed *optional*	If set, the scheduled report will be with full details.	boolean
name *required*	Name of the resource.	string
recipients *required*	Recipients of the scheduled report.	< string > array

Name	Description	Schema
report_type *required*	Type of the scheduled report. **Allowed Enum Values** * A (Audit) * B (Backup) * P (Protected Resources) * D (Unprotected Resources) * R (Resource Control Operations) * S (Snapshots) * U (Usage) * M (Summary)	enum (A, B, P, D, R, S, U, M)
schedules *optional*	Schedule IDs associated with this scheduled report for when to run.	< integer > array
user *required*	ID of the owner user.	integer

data_scheduled_reports_create_filters

Name	Description	Schema
account *optional*	An account ID to filter the scheduled report by.	integer
last_period_interval *optional*	Interval for the schedule frequency. Works in conjunction with `last_period_unit`.	integer
last_period_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `last_period_interval`. **Allowed Enum Values** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)
period_length *optional*		integer
period_type *optional*	**Allowed Enum Values** * W (Week) * M (Month)	enum (W, M)
user *optional*	A user ID to filter the scheduled report by.	integer

22.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_scheduled_reports_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_scheduled_reports_create

Name	Description	Schema
description *optional*	Description for the resource.	string
enabled *optional*	If set, the scheduled report will be enabled.	boolean
filters *optional*	Filters for the report.	response_scheduled_reports_create_filters
id *optional*	Unique ID of the resource in CPM.	integer
is_anonymized *optional*	If set, the scheduled report will be anonymized.	boolean
is_detailed *optional*	If set, the scheduled report will be with full details.	boolean
name *optional*	Name of the resource.	string
recipients *optional*	Recipients of the scheduled report.	< string > array
report_type *optional*	Type of the scheduled report. **Allowed Enum Values** * A (Audit) * B (Backup) * P (Protected Resources) * D (Unprotected Resources) * R (Resource Control Operations) * S (Snapshots) * U (Usage) * M (Summary)	enum (A, B, P, D, R, S, U, M)
schedules *optional*	Schedule IDs associated with this scheduled report for when to run.	< integer > array
user *optional*	ID of the owner user.	integer

response_scheduled_reports_create_filters

Name	Description	Schema
account *optional*	An account ID to filter the scheduled report by.	integer
last_period_interval *optional*	Interval for the schedule frequency. Works in conjunction with `last_period_unit`.	integer
last_period_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `last_period_interval`. **Allowed Enum Values** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)
period_length *optional*		integer
period_type *optional*	**Allowed Enum Values** * W (Week) * M (Month)	enum (W, M)
user *optional*	A user ID to filter the scheduled report by.	integer

22.1.4. Consumes

- `application/json`

22.1.5. Produces

- `application/json`

22.2. List scheduled reports

```
GET /api/scheduled_reports/
```

22.2.1. Description

This endpoint returns a list of scheduled reports.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* The permission for API is dependent on the selected report type.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

22.2.2. Parameters

Type	Name	Description	Schema
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * enabled * name * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**report_type** *optional*	Type of the scheduled report.	string
Query	**schedules** *optional*	Schedule IDs associated with this scheduled report for when to run.	string
Query	**search** *optional*	Search term to look for in the fields: * name * description * name of related schedule * description of related schedule	string
Query	**user** *optional*	ID of the owner user.	string

22.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_scheduled_reports_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_scheduled_reports_list

Name	Description	Schema
description *optional*	Description for the resource.	string
enabled *optional*	If set, the scheduled report will be enabled.	boolean
filters *optional*	Filters for the report.	response_scheduled_reports_list_filters
id *optional*	Unique ID of the resource in CPM.	integer
is_anonymized *optional*	If set, the scheduled report will be anonymized.	boolean
is_detailed *optional*	If set, the scheduled report will be with full details.	boolean
name *optional*	Name of the resource.	string
recipients *optional*	Recipients of the scheduled report.	< string > array
report_type *optional*	Type of the scheduled report. **Allowed Enum Values** * A (Audit) * B (Backup) * P (Protected Resources) * D (Unprotected Resources) * R (Resource Control Operations) * S (Snapshots) * U (Usage) * M (Summary)	enum (A, B, P, D, R, S, U, M)
schedules *optional*	Schedule IDs associated with this scheduled report for when to run.	< integer > array
user *optional*	ID of the owner user.	integer

response_scheduled_reports_list_filters

Name	Description	Schema
account *optional*	An account ID to filter the scheduled report by.	integer
last_period_interval *optional*	Interval for the schedule frequency. Works in conjunction with `last_period_unit`.	integer
last_period_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `last_period_interval`. **Allowed Enum Values** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)
period_length *optional*		integer
period_type *optional*	**Allowed Enum Values** * W (Week) * M (Month)	enum (W, M)
user *optional*	A user ID to filter the scheduled report by.	integer

22.2.4. Produces

- `application/json`

22.3. Retrieve a scheduled report

```
GET /api/scheduled_reports/{id}/
```

22.3.1. Description

This endpoint returns the scheduled report for the ID passed in the URL path.

Permissions and Restrictions:
* The permission for API is dependent on the selected report type.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

22.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

22.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_scheduled_reports_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_scheduled_reports_read

Name	Description	Schema
description *optional*	Description for the resource.	string
enabled *optional*	If set, the scheduled report will be enabled.	boolean
filters *optional*	Filters for the report.	response_scheduled_reports_read_filters

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
is_anonymized *optional*	If set, the scheduled report will be anonymized.	boolean
is_detailed *optional*	If set, the scheduled report will be with full details.	boolean
name *optional*	Name of the resource.	string
recipients *optional*	Recipients of the scheduled report.	< string > array
report_type *optional*	Type of the scheduled report. **Allowed Enum Values** * A (Audit) * B (Backup) * P (Protected Resources) * D (Unprotected Resources) * R (Resource Control Operations) * S (Snapshots) * U (Usage) * M (Summary)	enum (A, B, P, D, R, S, U, M)
schedules *optional*	Schedule IDs associated with this scheduled report for when to run.	< integer > array
user *optional*	ID of the owner user.	integer

response_scheduled_reports_read_filters

Name	Description	Schema
account *optional*	An account ID to filter the scheduled report by.	integer
last_period_interval *optional*	Interval for the schedule frequency. Works in conjunction with `last_period_unit`.	integer
last_period_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `last_period_interval`. **Allowed Enum Values** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)

Name	Description	Schema
period_length *optional*		integer
period_type *optional*	**Allowed Enum Values** * W (Week) * M (Month)	enum (W, M)
user *optional*	A user ID to filter the scheduled report by.	integer

22.3.4. Produces

- `application/json`

22.4. Update a scheduled report

```
PUT /api/scheduled_reports/{id}/
```

22.4.1. Description

This endpoint updates the scheduled report for the ID passed in the URL path.

Permissions and Restrictions:
* The permission for API is dependent on the selected report type.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

22.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_scheduled_reports_update** *required*	data_scheduled_reports_update

data_scheduled_reports_update

Name	Description	Schema
description *optional*	Description for the resource.	string
enabled *optional*	If set, the scheduled report will be enabled.	boolean
filters *optional*	Filters for the report.	data_scheduled_reports_update_filters
is_anonymized *optional*	If set, the scheduled report will be anonymized.	boolean
is_detailed *optional*	If set, the scheduled report will be with full details.	boolean
name *required*	Name of the resource.	string
recipients *required*	Recipients of the scheduled report.	< string > array

Name	Description	Schema
schedules *optional*	Schedule IDs associated with this scheduled report for when to run.	< integer > array

data_scheduled_reports_update_filters

Name	Description	Schema
account *optional*	An account ID to filter the scheduled report by.	integer
last_period_interval *optional*	Interval for the schedule frequency. Works in conjunction with `last_period_unit`.	integer
last_period_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `last_period_interval`. **Allowed Enum Values** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)
period_length *optional*		integer
period_type *optional*	**Allowed Enum Values** * W (Week) * M (Month)	enum (W, M)
user *optional*	A user ID to filter the scheduled report by.	integer

22.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_scheduled_reports_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_scheduled_reports_update

Name	Description	Schema
description *optional*	Description for the resource.	string

Name	Description	Schema
enabled *optional*	If set, the scheduled report will be enabled.	boolean
filters *optional*	Filters for the report.	response_scheduled_reports_update_filters
id *optional*	Unique ID of the resource in CPM.	integer
is_anonymized *optional*	If set, the scheduled report will be anonymized.	boolean
is_detailed *optional*	If set, the scheduled report will be with full details.	boolean
name *optional*	Name of the resource.	string
recipients *optional*	Recipients of the scheduled report.	< string > array
report_type *optional*	Type of the scheduled report. **Allowed Enum Values** * A (Audit) * B (Backup) * P (Protected Resources) * D (Unprotected Resources) * R (Resource Control Operations) * S (Snapshots) * U (Usage) * M (Summary)	enum (A, B, P, D, R, S, U, M)
schedules *optional*	Schedule IDs associated with this scheduled report for when to run.	< integer > array
user *optional*	ID of the owner user.	integer

response_scheduled_reports_update_filters

Name	Description	Schema
account *optional*	An account ID to filter the scheduled report by.	integer
last_period_interval *optional*	Interval for the schedule frequency. Works in conjunction with `last_period_unit`.	integer

Name	Description	Schema
last_period_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `last_period_interval`. **Allowed Enum Values** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)
period_length *optional*		integer
period_type *optional*	**Allowed Enum Values** * W (Week) * M (Month)	enum (W, M)
user *optional*	A user ID to filter the scheduled report by.	integer

22.4.4. Consumes

- `application/json`

22.4.5. Produces

- `application/json`

22.5. Delete a scheduled report

```
DELETE /api/scheduled_reports/{id}/
```

22.5.1. Description

This endpoint deletes the scheduled report for the ID passed in the URL path.

Permissions and Restrictions:
* The permission for API is dependent on the selected report type.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

22.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

22.5.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

22.6. Run a scheduled report immediately

```
POST /api/scheduled_reports/{scheduled_report_id}/run/
```

22.6.1. Description

This endpoint runs a scheduled report for the ID passed in the URL path immediately.

Permissions and Restrictions:
* The permission for API is dependent on the selected report type.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

22.6.2. Parameters

Type	Name	Schema
Path	**scheduled_report_id** *required*	string

22.6.3. Responses

HTTP Code	Description	Schema
202	Accepted	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Chapter 23. Schedules

23.1. Create a CPM schedule

```
POST /api/schedules/
```

23.1.1. Description

This endpoint creates a new CPM schedule.

Permissions and Restrictions:
* Any authenticated user can create a new schedule for himself.
* Root user can also create a new schedule for the managed users.
* Authenticated delegate user with `allow_backup_changes` can create a new schedule for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

23.1.2. Parameters

Type	Name	Schema
Body	**data_schedules_create** *required*	data_schedules_create

data_schedules_create

Name	Description	Schema
allow_on_friday *optional*	If set, the schedule will run on Fridays.	boolean
allow_on_monday *optional*	If set, the schedule will run on Mondays.	boolean
allow_on_saturday *optional*	If set, the schedule will run on Saturdays.	boolean
allow_on_sunday *optional*	If set, the schedule will run on Sundays.	boolean
allow_on_thursday *optional*	If set, the schedule will run on Thursdays.	boolean
allow_on_tuesday *optional*	If set, the schedule will run on Tuesdays.	boolean
allow_on_wednesday *optional*	If set, the schedule will run on Wednesdays.	boolean

Name	Description	Schema
description *optional*	Description for the resource.	string
disable_times *optional*	List of specific times when the schedule should not start a backup.	< data_schedules_create_disable_times > array
end_date *optional*	When the schedule will expire. If not set, the default is `never`.	string
every_how_many *required*	What is the schedule's run frequency. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `every_how_many`. **Allowed Enum Values** * M (Minutes) * H (Hours) * D (Days) * W (Weeks) * O (Months)	enum (M, H, D, W, O)
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	string
timezone *optional*	If set, the schedule will run using the specified timezone, otherwise using the CPM configured timezone.	string
user *required*	ID of the owner user.	integer

data_schedules_create_disable_times

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)

Name	Description	Schema
end_time *required*	Time to finish disabling the schedule.	string
start_time *required*	Time to start disabling the schedule.	string

23.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_schedules_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_schedules_create

Name	Description	Schema
allow_on_friday *optional*	If set, the schedule will run on Fridays.	boolean
allow_on_monday *optional*	If set, the schedule will run on Mondays.	boolean
allow_on_saturday *optional*	If set, the schedule will run on Saturdays.	boolean
allow_on_sunday *optional*	If set, the schedule will run on Sundays.	boolean
allow_on_thursday *optional*	If set, the schedule will run on Thursdays.	boolean
allow_on_tuesday *optional*	If set, the schedule will run on Tuesdays.	boolean
allow_on_wednesday *optional*	If set, the schedule will run on Wednesdays.	boolean
description *optional*	Description for the resource.	string
disable_times *optional*	List of specific times when the schedule should not start a backup.	< response_schedules_create_disable_times > array
end_date *optional*	When the schedule will expire. If not set, the default is `never`.	string

Name	Description	Schema
every_how_many *optional*	What is the schedule's run frequency. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `every_how_many`. **Allowed Enum Values** * M (Minutes) * H (Hours) * D (Days) * W (Weeks) * O (Months)	enum (M, H, D, W, O)
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
num_policies *optional*	Number of policies associated with the schedule.	integer
num_recovery_scenarios *optional*	Number of recovery scenarios associated with the schedule.	integer
num_scheduled_reports *optional*	Number of scheduled reports associated with the schedule.	integer
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	string
timezone *optional*	If set, the schedule will run using the specified timezone, otherwise using the CPM configured timezone.	string
user *optional*	ID of the owner user.	integer

response_schedules_create_disable_times

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
end_time *optional*	Time to finish disabling the schedule.	string
id *optional*	Unique ID of the resource in CPM.	integer
start_time *optional*	Time to start disabling the schedule.	string

23.1.4. Consumes

- `application/json`

23.1.5. Produces

- `application/json`

23.2. List CPM schedules

```
GET /api/schedules/
```

23.2.1. Description

This endpoint returns a list of CPM schedules.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own schedules.
* Root user can also get the schedules of the managed users.
* Delegates can get the schedules of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

23.2.2. Parameters

Type	Name	Description	Schema
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * allow_on_friday * allow_on_monday * allow_on_saturday * allow_on_sunday * allow_on_thursday * allow_on_tuesday * allow_on_wednesday * end_date * every_how_many * every_unit * name * start_date * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**policy** *optional*	ID of the policy this resource is associated with.	string

Type	Name	Description	Schema
Query	**scheduled_report** *optional*	None	string
Query	**search** *optional*	Search term to look for in the fields: * name * description * name of related policy * description of related policy	string
Query	**user** *optional*	ID of the owner user.	string

23.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_schedules_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_schedules_list

Name	Description	Schema
allow_on_friday *optional*	If set, the schedule will run on Fridays.	boolean
allow_on_monday *optional*	If set, the schedule will run on Mondays.	boolean
allow_on_saturday *optional*	If set, the schedule will run on Saturdays.	boolean
allow_on_sunday *optional*	If set, the schedule will run on Sundays.	boolean
allow_on_thursday *optional*	If set, the schedule will run on Thursdays.	boolean
allow_on_tuesday *optional*	If set, the schedule will run on Tuesdays.	boolean
allow_on_wednesday *optional*	If set, the schedule will run on Wednesdays.	boolean
description *optional*	Description for the resource.	string

