CPM RESTful API

API Version: 1.3.0

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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
```

```
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
1.3.0	2.6.0
1.2.0	2.5.0
1.1.0	2.4.0
1.0.0	2.3.0

3.1. Version 1.3.0

3.1.1. New APIs

- POST /accounts/backup/{id}/clone_vpc/
- DELETE /accounts/{id}/
- DELETE /accounts/{id}/snapshots/
- POST /backups/{backup_id}/copy_to_glacier/abort/
- 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_id}/recover/
- POST /backups/{backup_id}/snapshots/instances/{snapshot_id}/recover/
- POST /backups/{backup_id}/snapshots/instances/{snapshot_id}/recover_from_s3/
- POST /backups/{backup_id}/snapshots/instances/{snapshot_id}/retrieve_from_glacier/
- 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/
- POST /recoveries/{recovery_id}/retrieve_from_glacier/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/

3.1.2. Modified APIs

- GET /backups/
- GET /backups/{id}/
- POST /policies/
- GET /policies/{id}/

- GET /policies/{id}/copy_to_s3/
- PUT /policies/{id}/copy_to_s3/
- DELETE /policies/{id}/snapshots/
- GET /policies/{policy_id}/targets/dynamodb_tables/
- GET /policies/{policy_id}/targets/dynamodb_tables/{id}/
- GET /recoveries/
- GET /recoveries/{id}/
- GET /reports/audit/
- GET /reports/backups/
- GET /reports/protected-resources/
- GET /reports/snapshots/
- GET /reports/usage/
- GET /reports/usage/anonymized/
- GET /s3_repositories/
- GET /s3_repositories/{id}/
- GET /settings/notifications/
- POST /settings/notifications/
- GET /system/support_logs/

3.1.3. Deprecated APIs

- GET /reports/usage/

3.2. Version 1.2.0

3.2.1. New APIs

- GET /accounts/{id}/
- GET /alerts/
- DELETE /alerts/
- GET /alerts/{id}/
- DELETE /alerts/{id}/
- POST /backups/{backup_id}/snapshots/dr_volumes/{snapshot_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_id}/recover/
- POST /backups/{backup_id}/snapshots/volumes/{snapshot_id}/recover_from_s3/
- 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/

3.2.2. Modified APIs

- GET /policies/{policy_id}/targets/instances/
- POST /policies/{policy_id}/targets/instances/
- GET /policies/{policy_id}/targets/instances/{id}/
- PUT /policies/{policy_id}/targets/instances/{id}/
- DELETE /policies/{policy_id}/targets/instances/{id}/

3.3. Version 1.1.0

3.3.1. 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_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_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_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_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_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_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/
- GET /settings/identity_provider/groups/delegates/
- POST /settings/identity_provider/groups/delegates/
- GET /settings/identity_provider/groups/delegates/{id}/
- PUT /settings/identity_provider/groups/delegates/{id}/
- DELETE /settings/identity_provider/groups/delegates/{id}/
- GET /settings/identity_provider/groups/users/
- POST /settings/identity_provider/groups/users/
- GET /settings/identity_provider/groups/users/{id}/
- PUT /settings/identity_provider/groups/users/{id}/
- 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}/

3.3.2. Modified APIs

- GET /users/
- POST /users/
- GET /users/{id}/
- PUT /users/{id}/

3.3.3. Deprecated APIs

- GET /freezer/

3.4. Version 1.0.0

3.4.1. New APIs

- GET /accounts/
- 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/
- POST /policies/{policy_id}/targets/instances/
- GET /policies/{policy_id}/targets/instances/{id}/
- PUT /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/
- GET /regions/
- GET /reports/audit/
- GET /reports/backups/
- GET /reports/protected-resources/
- GET /reports/snapshots/
- 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:* `1.0.0`
- *Last Modified Version:* `1.0.0`

4.1.2. Parameters

Type	Name	Description	Schema
Query	**name** *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	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
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) * 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 and underscore and dash (no spaces or slashes).	string

Name	Description	Schema
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_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:* `1.0.0`

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 and underscore and dash (no spaces or slashes).	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_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

HTTP Code	Description	Schema
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
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) * 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 and underscore and dash (no spaces or slashes).	string
role_name *optional*	Role name, not the full ARN of the role.	string

Name	Description	Schema
scan_regions *optional*	Region in which to scan resources. If not set, a `default` region will be applied.	< 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:* `1.0.0`