Name	Description	Schema
disable_times *optional*	List of specific times when the schedule should not start a backup.	< response_schedules_list_disable_times > array
end_date *optional*	When the schedule will expire. If not set, the default is `never`.	string
every_how_many *optional*	What is the schedule's run frequency. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `every_how_many`. **Allowed Enum Values** * M (Minutes) * H (Hours) * D (Days) * W (Weeks) * O (Months)	enum (M, H, D, W, O)
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
num_policies *optional*	Number of policies associated with the schedule.	integer
num_recovery_scenarios *optional*	Number of recovery scenarios associated with the schedule.	integer
num_scheduled_reports *optional*	Number of scheduled reports associated with the schedule.	integer
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	string
timezone *optional*	If set, the schedule will run using the specified timezone, otherwise using the CPM configured timezone.	string
user *optional*	ID of the owner user.	integer

response_schedules_list_disable_times

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
end_time *optional*	Time to finish disabling the schedule.	string
id *optional*	Unique ID of the resource in CPM.	integer
start_time *optional*	Time to start disabling the schedule.	string

23.2.4. Produces

- `application/json`

23.3. Retrieve a CPM schedule

```
GET /api/schedules/{id}/
```

23.3.1. Description

This endpoint returns the CPM schedule for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own schedules.
* Root user can also get the schedules of the managed users.
* Delegates can get the schedules of their original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.5.0`

23.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

23.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_schedules_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_schedules_read

Name	Description	Schema
allow_on_friday *optional*	If set, the schedule will run on Fridays.	boolean
allow_on_monday *optional*	If set, the schedule will run on Mondays.	boolean
allow_on_saturday *optional*	If set, the schedule will run on Saturdays.	boolean

Name	Description	Schema
allow_on_sunday *optional*	If set, the schedule will run on Sundays.	boolean
allow_on_thursday *optional*	If set, the schedule will run on Thursdays.	boolean
allow_on_tuesday *optional*	If set, the schedule will run on Tuesdays.	boolean
allow_on_wednesday *optional*	If set, the schedule will run on Wednesdays.	boolean
description *optional*	Description for the resource.	string
disable_times *optional*	List of specific times when the schedule should not start a backup.	< response_schedules_read_disable_times > array
end_date *optional*	When the schedule will expire. If not set, the default is `never`.	string
every_how_many *optional*	What is the schedule's run frequency. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `every_how_many`. **Allowed Enum Values** * M (Minutes) * H (Hours) * D (Days) * W (Weeks) * O (Months)	enum (M, H, D, W, O)
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
num_policies *optional*	Number of policies associated with the schedule.	integer
num_recovery_scenarios *optional*	Number of recovery scenarios associated with the schedule.	integer
num_scheduled_reports *optional*	Number of scheduled reports associated with the schedule.	integer
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	string

Name	Description	Schema
timezone *optional*	If set, the schedule will run using the specified timezone, otherwise using the CPM configured timezone.	string
user *optional*	ID of the owner user.	integer

response_schedules_read_disable_times

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
end_time *optional*	Time to finish disabling the schedule.	string
id *optional*	Unique ID of the resource in CPM.	integer
start_time *optional*	Time to start disabling the schedule.	string

23.3.4. Produces

- `application/json`

23.4. Update a CPM schedule

```
PUT /api/schedules/{id}/
```

23.4.1. Description

This endpoint updates the CPM schedule for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own schedules.
* Root user can also update schedules for the managed users.
* Authenticated delegate user with `allow_backup_changes` can update schedules for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

23.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_schedules_update** *required*	data_schedules_update

data_schedules_update

Name	Description	Schema
allow_on_friday *optional*	If set, the schedule will run on Fridays.	boolean
allow_on_monday *optional*	If set, the schedule will run on Mondays.	boolean
allow_on_saturday *optional*	If set, the schedule will run on Saturdays.	boolean
allow_on_sunday *optional*	If set, the schedule will run on Sundays.	boolean
allow_on_thursday *optional*	If set, the schedule will run on Thursdays.	boolean
allow_on_tuesday *optional*	If set, the schedule will run on Tuesdays.	boolean

Name	Description	Schema
allow_on_wednesday *optional*	If set, the schedule will run on Wednesdays.	boolean
description *optional*	Description for the resource.	string
disable_times *optional*	List of specific times when the schedule should not start a backup.	< data_schedules_update_disable_times > array
end_date *optional*	When the schedule will expire. If not set, the default is `never`.	string
every_how_many *required*	What is the schedule's run frequency. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `every_how_many`. **Allowed Enum Values** * M (Minutes) * H (Hours) * D (Days) * W (Weeks) * O (Months)	enum (M, H, D, W, O)
name *required*	Name can only contain alphanumeric characters, underscore and dash.	string
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	string
timezone *optional*	If set, the schedule will run using the specified timezone, otherwise using the CPM configured timezone.	string

data_schedules_update_disable_times

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)

Name	Description	Schema
end_time *required*	Time to finish disabling the schedule.	string
start_time *required*	Time to start disabling the schedule.	string

23.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_schedules_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_schedules_update

Name	Description	Schema
allow_on_friday *optional*	If set, the schedule will run on Fridays.	boolean
allow_on_monday *optional*	If set, the schedule will run on Mondays.	boolean
allow_on_saturday *optional*	If set, the schedule will run on Saturdays.	boolean
allow_on_sunday *optional*	If set, the schedule will run on Sundays.	boolean
allow_on_thursday *optional*	If set, the schedule will run on Thursdays.	boolean
allow_on_tuesday *optional*	If set, the schedule will run on Tuesdays.	boolean
allow_on_wednesday *optional*	If set, the schedule will run on Wednesdays.	boolean
description *optional*	Description for the resource.	string
disable_times *optional*	List of specific times when the schedule should not start a backup.	< response_schedules_update_disable_times > array

Name	Description	Schema
end_date *optional*	When the schedule will expire. If not set, the default is `never`.	string
every_how_many *optional*	What is the schedule's run frequency. Works in conjunction with `every_unit`.	integer
every_unit *optional*	Time unit for the schedule frequency. Works in conjunction with `every_how_many`. **Allowed Enum Values** * M (Minutes) * H (Hours) * D (Days) * W (Weeks) * O (Months)	enum (M, H, D, W, O)
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters, underscore and dash.	string
num_policies *optional*	Number of policies associated with the schedule.	integer
num_recovery_scenarios *optional*	Number of recovery scenarios associated with the schedule.	integer
num_scheduled_reports *optional*	Number of scheduled reports associated with the schedule.	integer
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	string
timezone *optional*	If set, the schedule will run using the specified timezone, otherwise using the CPM configured timezone.	string
user *optional*	ID of the owner user.	integer

response_schedules_update_disable_times

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
end_time *optional*	Time to finish disabling the schedule.	string
id *optional*	Unique ID of the resource in CPM.	integer
start_time *optional*	Time to start disabling the schedule.	string

23.4.4. Consumes

- `application/json`

23.4.5. Produces

- `application/json`

23.5. Delete a CPM schedule

```
DELETE /api/schedules/{id}/
```

23.5.1. Description

This endpoint deletes the CPM schedule for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own schedules.
* Root user can also delete schedules for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete schedules for his original user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

23.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

23.5.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

23.6. Add a disable time to a schedule

```
POST /api/schedules/{schedule_id}/disable_times/
```

23.6.1. Description

This endpoint adds a disable time to a schedule.

Permissions and Restrictions:
* Any authenticated user can add a disable time to a schedule.
* Root user can also add a disable time to a schedule for the managed users.
* Authenticated delegate user with `allow_backup_changes` can add a disable time to a schedule for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

23.6.2. Parameters

Type	Name	Schema
Path	**schedule_id** *required*	string
Body	**data_schedules_disable_times_create** *required*	data_schedules_disable_times_create

data_schedules_disable_times_create

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
end_time *required*	Time to finish disabling the schedule.	string

Name	Description	Schema
start_time *required*	Time to start disabling the schedule.	string

23.6.3. Responses

HTTP Code	Description	Schema
201	Created	response_schedules_disable_times_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_schedules_disable_times_create

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
end_time *optional*	Time to finish disabling the schedule.	string
id *optional*	Unique ID of the resource in CPM.	integer
start_time *optional*	Time to start disabling the schedule.	string

23.6.4. Consumes

- `application/json`

23.6.5. Produces

- `application/json`

23.7. List the disable times of a schedule

```
GET /api/schedules/{schedule_id}/disable_times/
```

23.7.1. Description

This endpoint returns the disable times of the schedulewhose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own disable times.
* Root user can also get the disable times of the managed users.
* Delegates can get the disable times of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

23.7.2. Parameters

Type	Name	Description	Schema
Path	**schedule_id** *required*		string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

23.7.3. Responses

HTTP Code	Description	Schema
200	OK	< response_schedules_disable_times_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_schedules_disable_times_list

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
end_time *optional*	Time to finish disabling the schedule.	string
id *optional*	Unique ID of the resource in CPM.	integer
start_time *optional*	Time to start disabling the schedule.	string

23.7.4. Produces

- `application/json`

23.8. Retrieve a disable time of a schedule

```
GET /api/schedules/{schedule_id}/disable_times/{id}/
```

23.8.1. Description

This endpoint returns a disable time of the schedule whose ID is passed in the URL path.
* Any authenticated user can get his own disable times.
* Root user can also get the disable times of the managed users.
* Delegates can get the disable times of their original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

23.8.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**schedule_id** *required*	string

23.8.3. Responses

HTTP Code	Description	Schema
200	OK	response_schedules_disable_times_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_schedules_disable_times_read

Name	Description	Schema
day *optional*	Day to disable the schedule. **Allowed Enum Values** * A (All) * M (Monday) * T (Tuesday) * W (Wednesday) * H (Thursday) * F (Friday) * S (Saturday) * U (Sunday)	enum (A, M, T, W, H, F, S, U)
end_time *optional*	Time to finish disabling the schedule.	string
id *optional*	Unique ID of the resource in CPM.	integer
start_time *optional*	Time to start disabling the schedule.	string

23.8.4. Produces

- `application/json`

23.9. Delete a disable time from a schedule

```
DELETE /api/schedules/{schedule_id}/disable_times/{id}/
```

23.9.1. Description

This endpoint deletes a disable time from the schedule whose ID is passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own disable times.
* Root user can also delete disable times for the managed users.
* Authenticated delegate user with `allow_backup_changes` can delete disable times for his original user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

23.9.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Path	**schedule_id** *required*	string

23.9.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

23.10. List a schedule's future run times

```
GET /api/schedules/{schedule_id}/run_times/
```

23.10.1. Description

This endpoint returns a list of the future run times for a schedule.* Any authenticated user can list the schedule run times.
* Root user can also list schedule run times for the managed users.
* Authenticated delegate user with `allow_backup_changes` can list schedule run times for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

23.10.2. Parameters

Type	Name	Description	Schema
Path	**schedule_id** *required*		string
Query	**days_ahead** *required*	Days ahead to calculate scheduled run times for.	number

23.10.3. Responses

HTTP Code	Description	Schema
200	OK	< response_schedules_run_times_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_schedules_run_times_list

Name	Description	Schema
schedule_name *optional*	Name of schedule the backup is running.	string
schedule_time *optional*	Date and time for a future backup for the timezone defined in `schedule_timezone`.	string
schedule_timezone *optional*	Timezone the schedule was configured with.	string

Name	Description	Schema
system_time *optional*	Date and time for a future backup for the timezone defined in `system_timezone`.	string
system_timezone *optional*	Timezone the system was configured with.	string
time *optional*	Date and time for a future backup in UTC.	string

23.10.4. Produces

- `application/json`

Chapter 24. Settings

24.1. Change CPM activation key

```
POST /api/settings/activation_key/
```

24.1.1. Description

This endpoint changes the CPM activation key.

Permissions and Restrictions:
* Only the root user can change the CPM activation key.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.1.2. Parameters

Type	Name	Schema
Body	**data_settings_activation_key_create** *required*	data_settings_activation_key_create

data_settings_activation_key_create

Name	Description	Schema
activation_key *required*	New activation key.	string

24.1.3. Responses

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.1.4. Consumes

- `application/json`

24.2. Change CPM capture VPC settings

```
POST /api/settings/capture_vpc/
```

24.2.1. Description

This endpoint changes the CPM capture VPC settings policy.

Permissions and Restrictions:
* Only the root user can create the capture VPC settings.
* This API is license dependent.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.2.2. Parameters

Type	Name	Schema
Body	**data_settings_capture_vpc_create** *required*	data_settings_capture_vpc_create

data_settings_capture_vpc_create

Name	Description	Schema
capture_vpcs *optional*	Capture VPCs on all regions .	boolean
capture_vpcs_interval *required*	Capture VPCs schedule interval (hours).	integer

24.2.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_capture_vpc_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_capture_vpc_create

Name	Description	Schema
capture_vpcs *optional*	Capture VPCs on all regions .	boolean
capture_vpcs_interval *optional*	Capture VPCs schedule interval (hours).	integer
last_capture_vpcs_time *optional*	Last time a VPC capture ran.	string

24.2.4. Consumes

- `application/json`

24.2.5. Produces

- `application/json`

24.3. Retrieve CPM capture VPC settings

```
GET /api/settings/capture_vpc/
```

24.3.1. Description

This endpoint returns the CPM capture VPC settings.

Permissions and Restrictions:
* Only root user can get the capture VPC settings.
* This API is license dependent.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.3.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_capture_vpc_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_capture_vpc_list

Name	Description	Schema
capture_vpcs *optional*	Capture VPCs on all regions .	boolean
capture_vpcs_interval *optional*	Capture VPCs schedule interval (hours).	integer
last_capture_vpcs_time *optional*	Last time a VPC capture ran.	string

24.3.4. Produces

- `application/json`

24.4. List the selected logs

```
GET /api/settings/capture_vpc/logs/
```

24.4.1. Description

This endpoint returns a list of logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.4.2. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_capture_vpc_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_capture_vpc_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string
log_type *optional*	Severity of the logging.	string

24.4.3. Produces

- `application/json`
- `text/csv`

24.5. Run the capture VPC operation

```
POST /api/settings/capture_vpc/run/
```

24.5.1. Description

This endpoint runs the CPM capture VPC operation.

Permissions and Restrictions:
* Only root user can perform this operation.
* This API is license dependent.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.5.2. Responses

HTTP Code	Description	Schema
202	Accepted	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.6. Change CPM cleanup settings

```
POST /api/settings/cleanup/
```

24.6.1. Description

This endpoint changes the CPM cleanup settings policy.

Permissions and Restrictions:
* Only the root user can create the cleanup settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.6.2. Parameters

Type	Name	Schema
Body	**data_settings_cleanup_create** *required*	data_settings_cleanup_create

data_settings_cleanup_create

Name	Description	Schema
cleanup_interval *required*	Cleanup schedule interval (hours).	integer
cleanup_type *optional*	Type of logs to clean. **Allowed Enum Values** * snapshots (Snapshots and AMIs) * s3 (S3 Repositories)	enum (snapshots, s3)
days_until_single_ami_rotation *required*	How many days to wait before rotation of old single AMIs.	integer
keep_deleted_backup_records *required*	Keep backups for reporting after they are deleted (days).	integer
keep_resource_control_records *required*	Keep resource control record logs (days).	integer
keep_user_audit_logs_days *required*	Keep user audit logs (days).	integer

24.6.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_cleanup_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_cleanup_create

Name	Description	Schema
cleanup_interval *optional*	Cleanup schedule interval (hours).	integer
cleanup_type *optional*	Type of logs to clean. **Allowed Enum Values** * snapshots (Snapshots and AMIs) * s3 (S3 Repositories)	enum (snapshots, s3)
days_until_single_ami_rotation *optional*	How many days to wait before rotation of old single AMIs.	integer
keep_deleted_backup_records *optional*	Keep backups for reporting after they are deleted (days).	integer
keep_resource_control_records *optional*	Keep resource control record logs (days).	integer
keep_user_audit_logs_days *optional*	Keep user audit logs (days).	integer
last_cleanup_time *optional*	Last time Cleanup was executed.	string
last_s3_cleanup_time *optional*	Last time an S3 Cleanup was executed.	string

24.6.4. Consumes

- `application/json`

24.6.5. Produces

- `application/json`

24.7. Retrieve CPM cleanup settings

```
GET /api/settings/cleanup/
```

24.7.1. Description

This endpoint returns the CPM cleanup settings.

Permissions and Restrictions:
* Only root user can get the cleanup settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.7.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.7.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_cleanup_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_cleanup_list

Name	Description	Schema
cleanup_interval *optional*	Cleanup schedule interval (hours).	integer
cleanup_type *optional*	Type of logs to clean. **Allowed Enum Values** * snapshots (Snapshots and AMIs) * s3 (S3 Repositories)	enum (snapshots, s3)

Name	Description	Schema
days_until_single_ami_rotation *optional*	How many days to wait before rotation of old single AMIs.	integer
keep_deleted_backup_records *optional*	Keep backups for reporting after they are deleted (days).	integer
keep_resource_control_records *optional*	Keep resource control record logs (days).	integer
keep_user_audit_logs_days *optional*	Keep user audit logs (days).	integer
last_cleanup_time *optional*	Last time Cleanup was executed.	string
last_s3_cleanup_time *optional*	Last time an S3 Cleanup was executed.	string

24.7.4. Produces

- `application/json`

24.8. List cleanup logs

```
GET /api/settings/cleanup/logs/
```

24.8.1. Description

This endpoint returns a list of logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.8.2. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_cleanup_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_cleanup_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string
log_type *optional*	Severity of the logging.	string

24.8.3. Produces

- `application/json`
- `text/csv`

24.9. Run the cleanup operation

```
POST /api/settings/cleanup/run/
```

24.9.1. Description

This endpoint runs the CPM cleanup operation.

Permissions and Restrictions:
* Only root user can perform this operation.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.9.2. Responses

HTTP Code	Description	Schema
202	Accepted	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.10. List S3 cleanup logs

```
GET /api/settings/cleanup/s3_logs/
```

24.10.1. Description

This endpoint returns a list of logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.10.2. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_cleanup_list_s3_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_cleanup_list_s3_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string
log_type *optional*	Severity of the logging.	string

24.10.3. Produces

- `application/json`
- `text/csv`

24.11. Change CPM cost explorer settings

```
POST /api/settings/cost_explorer/
```

24.11.1. Description

This endpoint changes the CPM cost explorer settings policy.

Permissions and Restrictions:
* Only root user and his delegates can change the cost explorer settings.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

24.11.2. Parameters

Type	Name	Schema
Body	**data_settings_cost_explorer_create** *required*	data_settings_cost_explorer_create

data_settings_cost_explorer_create

Name	Schema
enabled *required*	boolean

24.11.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_cost_explorer_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_cost_explorer_create

Name	Schema
enabled *optional*	boolean

24.11.4. Consumes

- `application/json`

24.11.5. Produces

- `application/json`

24.12. Retrieve the CPM cost explorer settings

```
GET /api/settings/cost_explorer/
```

24.12.1. Description

This endpoint returns the CPM cost explorer settings.

Permissions and Restrictions:
* Only root user and his delegates can get the cost explorer settings.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

24.12.2. Responses

HTTP Code	Description	Schema
200	OK	response_settings_cost_explorer_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_cost_explorer_list

Name	Schema
enabled *optional*	boolean

24.12.3. Produces

- `application/json`

24.13. Download CPM's certificate

```
GET /api/settings/cpm_certificate/
```

24.13.1. Description

This endpoint to download CPM certificate.

Permissions and Restrictions:
* Only root user can download the CPM certificate.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

24.13.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.13.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.14. Update CPM log mode settings

```
POST /api/settings/cpm_log_mode/
```

24.14.1. Description

This endpoint changes the CPM log mode settings.

Permissions and Restrictions:
* Only the root user can change this settings.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.14.2. Parameters

Type	Name	Schema
Body	**data_settings_cpm_log_mode_create** *required*	data_settings_cpm_log_mode_create

data_settings_cpm_log_mode_create

Name	Description	Schema
cpm_log_mode *optional*	CPM server's log mode. **Allowed Enum Values** * STANDARD (Standard) * DEBUG (Diagnostics)	enum (STANDARD, DEBUG)

24.14.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_cpm_log_mode_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_cpm_log_mode_create

Name	Description	Schema
cpm_log_mode *optional*	CPM server's log mode. **Allowed Enum Values** * STANDARD (Standard) * DEBUG (Diagnostics)	enum (STANDARD, DEBUG)

24.14.4. Consumes

- `application/json`

24.14.5. Produces

- `application/json`

24.15. Retrieve CPM log mode settings

```
GET /api/settings/cpm_log_mode/
```

24.15.1. Description

This endpoint returns the CPM log mode settings.

Permissions and Restrictions:
* Only root user can get the this settings.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.15.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.15.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_cpm_log_mode_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_cpm_log_mode_list

Name	Description	Schema
cpm_log_mode *optional*	CPM server's log mode. **Allowed Enum Values** * STANDARD (Standard) * DEBUG (Diagnostics)	enum (STANDARD, DEBUG)

24.15.4. Produces

- `application/json`

24.16. Download CPM's metadata

```
GET /api/settings/cpm_metadata/
```

24.16.1. Description

This endpoint to download CPM's metadata.

Permissions and Restrictions:
* Only root user can download the CPM's metadata.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

24.16.2. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.17. Create CPM email identity settings

```
POST /api/settings/email_identity/
```

24.17.1. Description

This endpoint changes the CPM email identity settings.

Permissions and Restrictions:
* Only the root user can change the email identity settings settings.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.17.2. Parameters

Type	Name	Schema
Body	**data_settings_email_identity_create** *required*	data_settings_email_identity_create

data_settings_email_identity_create

Name	Description	Schema
email_address *optional*	Email address as source for SES messages.	string
enabled *required*	Use Simple Email Service (SES).	boolean
ses_access_key *optional*	Access key for SES client.	string
ses_account *optional*	Account ID.	string
ses_authentication *optional*	Authentication method: **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
ses_region *optional*	Region for SES client.	string

Name	Description	Schema
ses_secret_key *optional*	Secret key for SES client.	string
verify_source_address *optional*	Flag if to verify source address. True by default.	boolean

24.17.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_email_identity_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_email_identity_create

Name	Description	Schema
email_address *optional*	Email address as source for SES messages.	string
enabled *optional*	Use Simple Email Service (SES).	boolean
ses_access_key *optional*	Access key for SES client.	string
ses_account *optional*	Account ID.	string
ses_authentication *optional*	Authentication method: **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
ses_region *optional*	Region for SES client.	string
verify_source_address *optional*	Flag if to verify source address. True by default.	boolean

24.17.4. Consumes

- `application/json`

24.17.5. Produces

- `application/json`

24.18. Retrieve the CPM email identity settings

```
GET /api/settings/email_identity/
```

24.18.1. Description

This endpoint retrieve the CPM email identity settings.

Permissions and Restrictions:
* Only root user can get the email identity settings.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.18.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.18.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_email_identity_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_email_identity_list

Name	Description	Schema
email_address *optional*	Email address as source for SES messages.	string
enabled *optional*	Use Simple Email Service (SES).	boolean
ses_access_key *optional*	Access key for SES client.	string

Name	Description	Schema
ses_account *optional*	Account ID.	string
ses_authentication *optional*	Authentication method: **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Assume Role)	enum (C, R, A)
ses_region *optional*	Region for SES client.	string
verify_source_address *optional*	Flag if to verify source address. True by default.	boolean

24.18.4. Produces

- `application/json`

24.19. Send email verification request for CPM email identity

```
POST /api/settings/email_identity/verify/
```

24.19.1. Description

This endpoint sends email verification request for CPM email identity or checks existing verification.

Permissions and Restrictions:
* Only the root user can send an email identity verification request.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.19.2. Parameters

Type	Name	Schema
Body	**data_settings_email_identity_verify** *required*	data_settings_email_identity_verify

data_settings_email_identity_verify

Name	Description	Schema
email_address *required*	Email address as source for SES messages.	string

24.19.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.19.4. Consumes

- `application/json`

24.20. Retrieve this email verification request status

```
GET /api/settings/email_identity/verify_status/
```

24.20.1. Description

This endpoint retrieves this email verification request status.

Permissions and Restrictions:
* Only the root user can retrieve the email identity verification request status.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.20.2. Parameters

Type	Name	Description	Schema
Query	**email_address** *optional*	Email address awaiting verification.	string

24.20.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_email_identity_verify_status
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_email_identity_verify_status

Name	Description	Schema
email_address *optional*	Email address awaiting verification.	string
status *optional*	Status of Email address verification request.	string

24.20.4. Produces

- `application/json`

24.21. Change CPM file level recovery settings

```
POST /api/settings/file_level_recovery/
```

24.21.1. Description

This endpoint changes the CPM's file level recovery settings policy.

Permissions and Restrictions:
* Only the root user can create file level recovery settings.

This endpoint is deprecated and will be removed in future release.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`
- ***Deprecated since:*** `1.4.0`

24.21.2. Parameters

Type	Name	Schema
Body	**data_settings_file_level_recovery_create** *required*	data_settings_file_level_recovery_create

data_settings_file_level_recovery_create

Name	Description	Schema
aws_access_key *optional*	AWS account access key for file level recovey .	string
aws_secret_key *optional*	AWS account secret key for file level recovey .	string
enable_file_level_recovery *optional*	Create or update CPM file level recovey account settings.	boolean
existing_account *optional*	Existing account name for file level recovey .	string
use_exisiting_account *optional*		boolean

24.21.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_file_level_recovery_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_file_level_recovery_create

Name	Description	Schema
aws_access_key *optional*	AWS account access key for file level recovey .	string
enable_file_level_recovery *optional*	Create or update CPM file level recovey account settings.	boolean
existing_account *optional*	Existing account name for file level recovey .	string
use_exisiting_account *optional*		boolean

24.21.4. Consumes

- `application/json`

24.21.5. Produces

- `application/json`

24.22. Get CPM file level recovery settings

```
GET /api/settings/file_level_recovery/
```

24.22.1. Description

This endpoint returns the CPM's file level recovery settings.

Permissions and Restrictions:
* Only root user can get the file level recovery settings.

This endpoint is deprecated and will be removed in future release.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`
- ***Deprecated since:*** `1.4.0`

24.22.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.22.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_file_level_recovery_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_file_level_recovery_list

Name	Description	Schema
aws_access_key *optional*	AWS account access key for file level recovey .	string

Name	Description	Schema
enable_file_level_recovery *optional*	Create or update CPM file level recovey account settings.	boolean
existing_account *optional*	Existing account name for file level recovey .	string
use_exisiting_account *optional*		boolean

24.22.4. Produces

- `application/json`

24.23. Create CPM identifier settings

```
POST /api/settings/identifier/
```

24.23.1. Description

This endpoint changes the CPM identifier settings.

Permissions and Restrictions:
* Only the root user can change the identifier settings.
* Note: Using this API will generate a new CPM's UUID identifer and override the existing one.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

24.23.2. Parameters

Type	Name	Schema
Body	**data_settings_identifier_create** *required*	data_settings_identifier_create

data_settings_identifier_create

Name	Description	Schema
cpm_name *required*	CPM server's name.	string

24.23.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_identifier_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identifier_create

Name	Description	Schema
cpm_name *optional*	CPM server's name.	string
cpm_uuid *optional*	CPM server's unique identifier.	string

24.23.4. Consumes

- `application/json`

24.23.5. Produces

- `application/json`

24.24. Retrieve the CPM identifier settings

```
GET /api/settings/identifier/
```

24.24.1. Description

This endpoint returns the CPM identifier settings.

Permissions and Restrictions:
* Only root user can get the cleanup settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.24.2. Responses

HTTP Code	Description	Schema
200	OK	response_settings_identifier_read
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identifier_read

Name	Description	Schema
cpm_name *optional*	CPM server's name.	string
cpm_uuid *optional*	CPM server's unique identifier.	string

24.24.3. Produces

- `application/json`

24.25. Update CPM identifier settings

```
PUT /api/settings/identifier/
```

24.25.1. Description

This endpoint changes the CPM identifier settings.

Permissions and Restrictions:
* Only the root user can change the identifier settings.
* Note: Using this API will not override the existing CPM's UUID identifier.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.25.2. Parameters

Type	Name	Schema
Body	**data_settings_identifier_update** *required*	data_settings_identifier_update

data_settings_identifier_update

Name	Description	Schema
cpm_name *required*	CPM server's name.	string

24.25.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_identifier_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_settings_identifier_update

Name	Description	Schema
cpm_name *optional*	CPM server's name.	string
cpm_uuid *optional*	CPM server's unique identifier.	string

24.25.4. Consumes

- `application/json`

24.25.5. Produces

- `application/json`

24.26. Change CPM identity provider settings

```
POST /api/settings/identity_provider/
```

24.26.1. Description

This endpoint changes the CPM identity provider settings policy.

Permissions and Restrictions:
* Only the root user can change the identity provider settings.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

24.26.2. Parameters

Type	Name	Schema
Body	**data_settings_identity_provider_create** *required*	data_settings_identity_provider_create

data_settings_identity_provider_create

Name	Description	Schema
cpm_address *optional*	Identity provider's CPM IP or DNS.	string
directory_service_enabled *optional*	Whether the identity provider is enabled.	boolean
entity_id *optional*	Identity provider's identifier (URI).	string
nameid_format *optional*	Identity provider's NameID format. **Allowed Enum Values** * windows (Windows Domain Qualified Name) * transient (Transient) * persistent (Persistent) * x509 (x509) * encrypted (Encrypted) * kerberos (Kerberos) * email (Email Address) * unspecified (Unspecified) * entity (Entity)	enum (windows, transient, persistent, x509, encrypted, kerberos, email, unspecified, entity)

Name	Description	Schema
signin_url *optional*	Authentication request target (URL).	string
signout_url *optional*	Logout request target (URL).	string
x509cert *optional*	Identity provider's x509 certification file.	string
x509cert_file *optional*	Identity provider's x509 certification file.	string

24.26.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_identity_provider_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identity_provider_create

Name	Description	Schema
cpm_address *optional*	Identity provider's CPM IP or DNS.	string
directory_service_enabled *optional*	Whether the identity provider is enabled.	boolean
entity_id *optional*	Identity provider's identifier (URI).	string
nameid_format *optional*	Identity provider's NameID format. **Allowed Enum Values** * windows (Windows Domain Qualified Name) * transient (Transient) * persistent (Persistent) * x509 (x509) * encrypted (Encrypted) * kerberos (Kerberos) * email (Email Address) * unspecified (Unspecified) * entity (Entity)	enum (windows, transient, persistent, x509, encrypted, kerberos, email, unspecified, entity)
redirect_url *optional*	Test connection URL. Only applicable on test connection.	string

Name	Description	Schema
signin_url *optional*	Authentication request target (URL).	string
signout_url *optional*	Logout request target (URL).	string
x509cert_filename *optional*	Identity provider's x509 certification file name.	string

24.26.4. Consumes

- `application/json`

24.26.5. Produces

- `application/json`

24.27. Retrieve the CPM identity provider settings

```
GET /api/settings/identity_provider/
```

24.27.1. Description

This endpoint returns the CPM identity provider settings.

Permissions and Restrictions:
* Only root user can get the identity provider settings.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

24.27.2. Responses

HTTP Code	Description	Schema
200	OK	response_settings_identity_provider_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identity_provider_list

Name	Description	Schema
cpm_address *optional*	Identity provider's CPM IP or DNS.	string
directory_service_enabled *optional*	Whether the identity provider is enabled.	boolean
entity_id *optional*	Identity provider's identifier (URI).	string

Name	Description	Schema
nameid_format *optional*	Identity provider's NameID format. **Allowed Enum Values** * windows (Windows Domain Qualified Name) * transient (Transient) * persistent (Persistent) * x509 (x509) * encrypted (Encrypted) * kerberos (Kerberos) * email (Email Address) * unspecified (Unspecified) * entity (Entity)	enum (windows, transient, persistent, x509, encrypted, kerberos, email, unspecified, entity)
redirect_url *optional*	Test connection URL. Only applicable on test connection.	string
signin_url *optional*	Authentication request target (URL).	string
signout_url *optional*	Logout request target (URL).	string
x509cert_filename *optional*	Identity provider's x509 certification file name.	string

24.27.3. Produces

- `application/json`

24.28. Retrieve the CPM IP and DNS addresses

```
GET /api/settings/identity_provider/cpm_addresses/
```

24.28.1. Description

This endpoint returns a list of CPM IP and DNS addresses.

Permissions and Restrictions:
* Only root user can get the identity provider settings.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.28.2. Responses

HTTP Code	Description	Schema
200	OK	response_settings_identity_provider_get_cpm_address
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identity_provider_get_cpm_address

Name	Description	Schema
address *optional*	IP address or DNS of the CPM server.	string
address_type *optional*	Is this IP address or DNS of the CPM server.	string

24.28.3. Produces

- `application/json`

24.29. List the settings for the CPM identity provider's groups

```
GET /api/settings/identity_provider/groups/
```

24.29.1. Description

This endpoint returns a list of settings for the CPM identity provider's groups.

Permissions and Restrictions:
* Only root user can get the identity provider settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.29.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.29.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_identity_provider_groups_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identity_provider_groups_list

Name	Description	Schema
allow_account_changes *optional*	Whether the delegate is able to edit/add/remove AWS accounts.	boolean
allow_backup_changes *optional*	Whether the delegate is allowed to make changes to policies, backups, etc.	boolean

Name	Description	Schema
allow_cost_explorer *optional*	Identity provider group allowed cost explorer.	boolean
allow_file_level_restore *optional*	Identity provider group allowed file level recovery.	boolean
allow_recovery *optional*	Whether the delegate is able to perform recovery operations.	boolean
allow_volumes_occupied_percent *optional*	Identity provider group allowed volumes occupied percent.	boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
max_accounts *optional*	Identity provider group max number of accounts.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Identity provider group max DynamoDB tables (GiB).	integer
max_independent_ebs_gib *optional*	Identity provider group max non-instance EBS (GiB).	integer
max_instances *optional*	Identity provider group max number of instances.	integer
max_rds_gib *optional*	Identity provider group max RDS (GiB).	integer
max_redshift_gib *optional*	Identity provider group max Redshift clusters (GiB).	integer
name *optional*	Identity provider group name.	string
original_username *optional*	Identity provider group original username.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate. **Allowed Enum Values** * I (Independent) * M (Managed) * D (Delegate)	enum (I, M, D)

Name	Description	Schema
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

24.29.4. Produces

- `application/json`

24.30. Create a CPM identity provider's group settings

```
POST /api/settings/identity_provider/groups/delegates/
```

24.30.1. Description

This endpoint creates a new CPM identity provider's group settings.

Permissions and Restrictions:
* Only root user can create the identity provider settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

24.30.2. Parameters

Type	Name	Schema
Body	**data_settings_identity_provider_groups_delegates_create** *required*	data_settings_identity_provider_groups_delegates_create

data_settings_identity_provider_groups_delegates_create

Name	Description	Schema
allow_account_changes *optional*	Whether the delegate is able to edit/add/remove AWS accounts.	boolean
allow_backup_changes *optional*	Whether the delegate is allowed to make changes to policies, backups, etc.	boolean
allow_recovery *optional*	Whether the delegate is able to perform recovery operations.	boolean
allow_settings_changes *optional*		boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
name *required*	Identity provider group name.	string
original_username *required*	Identity provider group original username.	string

24.30.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_identity_provider_groups_delegates_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identity_provider_groups_delegates_create

Name	Description	Schema
allow_account_changes *optional*	Whether the delegate is able to edit/add/remove AWS accounts.	boolean
allow_backup_changes *optional*	Whether the delegate is allowed to make changes to policies, backups, etc.	boolean
allow_recovery *optional*	Whether the delegate is able to perform recovery operations.	boolean
allow_settings_changes *optional*		boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Identity provider group name.	string
original_username *optional*	Identity provider group original username.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string

24.30.4. Consumes

- `application/json`

24.30.5. Produces

- `application/json`

24.31. List the settings for the CPM identity provider's groups

```
GET /api/settings/identity_provider/groups/delegates/
```

24.31.1. Description

This endpoint returns a list of settings for the CPM identity provider's groups.

Permissions and Restrictions:
* Only root user can get the identity provider settings.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.31.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.31.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_identity_provider_groups_delegates_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identity_provider_groups_delegates_list

Name	Description	Schema
allow_account_changes *optional*	Whether the delegate is able to edit/add/remove AWS accounts.	boolean
allow_backup_changes *optional*	Whether the delegate is allowed to make changes to policies, backups, etc.	boolean

Name	Description	Schema
allow_recovery *optional*	Whether the delegate is able to perform recovery operations.	boolean
allow_settings_changes *optional*		boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Identity provider group name.	string
original_username *optional*	Identity provider group original username.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string

24.31.4. Produces

- `application/json`

24.32. Retrieve the settings for the CPM identity provider's groups.

```
GET /api/settings/identity_provider/groups/delegates/{id}/
```

24.32.1. Description

This endpoint returns the settings for the CPM identity provider's groups.

Permissions and Restrictions:
* Only root user can get the identity provider settings.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.32.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

24.32.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_identity_provider_groups_delegates_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_settings_identity_provider_groups_delegates_read

Name	Description	Schema
allow_account_changes *optional*	Whether the delegate is able to edit/add/remove AWS accounts.	boolean
allow_backup_changes *optional*	Whether the delegate is allowed to make changes to policies, backups, etc.	boolean
allow_recovery *optional*	Whether the delegate is able to perform recovery operations.	boolean

Name	Description	Schema
allow_settings_changes *optional*		boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Identity provider group name.	string
original_username *optional*	Identity provider group original username.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string

24.32.4. Produces

- `application/json`

24.33. Update a CPM identity provider's group settings

```
PUT /api/settings/identity_provider/groups/delegates/{id}/
```

24.33.1. Description

This endpoint updates a CPM identity provider's group settings.

Permissions and Restrictions:
* Only root user can update the identity provider settings.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.33.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_settings_identity_provider_groups_delegates_update** *required*	data_settings_identity_provider_groups_delegates_update

data_settings_identity_provider_groups_delegates_update

Name	Description	Schema
allow_account_changes *optional*	Whether the delegate is able to edit/add/remove AWS accounts.	boolean
allow_backup_changes *optional*	Whether the delegate is allowed to make changes to policies, backups, etc.	boolean
allow_recovery *optional*	Whether the delegate is able to perform recovery operations.	boolean
allow_settings_changes *optional*		boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
name *required*	Identity provider group name.	string
original_username *required*	Identity provider group original username.	string

24.33.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_identity_provider_groups_delegates_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_settings_identity_provider_groups_delegates_update

Name	Description	Schema
allow_account_changes *optional*	Whether the delegate is able to edit/add/remove AWS accounts.	boolean
allow_backup_changes *optional*	Whether the delegate is allowed to make changes to policies, backups, etc.	boolean
allow_recovery *optional*	Whether the delegate is able to perform recovery operations.	boolean
allow_settings_changes *optional*		boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Identity provider group name.	string
original_username *optional*	Identity provider group original username.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string

24.33.4. Consumes

- `application/json`

24.33.5. Produces

- `application/json`

24.34. Delete a CPM identity provider's group settings

```
DELETE /api/settings/identity_provider/groups/delegates/{id}/
```

24.34.1. Description

This endpoint deletes the settings for a CPM identity provider's group.

Permissions and Restrictions:
* Only root user can delete the identity provider settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.34.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

24.34.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

24.35. Create a CPM identity provider's group settings

```
POST /api/settings/identity_provider/groups/users/
```

24.35.1. Description

This endpoint creates a new CPM identity provider's group settings.

Permissions and Restrictions:
* Only root user can create the identity provider settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

24.35.2. Parameters

Type	Name	Schema
Body	**data_settings_identity_provider_groups_users_create** *required*	data_settings_identity_provider_groups_users_create

data_settings_identity_provider_groups_users_create

Name	Description	Schema
allow_cost_explorer *optional*	Identity provider group allowed cost explorer.	boolean
allow_file_level_restore *optional*	Identity provider group allowed file level recovery.	boolean
allow_volumes_occupied_percent *optional*	Identity provider group allowed volumes occupied percent.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
max_accounts *optional*	Identity provider group max number of accounts.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Identity provider group max DynamoDB tables (GiB).	integer

Name	Description	Schema
max_independent_ebs_gib *optional*	Identity provider group max non-instance EBS (GiB).	integer
max_instances *optional*	Identity provider group max number of instances.	integer
max_rds_gib *optional*	Identity provider group max RDS (GiB).	integer
max_redshift_gib *optional*	Identity provider group max Redshift clusters (GiB).	integer
name *required*	Identity provider group name.	string
user_type *required*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

24.35.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_identity_provider_groups_users_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identity_provider_groups_users_create

Name	Description	Schema
allow_cost_explorer *optional*	Identity provider group allowed cost explorer.	boolean
allow_file_level_restore *optional*	Identity provider group allowed file level recovery.	boolean
allow_volumes_occupied_percent *optional*	Identity provider group allowed volumes occupied percent.	boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean

Name	Description	Schema
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
max_accounts *optional*	Identity provider group max number of accounts.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Identity provider group max DynamoDB tables (GiB).	integer
max_independent_ebs_gib *optional*	Identity provider group max non-instance EBS (GiB).	integer
max_instances *optional*	Identity provider group max number of instances.	integer
max_rds_gib *optional*	Identity provider group max RDS (GiB).	integer
max_redshift_gib *optional*	Identity provider group max Redshift clusters (GiB).	integer
name *optional*	Identity provider group name.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

24.35.4. Consumes

- `application/json`

24.35.5. Produces

- `application/json`

24.36. List the settings for the CPM identity provider's groups

```
GET /api/settings/identity_provider/groups/users/
```

24.36.1. Description

This endpoint returns a list of settings for the CPM identity provider's groups.

Permissions and Restrictions:
* Only root user can get the identity provider settings.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.36.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.36.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_identity_provider_groups_users_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_identity_provider_groups_users_list

Name	Description	Schema
allow_cost_explorer *optional*	Identity provider group allowed cost explorer.	boolean
allow_file_level_restore *optional*	Identity provider group allowed file level recovery.	boolean

Name	Description	Schema
allow_volumes_occupied_percent *optional*	Identity provider group allowed volumes occupied percent.	boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
max_accounts *optional*	Identity provider group max number of accounts.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Identity provider group max DynamoDB tables (GiB).	integer
max_independent_ebs_gib *optional*	Identity provider group max non-instance EBS (GiB).	integer
max_instances *optional*	Identity provider group max number of instances.	integer
max_rds_gib *optional*	Identity provider group max RDS (GiB).	integer
max_redshift_gib *optional*	Identity provider group max Redshift clusters (GiB).	integer
name *optional*	Identity provider group name.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

24.36.4. Produces

- `application/json`

24.37. Retrieve the settings for the CPM identity provider's groups.

```
GET /api/settings/identity_provider/groups/users/{id}/
```

24.37.1. Description

This endpoint returns the settings for the CPM identity provider's groups.

Permissions and Restrictions:
* Only root user can get the identity provider settings.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.37.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

24.37.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_identity_provider_groups_users_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_settings_identity_provider_groups_users_read

Name	Description	Schema
allow_cost_explorer *optional*	Identity provider group allowed cost explorer.	boolean
allow_file_level_restore *optional*	Identity provider group allowed file level recovery.	boolean

Name	Description	Schema
allow_volumes_occupied_percent *optional*	Identity provider group allowed volumes occupied percent.	boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
max_accounts *optional*	Identity provider group max number of accounts.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Identity provider group max DynamoDB tables (GiB).	integer
max_independent_ebs_gib *optional*	Identity provider group max non-instance EBS (GiB).	integer
max_instances *optional*	Identity provider group max number of instances.	integer
max_rds_gib *optional*	Identity provider group max RDS (GiB).	integer
max_redshift_gib *optional*	Identity provider group max Redshift clusters (GiB).	integer
name *optional*	Identity provider group name.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

24.37.4. Produces

- `application/json`

24.38. Update a CPM identity provider's group settings

```
PUT /api/settings/identity_provider/groups/users/{id}/
```

24.38.1. Description

This endpoint updates a CPM identity provider's group settings.

Permissions and Restrictions:
* Only root user can update the identity provider settings.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.38.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_settings_identity_provider_groups_users_update** *required*	data_settings_identity_provider_groups_users_update

data_settings_identity_provider_groups_users_update

Name	Description	Schema
allow_cost_explorer *optional*	Identity provider group allowed cost explorer.	boolean
allow_file_level_restore *optional*	Identity provider group allowed file level recovery.	boolean
allow_volumes_occupied_percent *optional*	Identity provider group allowed volumes occupied percent.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
max_accounts *optional*	Identity provider group max number of accounts.	integer
max_controlled_entities *optional*		integer

Name	Description	Schema
max_dynamodb_gib *optional*	Identity provider group max DynamoDB tables (GiB).	integer
max_independent_ebs_gib *optional*	Identity provider group max non-instance EBS (GiB).	integer
max_instances *optional*	Identity provider group max number of instances.	integer
max_rds_gib *optional*	Identity provider group max RDS (GiB).	integer
max_redshift_gib *optional*	Identity provider group max Redshift clusters (GiB).	integer
name *required*	Identity provider group name.	string
user_type *required*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

24.38.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_identity_provider_groups_users_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_settings_identity_provider_groups_users_update

Name	Description	Schema
allow_cost_explorer *optional*	Identity provider group allowed cost explorer.	boolean
allow_file_level_restore *optional*	Identity provider group allowed file level recovery.	boolean

Name	Description	Schema
allow_volumes_occupied_percent *optional*	Identity provider group allowed volumes occupied percent.	boolean
default_group *optional*	Identity provider default group - created by CPM, not by user.	boolean
enabled *optional*	Whether an identity provider group is enabled.	boolean
id *optional*	Unique ID of the resource in CPM.	integer
max_accounts *optional*	Identity provider group max number of accounts.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Identity provider group max DynamoDB tables (GiB).	integer
max_independent_ebs_gib *optional*	Identity provider group max non-instance EBS (GiB).	integer
max_instances *optional*	Identity provider group max number of instances.	integer
max_rds_gib *optional*	Identity provider group max RDS (GiB).	integer
max_redshift_gib *optional*	Identity provider group max Redshift clusters (GiB).	integer
name *optional*	Identity provider group name.	string
user_type *optional*	Identity provider group user type - (I)Independent , (M)Managed, (D)Delegate.	string
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

24.38.4. Consumes

- `application/json`

24.38.5. Produces

- `application/json`

24.39. Delete a CPM identity provider's group settings

```
DELETE /api/settings/identity_provider/groups/users/{id}/
```

24.39.1. Description

This endpoint deletes the settings for a CPM identity provider's group.

Permissions and Restrictions:
* Only root user can delete the identity provider settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.39.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

24.39.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

24.40. Test the CPM active directory connection

```
POST /api/settings/identity_provider/test_connection/
```

24.40.1. Description

This endpoint tests the CPM active directory connection.

Permissions and Restrictions:
* Only root user can test the CPM active directory connection, limited by the license.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

24.40.2. Parameters

Type	Name	Schema
Body	**data_settings_identity_provider_test_connection** *required*	data_settings_identity_provider_test_connection

data_settings_identity_provider_test_connection

Name	Description	Schema
cpm_address *optional*	Identity provider's CPM IP or DNS.	string
directory_service_enabled *optional*	Whether the identity provider is enabled.	boolean
entity_id *optional*	Identity provider's identifier (URI).	string
nameid_format *optional*	Identity provider's NameID format. **Allowed Enum Values** * windows (Windows Domain Qualified Name) * transient (Transient) * persistent (Persistent) * x509 (x509) * encrypted (Encrypted) * kerberos (Kerberos) * email (Email Address) * unspecified (Unspecified) * entity (Entity)	enum (windows, transient, persistent, x509, encrypted, kerberos, email, unspecified, entity)

Name	Description	Schema
signin_url *optional*	Authentication request target (URL).	string
signout_url *optional*	Logout request target (URL).	string
x509cert *optional*	Identity provider's x509 certification file.	string
x509cert_file *optional*	Identity provider's x509 certification file.	string

24.40.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.40.4. Consumes

- `application/json`

24.41. Create CPM notifications settings

```
POST /api/settings/notifications/
```

24.41.1. Description

This endpoint creates the CPM notifications settings policy.

Permissions and Restrictions:
* Any authenticated user can change his own settings.
* Using IAM role is only allowed for root user.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

24.41.2. Parameters

Type	Name	Schema
Body	**data_settings_notifications_create** *required*	data_settings_notifications_create

data_settings_notifications_create

Name	Description	Schema
alerts *optional*		data_settings_notifications_create_alerts
daily_summary *optional*		data_settings_notifications_create_daily_summary
include_managed_user_alerts *optional*	Include managed users alerts.	boolean
sns_access_key *optional*	AWS access key for the SNS service. Applicable when 'sns_authentication' is set to 'C'.	string
sns_account *optional*	Authentication account. Applicable when 'sns_authentication' is set to 'A'.	integer

Name	Description	Schema
sns_authentication *required*	Authentication method. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Account)	enum (C, R, A)
sns_region *required*	AWS region for the SNS service.	string
sns_secret_key *optional*	AWS secret key for the SNS service. Applicable when 'sns_authentication' is set to 'C'.	string
user *required*	ID of the owner user.	integer

data_settings_notifications_create_alerts

Name	Description	Schema
add_user_email *optional*	If set, the email of the CPM user will be added automatically to the SNS topic. User will need to confirm email within three days.	boolean
create_new_topic *optional*	If set, an SNS topic will be created automatically to use for alerts.	boolean
enabled *optional*	Enable daily alerts notifications for failed operations.	boolean
sns_alerts_topic_arn *optional*	Alerts SNS notifications topic ARN.	string

data_settings_notifications_create_daily_summary

Name	Description	Schema
add_user_email_to_summary *optional*	If set, the email of the CPM user will be added automatically to the SNS topic. User will need to confirm email within three days.	boolean
create_new_summery_topic *optional*		boolean
enable_summary *optional*	Enable daily summary notifications.	boolean
sns_summary_topic_arn *optional*	Summary SNS notifications topic ARN.	string
summary_daily_time *required*	Hour of the day to create daily summary.	string

Name	Description	Schema
use_same_sns_topic *optional*	If set, use same topic for summary notifications, as used for alerts notifications.	boolean

24.41.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_notifications_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_notifications_create

Name	Description	Schema
alerts *optional*		response_settings_notifications_create_alerts
daily_summary *optional*		response_settings_notifications_create_daily_summary
id *optional*	Unique ID of the resource in CPM.	integer
include_managed_user_alerts *optional*	Include managed users alerts.	boolean
sns_access_key *optional*	AWS access key for the SNS service. Applicable when 'sns_authentication' is set to 'C'.	string
sns_account *optional*	Authentication account. Applicable when 'sns_authentication' is set to 'A'.	integer
sns_authentication *optional*	Authentication method. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Account)	enum (C, R, A)
sns_region *optional*	AWS region for the SNS service.	string
user *optional*	ID of the owner user.	integer

response_settings_notifications_create_alerts

Name	Description	Schema
enabled *optional*	Enable daily alerts notifications for failed operations.	boolean
sns_alerts_topic_arn *optional*	Alerts SNS notifications topic ARN.	string

response_settings_notifications_create_daily_summary

Name	Description	Schema
enable_summary *optional*	Enable daily summary notifications.	boolean
sns_summary_topic_arn *optional*	Summary SNS notifications topic ARN.	string
summary_daily_time *optional*	Hour of the day to create daily summary.	string
use_same_sns_topic *optional*	If set, use same topic for summary notifications, as used for alerts notifications.	boolean

24.41.4. Consumes

- `application/json`

24.41.5. Produces

- `application/json`

24.42. Get CPM notifications settings

```
GET /api/settings/notifications/
```

24.42.1. Description

This endpoint returns the CPM notifications settings.

Permissions and Restrictions:
* Any authenticated user can get his own settings.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.4.0`

24.42.2. Parameters

Type	Name	Description	Schema
Query	**user** *optional*	ID of the owner user.	string

24.42.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_notifications_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_notifications_list

Name	Description	Schema
alerts *optional*		response_settings_notifications_list_alerts
daily_summary *optional*		response_settings_notifications_list_daily_summary
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
include_managed_user_alerts *optional*	Include managed users alerts.	boolean
sns_access_key *optional*	AWS access key for the SNS service. Applicable when 'sns_authentication' is set to 'C'.	string
sns_account *optional*	Authentication account. Applicable when 'sns_authentication' is set to 'A'.	integer
sns_authentication *optional*	Authentication method. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Account)	enum (C, R, A)
sns_region *optional*	AWS region for the SNS service.	string
user *optional*	ID of the owner user.	integer

response_settings_notifications_list_alerts

Name	Description	Schema
enabled *optional*	Enable daily alerts notifications for failed operations.	boolean
sns_alerts_topic_arn *optional*	Alerts SNS notifications topic ARN.	string

response_settings_notifications_list_daily_summary

Name	Description	Schema
enable_summary *optional*	Enable daily summary notifications.	boolean
sns_summary_topic_arn *optional*	Summary SNS notifications topic ARN.	string
summary_daily_time *optional*	Hour of the day to create daily summary.	string
use_same_sns_topic *optional*	If set, use same topic for summary notifications, as used for alerts notifications.	boolean

24.42.4. Produces

- `application/json`

24.43. Retrieve a CPM notifications settings

```
GET /api/settings/notifications/{id}/
```

24.43.1. Description

This endpoint returns the CPM notifications settings for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated non-delegate user can get his own CPM notifications.
* Root user can also get the CPM notifications of the managed users.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.43.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

24.43.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_notifications_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_settings_notifications_read

Name	Description	Schema
alerts *optional*		response_settings_notifications_read_alerts
daily_summary *optional*		response_settings_notifications_read_daily_summary

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
include_managed_user_alerts *optional*	Include managed users alerts.	boolean
sns_access_key *optional*	AWS access key for the SNS service. Applicable when 'sns_authentication' is set to 'C'.	string
sns_account *optional*	Authentication account. Applicable when 'sns_authentication' is set to 'A'.	integer
sns_authentication *optional*	Authentication method. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Account)	enum (C, R, A)
sns_region *optional*	AWS region for the SNS service.	string
user *optional*	ID of the owner user.	integer

response_settings_notifications_read_alerts

Name	Description	Schema
enabled *optional*	Enable daily alerts notifications for failed operations.	boolean
sns_alerts_topic_arn *optional*	Alerts SNS notifications topic ARN.	string

response_settings_notifications_read_daily_summary

Name	Description	Schema
enable_summary *optional*	Enable daily summary notifications.	boolean
sns_summary_topic_arn *optional*	Summary SNS notifications topic ARN.	string
summary_daily_time *optional*	Hour of the day to create daily summary.	string
use_same_sns_topic *optional*	If set, use same topic for summary notifications, as used for alerts notifications.	boolean

24.43.4. Produces

- `application/json`

24.44. Change CPM notifications settings

```
PUT /api/settings/notifications/{id}/
```

24.44.1. Description

This endpoint changes the CPM notifications settings policy.

Permissions and Restrictions:
* Any authenticated user can change his own settings.
* Using IAM role is only allowed for root user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

24.44.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_settings_notifications_update** *required*	data_settings_notifications_update

data_settings_notifications_update

Name	Description	Schema
alerts *optional*		data_settings_notifications_update_alerts
daily_summary *optional*		data_settings_notifications_update_daily_summary
include_managed_user_alerts *optional*	Include managed users alerts.	boolean
sns_access_key *optional*	AWS access key for the SNS service. Applicable when 'sns_authentication' is set to 'C'.	string
sns_account *optional*	Authentication account. Applicable when 'sns_authentication' is set to 'A'.	integer

Name	Description	Schema
sns_authentication *required*	Authentication method. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Account)	enum (C, R, A)
sns_region *required*	AWS region for the SNS service.	string
sns_secret_key *optional*	AWS secret key for the SNS service. Applicable when 'sns_authentication' is set to 'C'.	string

data_settings_notifications_update_alerts

Name	Description	Schema
add_user_email *optional*	If set, the email of the CPM user will be added automatically to the SNS topic. User will need to confirm email within three days.	boolean
create_new_topic *optional*	If set, an SNS topic will be created automatically to use for alerts.	boolean
enabled *optional*	Enable daily alerts notifications for failed operations.	boolean
sns_alerts_topic_arn *optional*	Alerts SNS notifications topic ARN.	string

data_settings_notifications_update_daily_summary

Name	Description	Schema
add_user_email_to_summary *optional*	If set, the email of the CPM user will be added automatically to the SNS topic. User will need to confirm email within three days.	boolean
create_new_summery_topic *optional*		boolean
enable_summary *optional*	Enable daily summary notifications.	boolean
sns_summary_topic_arn *optional*	Summary SNS notifications topic ARN.	string
summary_daily_time *required*	Hour of the day to create daily summary.	string
use_same_sns_topic *optional*	If set, use same topic for summary notifications, as used for alerts notifications.	boolean

24.44.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_notifications_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_settings_notifications_update

Name	Description	Schema
alerts *optional*		response_settings_notifications_update_alerts
daily_summary *optional*		response_settings_notifications_update_daily_summary
id *optional*	Unique ID of the resource in CPM.	integer
include_managed_user_alerts *optional*	Include managed users alerts.	boolean
sns_access_key *optional*	AWS access key for the SNS service. Applicable when 'sns_authentication' is set to 'C'.	string
sns_account *optional*	Authentication account. Applicable when 'sns_authentication' is set to 'A'.	integer
sns_authentication *optional*	Authentication method. **Allowed Enum Values** * C (IAM User Credentials) * R (CPM Instance IAM Role) * A (Account)	enum (C, R, A)
sns_region *optional*	AWS region for the SNS service.	string
user *optional*	ID of the owner user.	integer

response_settings_notifications_update_alerts

Name	Description	Schema
enabled *optional*	Enable daily alerts notifications for failed operations.	boolean
sns_alerts_topic_arn *optional*	Alerts SNS notifications topic ARN.	string

response_settings_notifications_update_daily_summary

Name	Description	Schema
enable_summary *optional*	Enable daily summary notifications.	boolean
sns_summary_topic_arn *optional*	Summary SNS notifications topic ARN.	string
summary_daily_time *optional*	Hour of the day to create daily summary.	string
use_same_sns_topic *optional*	If set, use same topic for summary notifications, as used for alerts notifications.	boolean

24.44.4. Consumes

- `application/json`

24.44.5. Produces

- `application/json`

24.45. Test daily summary settings

```
POST /api/settings/notifications/{id}/test_daily_summary/
```

24.45.1. Description

This endpoint tests daily summary settings for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated non-delegate user can test his own settings.
* Root user can also test the settings of the managed users.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.45.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

24.45.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.46. Change CPM proxy settings

```
POST /api/settings/proxy/
```

24.46.1. Description

This endpoint changes the CPM proxy settings policy.

Permissions and Restrictions:
* Only the root user can change the proxy settings.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

24.46.2. Parameters

Type	Name	Schema
Body	**data_settings_proxy_create** *required*	data_settings_proxy_create

data_settings_proxy_create

Name	Description	Schema
address *optional*	Proxy address.	string
enabled *optional*	Connect via web proxy.	boolean
password *optional*	Proxy password.	string
port *optional*	Proxy port.	integer
user *optional*	Proxy user.	string

24.46.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_proxy_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_proxy_create

Name	Description	Schema
address *optional*	Proxy address.	string
enabled *optional*	Connect via web proxy.	boolean
port *optional*	Proxy port.	integer
user *optional*	Proxy user.	string

24.46.4. Consumes

- `application/json`

24.46.5. Produces

- `application/json`

24.47. Retrieve the CPM proxy settings

```
GET /api/settings/proxy/
```

24.47.1. Description

This endpoint returns the CPM proxy settings.

Permissions and Restrictions:
* Only root user can get the proxy settings.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

24.47.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.47.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_proxy_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_proxy_list

Name	Description	Schema
address *optional*	Proxy address.	string
enabled *optional*	Connect via web proxy.	boolean
port *optional*	Proxy port.	integer

Name	Description	Schema
user *optional*	Proxy user.	string

24.47.4. Produces

- `application/json`

24.48. Test the CPM proxy settings connection

```
POST /api/settings/proxy/test_connection/
```

24.48.1. Description

This endpoint tests the CPM proxy settings connection.

Permissions and Restrictions:
* Only root user can test the CPM proxy settings connection, limited by the license.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.48.2. Parameters

Type	Name	Schema
Body	**data_settings_proxy_test_connection** *required*	data_settings_proxy_test_connection

data_settings_proxy_test_connection

Name	Description	Schema
address *optional*	Proxy address.	string
enabled *optional*	Connect via web proxy.	boolean
password *optional*	Proxy password.	string
port *optional*	Proxy port.	integer
user *optional*	Proxy user.	string

24.48.3. Responses

HTTP Code	Description	Schema
200	OK	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

24.48.4. Consumes

- `application/json`

24.49. Change CPM Secured DR Account check settings

```
POST /api/settings/secured_dr_account_check/
```

24.49.1. Description

This endpoint changes the CPM Secured DR Account check settings policy.

Permissions and Restrictions:
* Only the root user can update Secured DR Account settings.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

24.49.2. Parameters

Type	Name	Schema
Body	**data_settings_secured_dr_account_check_create** *required*	data_settings_secured_dr_account_check_create

data_settings_secured_dr_account_check_create

Name	Description	Schema
secured_dr_account_check *optional*	Secured DR Account check on all DR accounts that use vault definition.	boolean
secured_dr_account_check_interval *required*	Secured DR Account check schedule interval (hours).	integer

24.49.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_secured_dr_account_check_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_secured_dr_account_check_create

Name	Description	Schema
last_secured_dr_account_check_time *optional*	Last time a Secured DR Account check was performed.	string
secured_dr_account_check *optional*	Secured DR Account check on all DR accounts that use vault definition.	boolean
secured_dr_account_check_interval *optional*	Secured DR Account check schedule interval (hours).	integer

24.49.4. Consumes

- `application/json`

24.49.5. Produces

- `application/json`

24.50. Retrieve CPM Secured DR Account check settings

```
GET /api/settings/secured_dr_account_check/
```

24.50.1. Description

This endpoint returns the CPM Secured DR Account check settings.

Permissions and Restrictions:
* Only root user can get the Secured DR Account check settings.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

24.50.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.50.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_secured_dr_account_check_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_secured_dr_account_check_list

Name	Description	Schema
last_secured_dr_account_check_time *optional*	Last time a Secured DR Account check was performed.	string
secured_dr_account_check *optional*	Secured DR Account check on all DR accounts that use vault definition.	boolean

Name	Description	Schema
secured_dr_account_check_interval *optional*	Secured DR Account check schedule interval (hours).	integer

24.50.4. Produces

- `application/json`

24.51. List the selected logs

```
GET /api/settings/secured_dr_account_check/logs/
```

24.51.1. Description

This endpoint returns a list of logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

24.51.2. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_secured_dr_account_check_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_secured_dr_account_check_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string
log_type *optional*	Severity of the logging.	string

24.51.3. Produces

- `application/json`
- `text/csv`

24.52. Run the Secured DR Account check operation

```
POST /api/settings/secured_dr_account_check/run/
```

24.52.1. Description

This endpoint runs the CPM Secured DR Account check operation.

Permissions and Restrictions:
* Only root user can perform this operation.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

24.52.2. Responses

HTTP Code	Description	Schema
202	Accepted	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.53. Create CPM security settings

```
POST /api/settings/security/
```

24.53.1. Description

This endpoint changes the CPM security settings.

Permissions and Restrictions:
* Only the root user can change the security settings.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.53.2. Parameters

Type	Name	Schema
Body	**data_settings_security_create** *required*	data_settings_security_create

data_settings_security_create

Name	Description	Schema
encryption_key_detection *required*	Encryption Key Detection - For encrypted data Strict - DR encryption key must match, either with an alias or a custom tag.For shared encryption keys see user-guide.Use Default Key - If the encryption key is not matched, the default encryption key is used.Use Default and Alert - Use the default key and send an alert. **Allowed Enum Values** * S (Strict) * D (Use Default Key) * A (Use Default Key & Alert)	enum (S, D, A)

24.53.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_security_create
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_security_create

Name	Description	Schema
encryption_key_detection *optional*	Encryption Key Detection - For encrypted data Strict - DR encryption key must match, either with an alias or a custom tag.For shared encryption keys see user-guide.Use Default Key - If the encryption key is not matched, the default encryption key is used.Use Default and Alert - Use the default key and send an alert. **Allowed Enum Values** * S (Strict) * D (Use Default Key) * A (Use Default Key & Alert)	enum (S, D, A)

24.53.4. Consumes

- `application/json`

24.53.5. Produces

- `application/json`

24.54. Retrieve the CPM security settings

```
GET /api/settings/security/
```

24.54.1. Description

This endpoint returns the CPM security settings.

Permissions and Restrictions:
* Only root user can get the security settings.

- *Initial Release:* `1.3.0`
- *Last Modified Version:* `1.3.0`

24.54.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.54.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_security_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_security_list

Name	Description	Schema
encryption_key_detection *optional*	Encryption Key Detection - For encrypted data Strict - DR encryption key must match, either with an alias or a custom tag.For shared encryption keys see user-guide.Use Default Key - If the encryption key is not matched, the default encryption key is used.Use Default and Alert - Use the default key and send an alert. **Allowed Enum Values** * S (Strict) * D (Use Default Key) * A (Use Default Key & Alert)	enum (S, D, A)

24.54.4. Produces

- `application/json`

24.55. Change the CPM tag scan settings

```
POST /api/settings/tagscan/
```

24.55.1. Description

This endpoint changes the CPM tag scan settings.

Permissions and Restrictions:
* Only the root user can change the tag scan settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.55.2. Parameters

Type	Name	Schema
Body	**data_settings_tagscan_create** *required*	data_settings_tagscan_create

data_settings_tagscan_create

Name	Description	Schema
scan_resources *optional*	Scan resources for backup tag.	boolean
tag_scan_excluded_volumes_enabled *optional*		boolean
tag_scan_interval *required*	Tag scanning schedule interval (hours).	integer

24.55.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_tagscan_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_tagscan_create

Name	Description	Schema
last_resources_scan_time *optional*	Last time CPM ran tag scan.	string
scan_resources *optional*	Scan resources for backup tag.	boolean
tag_scan_excluded_volumes_enabled *optional*		boolean
tag_scan_interval *optional*	Tag scanning schedule interval (hours).	integer

24.55.4. Consumes

- `application/json`

24.55.5. Produces

- `application/json`

24.56. Retrieve the CPM tag scan settings

```
GET /api/settings/tagscan/
```

24.56.1. Description

This endpoint returns the CPM tag scan settings.

Permissions and Restrictions:
* Only root user can get the tag scan settings.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.56.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.56.3. Responses

HTTP Code	Description	Schema
200	OK	response_settings_tagscan_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_tagscan_list

Name	Description	Schema
last_resources_scan_time *optional*	Last time CPM ran tag scan.	string
scan_resources *optional*	Scan resources for backup tag.	boolean
tag_scan_excluded_volumes_enabled *optional*		boolean

Name	Description	Schema
tag_scan_interval *optional*	Tag scanning schedule interval (hours).	integer

24.56.4. Produces

- `application/json`

24.57. List the selected logs

```
GET /api/settings/tagscan/logs/
```

24.57.1. Description

This endpoint returns a list of logs for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own logs.
* Root user can also get the logs of the managed users.
* Delegates can get the logs of their original user.

CSV Media Type:
* `text/csv` media type is supported in addition to the `application/json` type.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

24.57.2. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_tagscan_list_logs > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_tagscan_list_logs

Name	Description	Schema
log *optional*	Log message.	string
log_time *optional*	Time of the logging.	string
log_type *optional*	Severity of the logging.	string

24.57.3. Produces

- `application/json`
- `text/csv`

24.58. Run the tag scan operation

```
POST /api/settings/tagscan/run/
```

24.58.1. Description

This endpoint runs the CPM's tag scan operation.

Permissions and Restrictions:
* Only root user can perform this operation.

- *Initial Release:* `1.2.0`
- *Last Modified Version:* `1.2.0`

24.58.2. Responses

HTTP Code	Description	Schema
202	Accepted	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.59. Upload a new upgrade CPM patch

```
POST /api/settings/upgrade_patches/
```

24.59.1. Description

This endpoint uploads a new upgrade patch.

Permissions and Restrictions:
* Only the root user can upload an upgrade patch.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.59.2. Parameters

Type	Name	Schema
Body	**data_settings_upgrade_patches_create** *required*	data_settings_upgrade_patches_create

data_settings_upgrade_patches_create

Name	Description	Schema
patch_file *required*	New patch file for upgrade operation.	string

24.59.3. Responses

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

24.59.4. Consumes

- `application/json`

24.60. Retrieve a list of CPM upgrade pathces

```
GET /api/settings/upgrade_patches/
```

24.60.1. Description

This endpoint returns a list of CPM upgrade patches.

Permissions and Restrictions:
* Only root user can get the CPM patches list.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

24.60.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

24.60.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_upgrade_patches_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_upgrade_patches_list

Name	Description	Schema
install_time *optional*	Time patch was installed.	string
name *optional*	Name of patch.	string
supported_versions *optional*	What versions supports this upgrade.	string

24.60.4. Produces

- `application/json`

24.61. Change CPM watermark settings

```
POST /api/settings/watermark/
```

24.61.1. Description

This endpoint changes the CPM watermark settings.

Permissions and Restrictions:
* Only root user and his delegates can change the watermark settings.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

24.61.2. Parameters

Type	Name	Schema
Body	**data_settings_watermark_create** *required*	data_settings_watermark_create

data_settings_watermark_create

Name	Description	Schema
alert_rec_vol *optional*	Whether to alert when occupied volumes exceeds low/high watermark on recurring volumes.	boolean
vol_storage_alert_watermark *optional*	Whether to alert when occupied volumes exceeds low/high watermark.	boolean
vol_storage_high_watermark *optional*	Upper limit for volume's occupied percent.	integer
vol_storage_low_watermark *optional*	Lower limit for volume's occupied percent.	integer

24.61.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_watermark_create
400	Bad Request	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content

response_settings_watermark_create

Name	Description	Schema
alert_rec_vol *optional*	Whether to alert when occupied volumes exceeds low/high watermark on recurring volumes.	boolean
vol_storage_alert_watermark *optional*	Whether to alert when occupied volumes exceeds low/high watermark.	boolean
vol_storage_high_watermark *optional*	Upper limit for volume's occupied percent.	integer
vol_storage_low_watermark *optional*	Lower limit for volume's occupied percent.	integer

24.61.4. Consumes

- `application/json`

24.61.5. Produces

- `application/json`

24.62. Retrieve the CPM watermark settings

```
GET /api/settings/watermark/
```

24.62.1. Description

This endpoint returns the CPM watermark settings.

Permissions and Restrictions:
* Only root user and his delegates can get the watermark settings.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

24.62.2. Responses

HTTP Code	Description	Schema
200	OK	response_settings_watermark_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_settings_watermark_list

Name	Description	Schema
alert_rec_vol *optional*	Whether to alert when occupied volumes exceeds low/high watermark on recurring volumes.	boolean
vol_storage_alert_watermark *optional*	Whether to alert when occupied volumes exceeds low/high watermark.	boolean
vol_storage_high_watermark *optional*	Upper limit for volume's occupied percent.	integer
vol_storage_low_watermark *optional*	Lower limit for volume's occupied percent.	integer

24.62.3. Produces

- `application/json`

Chapter 25. System

25.1. Information about recent backup activity of CPM

```
GET /api/system/dashboard/activity/
```

25.1.1. Description

This endpoint returns a summary of recent backups, DR operations and S3 copies that were performed recently.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

25.1.2. Parameters

Type	Name	Description	Schema
Query	**start_time** *optional*	Start time of the backup.	string

25.1.3. Responses

HTTP Code	Description	Schema
200	OK	response_system_dashboard_activity_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_system_dashboard_activity_list

Name	Description	Schema
backup_dr_fail_num *optional*	Number of failed DR operations performed lately.	integer
backup_dr_partial_num *optional*	Number of partially-successful DR operations performed lately.	integer
backup_dr_success_num *optional*	Number of successful DR operations performed lately.	integer
backup_fail_num *optional*	Number of failed backup operations performed lately.	integer
backup_partial_num *optional*	Number of partially-successful backup operations performed lately.	integer

Name	Description	Schema
backup_s3_fail_num *optional*	Number of failed S3 copy operations performed lately.	integer
backup_s3_partial_num *optional*	Number of partially-successful S3 copy operations performed lately.	integer
backup_s3_success_num *optional*	Number of successful S3 copy operations performed lately.	integer
backup_success_num *optional*	Number of successful backup operations performed lately.	integer

25.1.4. Produces

- `application/json`

25.2. Information about the protection provided CPM.

```
GET /api/system/dashboard/state/
```

25.2.1. Description

This endpoint returns a summary of backup definitions and protected resources.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

25.2.2. Responses

HTTP Code	Description	Schema
200	OK	response_system_dashboard_state_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_system_dashboard_state_list

Name	Description	Schema
accounts_num *optional*	Number of defined CPM accounts.	integer
policies_num *optional*	Number of policies defined in CPM.	integer
protected_ddb_num *optional*	Number of Dynamo databases backed up by CPM.	integer
protected_efs_num *optional*	Number of EFS file systems backed up by CPM.	integer
protected_fsx_num *optional*	Number of FSx backed up by CPM.	integer
protected_instances_num *optional*	Number of Instances backed up by CPM.	integer
protected_rds_clus_num *optional*	Number of RDS Clusters backed up by CPM.	integer
protected_rds_db_num *optional*	Number of RDS Databases backed up by CPM.	integer

Name	Description	Schema
protected_redshift_num *optional*	Number of Redshift Clusters backed up by CPM.	integer
protected_volumes_num *optional*	Number of Volumes backed up by CPM.	integer
snapshots_ddb_num *optional*	Number of Dynamo DB snapshots performed by CPM.	integer
snapshots_dr_rds_clus_num *optional*	Number of DR RDS Cluster snapshots performed by CPM.	integer
snapshots_dr_rds_num *optional*	Number of DR RDS snapshots performed by CPM.	integer
snapshots_dr_volume_num *optional*	Number of DR volume snapshots performed by CPM.	integer
snapshots_efs_num *optional*	Number of EFS snapshots performed by CPM.	integer
snapshots_fsx_num *optional*	Number of FSx snapshots performed by CPM.	integer
snapshots_rds_clus_num *optional*	Number of Rds Cluster snapshots performed by CPM.	integer
snapshots_rds_num *optional*	Number of RDS snapshots performed by CPM.	integer
snapshots_redshift_num *optional*	Number of Redshift snapshots performed by CPM.	integer
snapshots_volume_num *optional*	Number of snapshots performed by CPM.	integer
volumes_above_high_watermark_num *optional*	Number of volumes above high watermark volume's storage.	integer
volumes_below_low_watermark_num *optional*	Number of volumes below low watermark volume's storage.	integer
volumes_usage_percentage_num *optional*	Number of volumes with usage percentage.	integer

25.2.3. Produces

- `application/json`

25.3. Download a zipped file containing the CPM server log

```
GET /api/system/support_logs/
```

25.3.1. Description

This endpoint downloads a zipped file containing the CPM server log.

Permissions and Restrictions:
* Only root user and his delegates are permitted download this zipped file.

Sample cURL Request:

```
curl -OJ -X GET https://$HOST/api/system/support_logs/
-H 'Accept: application/json;'
-H 'Authorization: Bearer $TOKEN'
```

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.4.0`

25.3.2. Parameters

Type	Name	Description	Schema
Query	**check_aws_permissions** *optional*	Check AWS permissions for accounts filter.	string
Query	**collect_backup_logs_period** *optional*	Period for collecting backup logs (day, week or month) - default is week.	string
Query	**collect_system_logs** *optional*	Collect systems logs (e.g. Apache) filter.	string
Query	**collect_worker_logs** *optional*	Collect S3 worker logs filter.	string

25.3.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

25.3.4. Produces

- `application/x-bzip2`

25.4. List CPM long-running async tasks

```
GET /api/system/tasks/
```

25.4.1. Description

This endpoint returns a list of CPM long-running async tasks .

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can perform this operation.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

25.4.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**type** *optional*	Task type.	string

25.4.3. Responses

HTTP Code	Description	Schema
200	OK	< response_system_tasks_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_system_tasks_list

Name	Description	Schema
end_time *optional*	Time the task ended.	string

Name	Description	Schema
global_session_id *optional*	Global session ID.	string
id *optional*	Unique ID of the resource in CPM.	integer
name *optional*	Task name.	string
process_record_id *optional*	Process recode ID.	string
result *optional*	The result of the task operation.	string
start_time *optional*	Time the task started.	string
status *optional*	Task status. **Allowed Enum Values** * W (Waiting) * P (In Progress) * R (Received Result) * D (Done) * T (Timed Out)	enum (W, P, R, D, T)
type *optional*	Task type.	string

25.4.4. Produces

- `application/json`

25.5. Retrieve a CPM long-running async task

```
GET /api/system/tasks/{id}/
```

25.5.1. Description

This endpoint returns the CPM long-running async task for the ID passed in the URL path.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can perform this operation.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

25.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

25.5.3. Responses

HTTP Code	Description	Schema
200	OK	response_system_tasks_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_system_tasks_read

Name	Description	Schema
end_time *optional*	Time the task ended.	string
global_session_id *optional*	Global session ID.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
name *optional*	Task name.	string
process_record_id *optional*	Process recode ID.	string
result *optional*	The result of the task operation.	string
start_time *optional*	Time the task started.	string
status *optional*	Task status. **Allowed Enum Values** * W (Waiting) * P (In Progress) * R (Received Result) * D (Done) * T (Timed Out)	enum (W, P, R, D, T)
type *optional*	Task type.	string

25.5.4. Produces

- `application/json`

25.6. Return CPM supported time zones

```
GET /api/system/timezones/
```

25.6.1. Description

This endpoint returns CPM supported time zones.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

25.6.2. Parameters

Type	Name	Description	Schema
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer

25.6.3. Responses

HTTP Code	Description	Schema
200	OK	< response_system_timezones_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_system_timezones_list

Name	Description	Schema
display_name *optional*	Display name of the resource.	string
id *optional*	Unique ID of the resource.	string

25.6.4. Produces

- `application/json`

25.7. Version information

```
GET /api/system/version/
```

25.7.1. Description

This endpoint returns version information.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

25.7.2. Responses

HTTP Code	Description	Schema
200	OK	response_system_version_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_system_version_list

Name	Description	Schema
api_version *optional*	Version of RESTful API.	string
cpm_version *optional*	Version of CPM server.	string

25.7.3. Produces

- `application/json`

25.8. List volumes occupied percent.

```
GET /api/system/volumes/occupied_percent/
```

25.8.1. Description

This endpoint returns the volumes occupied percent.

Permissions and Restrictions:
* Only root user and his delegates can get the volumes occupied percent.

- *Initial Release:* `1.6.0`
- *Last Modified Version:* `1.6.0`

25.8.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the associated account of user whose occupied percent volumes are to be displayed.	string
Query	**high_watermark** *optional*	Upper limit for volume's occupied percent.	number
Query	**low_watermark** *optional*	Lower limit for volume's occupied percent.	number
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**user** *optional*	ID of the user whose occupied percent volumes are to be displayed.	string

25.8.3. Responses

HTTP Code	Description	Schema
200	OK	response_system_volumes_occupied_percent_list
401	Unauthorized	No Content
403	Forbidden	No Content

response_system_volumes_occupied_percent_list

Name	Description	Schema
aws_instance_id *optional*	Backed up instance id of the volume. None for independent volume.	string
aws_region *optional*	Region of the volume.	string
aws_volume_id *optional*	AWS volume ID of the volume.	string
capacity *optional*	Capacity of the volume.	integer
last_check *optional*	Last time of backup - volumes occupied percent were updated.	string
occupied_percentage *optional*	Occupied percentage of the volume.	integer

25.8.4. Produces

- `application/json`

Chapter 26. Token

26.1. Generate Access & Refresh tokens

```
POST /api/token/obtain/api_key/
```

26.1.1. Description

This endpoint generates Access & Refresh tokens.
* The Access is a short-lived token (1 hour by default) which is used to authenticate later calls for the API.
* The Refresh is a long-lived token (1 day by default) which is used to renew the Access token upon expiration.

- *Initial Release:* 1.0.0
- *Last Modified Version:* 1.0.0

26.1.2. Parameters

Type	Name	Schema
Body	**data_token_obtain_api_key_create** *required*	data_token_obtain_api_key_create

data_token_obtain_api_key_create

Name	Description	Schema
api_key *required*	The API authentication key generated in the UI.	string

26.1.3. Responses

HTTP Code	Description	Schema
200	OK	response_token_obtain_api_key_create
400	Bad Request	No Content
401	Unauthorized	No Content

response_token_obtain_api_key_create

Name	Description	Schema
access *optional*	The short-lived access token.	string

Name	Description	Schema
refresh *optional*	The longer-lived refresh token.	string

26.1.4. Consumes

- `application/json`

26.1.5. Produces

- `application/json`

26.2. Refresh an Access token

```
POST /api/token/refresh/
```

26.2.1. Description

This endpoint generates a brand new Access token with renewed expiration time from the Refresh token.

- *Initial Release:* 1.0.0
- *Last Modified Version:* 1.0.0

26.2.2. Parameters

Type	Name	Schema
Body	**data_token_refresh_create** *required*	data_token_refresh_create

data_token_refresh_create

Name	Description	Schema
refresh *required*	The longer-lived refresh token.	string

26.2.3. Responses

HTTP Code	Description	Schema
200	OK	response_token_refresh_create
400	Bad Request	No Content
401	Unauthorized	No Content

response_token_refresh_create

Name	Description	Schema
access *optional*	The short-lived access token.	string

26.2.4. Consumes

- application/json

26.2.5. Produces

- `application/json`

Chapter 27. Users

27.1. Create a CPM user

```
POST /api/users/
```

27.1.1. Description

This endpoint creates a new CPM user.

Permissions and Restrictions:
* Only the root user can create a new CPM user.
* Maximum number of allowed users is limited by the license.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

27.1.2. Parameters

Type	Name	Schema
Body	**data_users_create** *required*	data_users_create

data_users_create

Name	Description	Schema
email *optional*	Email address.	string
password *required*	Password to authenticate with.	string
profile *required*	User profile.	data_users_create_profile
username *required*	Name can only contain alphanumeric characters, underscore and dash.	string

data_users_create_profile

Name	Description	Schema
allow_cost_explorer *optional*	If set, the user has permission to observe costs of backup snapshots storage.	boolean
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	boolean

Name	Description	Schema
allow_volumes_occupied_percent *optional*	If set, the user has permission to observe volumes occupied percent.	boolean
applied_managed_users *optional*	List of managed users assigned to this user.	< integer > array
is_managed_user *optional*	If set, the user is `managed`, otherwise `independent`.	boolean
max_accounts *optional*	Maximum number of allowed accounts for the user.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Maximum number of allowed DynamoDB (in GiB) for the user.	integer
max_independent_ebs_gib *optional*	Maximum number of allowed independent EBS (in GiB) for the user.	integer
max_instances *optional*	Maximum number of allowed instances for the user.	integer
max_rds_gib *optional*	Maximum number of allowed RDS (in GiB) for the user.	integer
max_redshift_gib *optional*	Maximum number of allowed Redshift (in GiB) for the user.	integer
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

27.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_users_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_users_create

Name	Description	Schema
email *optional*	Email address.	string
id *optional*	Unique ID of the resource in CPM.	integer
num_accounts *optional*	Number of associated accounts.	integer
num_frozen_items *optional*		integer
num_policies *optional*	Number of associated policies.	integer
profile *optional*	User profile.	response_users_create_profile
user_type *optional*	Type of current user.	string
username *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

response_users_create_profile

Name	Description	Schema
allow_cost_explorer *optional*	If set, the user has permission to observe costs of backup snapshots storage.	boolean
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	boolean
allow_volumes_occupied_percent *optional*	If set, the user has permission to observe volumes occupied percent.	boolean
applied_managed_users *optional*	List of managed users assigned to this user.	< integer > array
domain_name *optional*	Domain name of the external identity provider.	string
is_external_authentication *optional*	If set, the user is authenticated by an external identity provider.	boolean
is_managed_user *optional*	If set, the user is `managed`, otherwise `independent`.	boolean
max_accounts *optional*	Maximum number of allowed accounts for the user.	integer
max_controlled_entities *optional*		integer

Name	Description	Schema
max_dynamodb_gib *optional*	Maximum number of allowed DynamoDB (in GiB) for the user.	integer
max_independent_ebs_gib *optional*	Maximum number of allowed independent EBS (in GiB) for the user.	integer
max_instances *optional*	Maximum number of allowed instances for the user.	integer
max_rds_gib *optional*	Maximum number of allowed RDS (in GiB) for the user.	integer
max_redshift_gib *optional*	Maximum number of allowed Redshift (in GiB) for the user.	integer
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

27.1.4. Consumes

- `application/json`

27.1.5. Produces

- `application/json`

27.2. List CPM users

```
GET /api/users/
```

27.2.1. Description

This endpoint returns a list of CPM users.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Only an admin user can get the list of CPM users.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

27.2.2. Parameters

Type	Name	Description	Schema
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * delegate_users * is_external_authentication * managed * managed_users * num_accounts * num_frozen_items * num_policies * user_type * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * username	string

27.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_users_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_users_list

Name	Description	Schema
email *optional*	Email address.	string
id *optional*	Unique ID of the resource in CPM.	integer
num_accounts *optional*	Number of associated accounts.	integer
num_frozen_items *optional*		integer
num_policies *optional*	Number of associated policies.	integer
profile *optional*	User profile.	response_users_list_profile
user_type *optional*	Type of current user.	string
username *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

response_users_list_profile

Name	Description	Schema
allow_cost_explorer *optional*	If set, the user has permission to observe costs of backup snapshots storage.	boolean
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	boolean
allow_volumes_occupied_percent *optional*	If set, the user has permission to observe volumes occupied percent.	boolean
applied_managed_users *optional*	List of managed users assigned to this user.	< integer > array
domain_name *optional*	Domain name of the external identity provider.	string

Name	Description	Schema
is_external_authentication *optional*	If set, the user is authenticated by an external identity provider.	boolean
is_managed_user *optional*	If set, the user is `managed`, otherwise `independent`.	boolean
max_accounts *optional*	Maximum number of allowed accounts for the user.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Maximum number of allowed DynamoDB (in GiB) for the user.	integer
max_independent_ebs_gib *optional*	Maximum number of allowed independent EBS (in GiB) for the user.	integer
max_instances *optional*	Maximum number of allowed instances for the user.	integer
max_rds_gib *optional*	Maximum number of allowed RDS (in GiB) for the user.	integer
max_redshift_gib *optional*	Maximum number of allowed Redshift (in GiB) for the user.	integer
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

27.2.4. Produces

- `application/json`

27.3. Change a CPM user password

```
POST /api/users/me/change_password/
```

27.3.1. Description

Change the password of the current user.

Permissions and Restrictions:
* Authenticated local CPM user can change his own password.
* Password of user authenticated via an external identity provider cannot be changed.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

27.3.2. Parameters

Type	Name	Schema
Body	**data_users_me_change_password** *required*	data_users_me_change_password

data_users_me_change_password

Name	Description	Schema
new_password *required*	New password to set.	string
old_password *required*	Password to be replaced.	string

27.3.3. Responses

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

27.3.4. Consumes

- `application/json`

27.4. Retrieve a CPM user

```
GET /api/users/{id}/
```

27.4.1. Description

This endpoint returns the CPM user whose ID is passed in the URL path.

Permissions and Restrictions:
* Only an admin user can get the requested CPM user.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

27.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

27.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_users_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_users_read

Name	Description	Schema
email *optional*	Email address.	string
id *optional*	Unique ID of the resource in CPM.	integer
num_accounts *optional*	Number of associated accounts.	integer

Name	Description	Schema
num_frozen_items *optional*		integer
num_policies *optional*	Number of associated policies.	integer
profile *optional*	User profile.	response_users_read_profile
user_type *optional*	Type of current user.	string
username *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

response_users_read_profile

Name	Description	Schema
allow_cost_explorer *optional*	If set, the user has permission to observe costs of backup snapshots storage.	boolean
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	boolean
allow_volumes_occupied_percent *optional*	If set, the user has permission to observe volumes occupied percent.	boolean
applied_managed_users *optional*	List of managed users assigned to this user.	< integer > array
domain_name *optional*	Domain name of the external identity provider.	string
is_external_authentication *optional*	If set, the user is authenticated by an external identity provider.	boolean
is_managed_user *optional*	If set, the user is `managed`, otherwise `independent`.	boolean
max_accounts *optional*	Maximum number of allowed accounts for the user.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Maximum number of allowed DynamoDB (in GiB) for the user.	integer
max_independent_ebs_gib *optional*	Maximum number of allowed independent EBS (in GiB) for the user.	integer
max_instances *optional*	Maximum number of allowed instances for the user.	integer

Name	Description	Schema
max_rds_gib *optional*	Maximum number of allowed RDS (in GiB) for the user.	integer
max_redshift_gib *optional*	Maximum number of allowed Redshift (in GiB) for the user.	integer
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

27.4.4. Produces

- `application/json`

27.5. Update a CPM user

```
PUT /api/users/{id}/
```

27.5.1. Description

This endpoint updates the CPM user whose ID is passed in the URL path.

Permissions and Restrictions:
* Only the root user can update other CPM users.
* Root user cannot be updated with `profile` as other users.
* Users authenticated via an external identity provider cannot be updated.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.4.0`

27.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_users_update** *required*	data_users_update

data_users_update

Name	Description	Schema
email *optional*	Email address.	string
profile *required*	User profile.	data_users_update_profile

data_users_update_profile

Name	Description	Schema
allow_cost_explorer *optional*	If set, the user has permission to observe costs of backup snapshots storage.	boolean
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	boolean

Name	Description	Schema
allow_volumes_occupied_percent *optional*	If set, the user has permission to observe volumes occupied percent.	boolean
applied_managed_users *optional*	List of managed users assigned to this user.	< integer > array
is_managed_user *optional*	If set, the user is `managed`, otherwise `independent`.	boolean
max_accounts *optional*	Maximum number of allowed accounts for the user.	integer
max_controlled_entities *optional*		integer
max_dynamodb_gib *optional*	Maximum number of allowed DynamoDB (in GiB) for the user.	integer
max_independent_ebs_gib *optional*	Maximum number of allowed independent EBS (in GiB) for the user.	integer
max_instances *optional*	Maximum number of allowed instances for the user.	integer
max_rds_gib *optional*	Maximum number of allowed RDS (in GiB) for the user.	integer
max_redshift_gib *optional*	Maximum number of allowed Redshift (in GiB) for the user.	integer
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

27.5.3. Responses

HTTP Code	Description	Schema
200	OK	response_users_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_users_update

Name	Description	Schema
email *optional*	Email address.	string
id *optional*	Unique ID of the resource in CPM.	integer
num_accounts *optional*	Number of associated accounts.	integer
num_frozen_items *optional*		integer
num_policies *optional*	Number of associated policies.	integer
profile *optional*	User profile.	response_users_update_profile
user_type *optional*	Type of current user.	string
username *optional*	Name can only contain alphanumeric characters, underscore and dash.	string

response_users_update_profile

Name	Description	Schema
allow_cost_explorer *optional*	If set, the user has permission to observe costs of backup snapshots storage.	boolean
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	boolean
allow_volumes_occupied_percent *optional*	If set, the user has permission to observe volumes occupied percent.	boolean
applied_managed_users *optional*	List of managed users assigned to this user.	< integer > array
domain_name *optional*	Domain name of the external identity provider.	string
is_external_authentication *optional*	If set, the user is authenticated by an external identity provider.	boolean
is_managed_user *optional*	If set, the user is `managed`, otherwise `independent`.	boolean
max_accounts *optional*	Maximum number of allowed accounts for the user.	integer
max_controlled_entities *optional*		integer

Name	Description	Schema
max_dynamodb_gib *optional*	Maximum number of allowed DynamoDB (in GiB) for the user.	integer
max_independent_ebs_gib *optional*	Maximum number of allowed independent EBS (in GiB) for the user.	integer
max_instances *optional*	Maximum number of allowed instances for the user.	integer
max_rds_gib *optional*	Maximum number of allowed RDS (in GiB) for the user.	integer
max_redshift_gib *optional*	Maximum number of allowed Redshift (in GiB) for the user.	integer
vol_storage_alert_watermark *optional*		boolean
vol_storage_high_watermark *optional*		integer
vol_storage_low_watermark *optional*		integer

27.5.4. Consumes

- `application/json`

27.5.5. Produces

- `application/json`

27.6. Delete a CPM user

```
DELETE /api/users/{id}/
```

27.6.1. Description

This endpoint deletes the CPM user whose ID is passed in the URL path. All the associated CPM accounts of the deleted user will **be deleted** as well.

Permissions and Restrictions:
* Only the root user can delete other CPM users.
* Root user cannot be deleted.
* CPM user cannot be deleted if he has delegates.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

27.6.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

27.6.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

27.7. Reset a CPM user password

```
POST /api/users/{id}/reset_password/
```

27.7.1. Description

Reset password of the user whose ID is passed in the URL path.

Permissions and Restrictions:
* Only the root user can reset password of another CPM user.
* Root user cannot reset password for himself.
* Password of users authenticated via an external identity provider cannot be reset.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.0.0`

27.7.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_users_reset_password** *required*	data_users_reset_password

data_users_reset_password

Name	Description	Schema
new_password *required*	New password to set.	string

27.7.3. Responses

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

27.7.4. Consumes

- `application/json`

Chapter 28. Worker_tags

28.1. Create a worker tag

```
POST /api/worker_tags/
```

28.1.1. Description

This endpoint creates a worker tag.

Permissions and Restrictions:
* Any authenticated user can create a new worker tag for himself.
* Root user can also create a new worker tag for the managed users.
* Authenticated delegate user with `allowed_change_account` can create a new worker tag for his original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

28.1.2. Parameters

Type	Name	Schema
Body	**data_worker_tags_create** *required*	data_worker_tags_create

data_worker_tags_create

Name	Description	Schema
account *required*	ID of the account this resource is associated with.	integer
key *required*		string
value *optional*		string

28.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_worker_tags_create
400	Bad Request	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content

response_worker_tags_create

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
id *optional*	Unique ID of the resource in CPM.	integer
key *optional*		string
value *optional*		string

28.1.4. Consumes

- `application/json`

28.1.5. Produces

- `application/json`

28.2. List worker tags

```
GET /api/worker_tags/
```

28.2.1. Description

This endpoint returns a list of worker tags.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own worker tags.
* Root user can also get the worker tags of the managed users.
* Delegates can get the worker tags of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

28.2.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**key** *optional*	None	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * key * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**search** *optional*	Search term to look for in the fields: * key * value	string
Query	**user** *optional*	ID of the owner user.	string

28.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_worker_tags_list > array
401	Unauthorized	No Content
403	Forbidden	No Content

response_worker_tags_list

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
id *optional*	Unique ID of the resource in CPM.	integer
key *optional*		string
value *optional*		string

28.2.4. Produces

- `application/json`

28.3. Retrieve a worker tag

```
GET /api/worker_tags/{id}/
```

28.3.1. Description

This endpoint returns the worker tag for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own worker tags.
* Root user can also get the worker tags of the managed users.
* Delegates can get the worker tags of their original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

28.3.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

28.3.3. Responses

HTTP Code	Description	Schema
200	OK	response_worker_tags_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_worker_tags_read

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
id *optional*	Unique ID of the resource in CPM.	integer
key *optional*		string

Name	Description	Schema
value *optional*		string

28.3.4. Produces

- `application/json`

28.4. Update a worker tag

```
PUT /api/worker_tags/{id}/
```

28.4.1. Description

This endpoint updates the worker tag for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own worker tags.
* Root user can also update worker tags for the managed users.
* Authenticated delegate user with `allowed_change_account` can update worker tags for his original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

28.4.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_worker_tags_update** *required*	data_worker_tags_update

data_worker_tags_update

Name	Description	Schema
account *required*	ID of the account this resource is associated with.	integer
key *required*		string
value *optional*		string

28.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_worker_tags_update
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_worker_tags_update

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
id *optional*	Unique ID of the resource in CPM.	integer
key *optional*		string
value *optional*		string

28.4.4. Consumes

- `application/json`

28.4.5. Produces

- `application/json`

28.5. Delete a worker tag

```
DELETE /api/worker_tags/{id}/
```

28.5.1. Description

This endpoint deletes the worker tag for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own worker tags.
* Root user can also delete worker tags for the managed users.
* Authenticated delegate user with `allowed_change_account` can delete worker tags for his original user.

- *Initial Release:* `1.5.0`
- *Last Modified Version:* `1.5.0`

28.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

28.5.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Chapter 29. Workers

29.1. Create a worker configuration

```
POST /api/workers/
```

29.1.1. Description

This endpoint creates a new worker configuration.

Permissions and Restrictions:
* Any authenticated user can create a new worker configuration for himself.
* Root user can also create a new worker configuration for the managed users.
* Authenticated delegate user with `allowed_change_account` can create a new worker configuration for his original user.
* Maximum number of allowed worker configurations is limited by the license.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.6.0`

29.1.2. Parameters

Type	Name	Schema
Body	**data_workers_create** *required*	data_workers_create

data_workers_create

Name	Description	Schema
account *required*	ID of the account this resource is associated with.	integer
aws_key_pair *optional*	Key pair of worker configuration.	string
aws_security_group *required*	Security group of worker configuration.	string
aws_subnet *optional*	Name of AWS subnet group. If not specified, AWS subnet and availability zone will be `Any`.	string
aws_vpc *required*	VPC of worker configuration.	string
http_proxy_address *optional*	Proxy address if network access via http proxy on worker configuration.	string

Name	Description	Schema
http_proxy_password_encrypted *optional*	Proxy password if network access via http proxy on worker configuration.	string
http_proxy_port *optional*	Proxy port if network access via http proxy on worker configuration.	integer
http_proxy_user_name *optional*	Proxy user name if network access via http proxy on worker configuration.	string
region *required*	Name of the AWS region.	integer
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean

29.1.3. Responses

HTTP Code	Description	Schema
201	Created	response_workers_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_workers_create

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_key_pair *optional*	Key pair of worker configuration.	string
aws_security_group *optional*	Security group of worker configuration.	string
aws_subnet *optional*	Name of AWS subnet group. If not specified, AWS subnet and availability zone will be `Any`.	string
aws_vpc *optional*	VPC of worker configuration.	string
http_proxy_address *optional*	Proxy address if network access via http proxy on worker configuration.	string
http_proxy_port *optional*	Proxy port if network access via http proxy on worker configuration.	integer
http_proxy_user_name *optional*	Proxy user name if network access via http proxy on worker configuration.	string

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
region *optional*	Name of the AWS region.	integer
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean
user *optional*	ID of the owner user.	integer

29.1.4. Consumes

- `application/json`

29.1.5. Produces

- `application/json`

29.2. List worker configurations

```
GET /api/workers/
```

29.2.1. Description

This endpoint returns a list of all worker configurations.

Optional `filters`, `sorting` and `pagination` parameters are listed below.

Permissions and Restrictions:
* Any authenticated user can get his own worker configurations.
* Root user can also get the worker configurations of the managed users.
* Delegates can get the worker configurations of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

29.2.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * account * region * username	string
Query	**page** *optional*	A page number within the paginated result set.	integer
Query	**page_size** *optional*	Number of results to return per page. Pagination is disabled if not specified or set to zero.	integer
Query	**user** *optional*	ID of the owner user.	string

29.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_workers_list > array

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

response_workers_list

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_key_pair *optional*	Key pair of worker configuration.	string
aws_security_group *optional*	Security group of worker configuration.	string
aws_subnet *optional*	Name of AWS subnet group. If not specified, AWS subnet and availability zone will be `Any`.	string
aws_vpc *optional*	VPC of worker configuration.	string
http_proxy_address *optional*	Proxy address if network access via http proxy on worker configuration.	string
http_proxy_port *optional*	Proxy port if network access via http proxy on worker configuration.	integer
http_proxy_user_name *optional*	Proxy user name if network access via http proxy on worker configuration.	string
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
region *optional*	Name of the AWS region.	integer
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean
user *optional*	ID of the owner user.	integer

29.2.4. Produces

- `application/json`

29.3. Start a worker configuration test session

```
POST /api/workers/{configuration_id}/test/
```

29.3.1. Description

This endpoint starts the worker configuration test for the worker configuration passed in the parameters.

Permissions and Restrictions:
* Any authenticated user can test his own worker configuration.
* Root user can also start a worker configuration test for the managed users.
* Authenticated delegate user with `allowed_change_account` can a test worker configuration for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

29.3.2. Parameters

Type	Name	Schema
Path	**configuration_id** *required*	string

29.3.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_workers_test_create
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

response_workers_test_create

Name	Description	Schema
configuration *optional*		integer
end_time *optional*		string

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
session_status *optional*	**Allowed Enum Values** * I (In Progress) * S (Success) * F (Failed)	enum (I, S, F)
start_time *optional*		string
test_session_fail_desc *optional*		string
worker *optional*		integer

29.3.4. Produces

- `application/json`

29.4. Retrieve a worker configuration test session

```
GET /api/workers/{configuration_id}/test/{id}/
```

29.4.1. Description

This endpoint retrieves the worker configuration test session for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can retrieve his own worker configuration test session.
* Root user can also retrieve a worker configuration test session for the managed users.
* Authenticated delegate user with `allowed_change_account` can retrieve a test session worker configuration for his original user.

- *Initial Release:* `1.4.0`
- *Last Modified Version:* `1.4.0`

29.4.2. Parameters

Type	Name	Schema
Path	**configuration_id** *required*	string
Path	**id** *required*	string

29.4.3. Responses

HTTP Code	Description	Schema
200	OK	response_workers_test_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_workers_test_read

Name	Description	Schema
configuration *optional*		integer

Name	Description	Schema
end_time *optional*		string
id *optional*	Unique ID of the resource in CPM.	integer
session_status *optional*	**Allowed Enum Values** * I (In Progress) * S (Success) * F (Failed)	enum (I, S, F)
start_time *optional*		string
test_session_fail_desc *optional*		string
worker *optional*		integer

29.4.4. Produces

- `application/json`

29.5. Retrieve a worker configuration

```
GET /api/workers/{id}/
```

29.5.1. Description

This endpoint returns the worker configuration for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can get his own worker configuration.
* Root user can also get the worker configuration of the managed users.
* Delegates can get the worker configuration of their original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

29.5.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

29.5.3. Responses

HTTP Code	Description	Schema
200	OK	response_workers_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_workers_read

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_key_pair *optional*	Key pair of worker configuration.	string
aws_security_group *optional*	Security group of worker configuration.	string

Name	Description	Schema
aws_subnet *optional*	Name of AWS subnet group. If not specified, AWS subnet and availability zone will be `Any`.	string
aws_vpc *optional*	VPC of worker configuration.	string
http_proxy_address *optional*	Proxy address if network access via http proxy on worker configuration.	string
http_proxy_port *optional*	Proxy port if network access via http proxy on worker configuration.	integer
http_proxy_user_name *optional*	Proxy user name if network access via http proxy on worker configuration.	string
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
region *optional*	Name of the AWS region.	integer
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean
user *optional*	ID of the owner user.	integer

29.5.4. Produces

- `application/json`

29.6. Update worker configuration

```
PUT /api/workers/{id}/
```

29.6.1. Description

This endpoint updates the worker configuration for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can update his own worker configuration.
* Root user can also update a worker configuration for the managed users.
* Authenticated delegate user with `allowed_change_account` can update a worker configuration for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.6.0`

29.6.2. Parameters

Type	Name	Schema
Path	**id** *required*	string
Body	**data_workers_update** *required*	data_workers_update

data_workers_update

Name	Description	Schema
account *required*	ID of the account this resource is associated with.	integer
aws_key_pair *optional*	Key pair of worker configuration.	string
aws_security_group *required*	Security group of worker configuration.	string
aws_subnet *optional*	Name of AWS subnet group. If not specified, AWS subnet and availability zone will be `Any`.	string
aws_vpc *required*	VPC of worker configuration.	string
http_proxy_address *optional*	Proxy address if network access via http proxy on worker configuration.	string

Name	Description	Schema
http_proxy_password_encrypted *optional*	Proxy password if network access via http proxy on worker configuration.	string
http_proxy_port *optional*	Proxy port if network access via http proxy on worker configuration.	integer
http_proxy_user_name *optional*	Proxy user name if network access via http proxy on worker configuration.	string
region *required*	Name of the AWS region.	integer
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean

29.6.3. Responses

HTTP Code	Description	Schema
200	OK	response_workers_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_workers_update

Name	Description	Schema
account *optional*	ID of the account this resource is associated with.	integer
aws_key_pair *optional*	Key pair of worker configuration.	string
aws_security_group *optional*	Security group of worker configuration.	string
aws_subnet *optional*	Name of AWS subnet group. If not specified, AWS subnet and availability zone will be `Any`.	string
aws_vpc *optional*	VPC of worker configuration.	string
http_proxy_address *optional*	Proxy address if network access via http proxy on worker configuration.	string
http_proxy_port *optional*	Proxy port if network access via http proxy on worker configuration.	integer

Name	Description	Schema
http_proxy_user_name *optional*	Proxy user name if network access via http proxy on worker configuration.	string
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string
region *optional*	Name of the AWS region.	integer
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean
user *optional*	ID of the owner user.	integer

29.6.4. Consumes

- `application/json`

29.6.5. Produces

- `application/json`

29.7. Delete a worker configuration

```
DELETE /api/workers/{id}/
```

29.7.1. Description

This endpoint deletes the worker configuration for the ID passed in the URL path.

Permissions and Restrictions:
* Any authenticated user can delete his own worker configuration.
* Root user can also delete a worker configuration for the managed users.
* Authenticated delegate user with `allowed_change_account` can a delete worker configuration for his original user.

- *Initial Release:* `1.1.0`
- *Last Modified Version:* `1.1.0`

29.7.2. Parameters

Type	Name	Schema
Path	**id** *required*	string

29.7.3. Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content