4.3.2. Parameters

Type	Name	Description	Schema
Query	**name** *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	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
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) * 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 and underscore and dash (no spaces or slashes).	string

Name	Description	Schema
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_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:* `1.0.0`

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

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) * 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 and underscore and dash (no spaces or slashes).	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_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:* `1.0.0`

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 and underscore and dash (no spaces or slashes).	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_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
401	Unauthorized	No Content

HTTP Code	Description	Schema
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
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) * 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 and underscore and dash (no spaces or slashes).	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

Name	Description	Schema
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. Run clone VPC for selected backup account

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

4.7.1. 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.

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

4.7.2. 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
from_vpc *required*	The AWS ID of the source VPC.	string
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

4.7.3. Responses

HTTP Code	Description	Schema
201	Created	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
from_vpc *optional*	The AWS ID of the source VPC.	string
to_account *optional*	Destination account ID for VPC clone operation.	integer
to_region *optional*	Destination region for VPC clone operation.	string
to_vpc *optional*	Newly cloned VPC name.	string

4.7.4. Consumes

- `application/json`

4.7.5. Produces

- `application/json`

4.8. Delete all snapshots of a CPM backup account

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

4.8.1. 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`

4.8.2. Parameters

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

4.8.3. 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

4.9. Create a CPM DR account

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

4.9.1. 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`

4.9.2. 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 and underscore and dash (no spaces or slashes).	string
role_name *optional*	Role name, not the full ARN of the role.	string
user *required*	ID of the owner user.	integer

4.9.3. 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
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) * 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 and underscore and dash (no spaces or slashes).	string
role_name *optional*	Role name, not the full ARN of the role.	string
user *optional*	ID of the owner user.	integer

4.9.4. Consumes

- `application/json`

4.9.5. Produces

- `application/json`

4.10. List CPM DR accounts

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

4.10.1. 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`

4.10.2. Parameters

Type	Name	Description	Schema
Query	**name** *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	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

4.10.3. 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
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) * 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 and underscore and dash (no spaces or slashes).	string

Name	Description	Schema
role_name *optional*	Role name, not the full ARN of the role.	string
user *optional*	ID of the owner user.	integer

4.10.4. Produces

- `application/json`

4.11. Retrieve a CPM DR account

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

4.11.1. 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`

4.11.2. Parameters

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

4.11.3. 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

Name	Description	Schema
allow_deleting_snapshots *optional*	Delete snapshots in the `DR` account.	boolean
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) * 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 and underscore and dash (no spaces or slashes).	string
role_name *optional*	Role name, not the full ARN of the role.	string
user *optional*	ID of the owner user.	integer

4.11.4. Produces

- `application/json`

4.12. Update a CPM DR account

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

4.12.1. 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`

4.12.2. 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 and underscore and dash (no spaces or slashes).	string
role_name *optional*	Role name, not the full ARN of the role.	string

4.12.3. 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
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) * 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 and underscore and dash (no spaces or slashes).	string
role_name *optional*	Role name, not the full ARN of the role.	string
user *optional*	ID of the owner user.	integer

4.12.4. Consumes

- `application/json`

4.12.5. Produces

- `application/json`

4.13. Delete a CPM DR account

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

4.13.1. 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`

4.13.2. Parameters

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

4.13.3. Responses

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

4.14. Delete all snapshots of a CPM DR account

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

4.14.1. 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`

4.14.2. Parameters

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

4.14.3. 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

4.15. Retrieve a CPM account

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

4.15.1. 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:* `1.2.0`

4.15.2. Parameters

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

4.15.3. 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

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) * 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 and underscore and dash (no spaces or slashes).	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_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

4.15.4. Produces

- `application/json`

4.16. Delete a CPM account

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

4.16.1. 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`

4.16.2. 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. Delete all snapshots of a CPM account

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

4.17.1. 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`

4.17.2. Parameters

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

4.17.3. 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 and underscore and dash (no spaces or slashes).	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 and underscore and dash (no spaces or slashes).	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`

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

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
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:* `1.3.0`

7.1.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this backup is associated with.	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
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	**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	**status** *optional*	Backup's status.	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

Name	Description	Schema
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_freezer_item *optional*	Whether this backup item was moved to freezer or not.	boolean
is_recoverable *optional*	Can this backup be recovered.	string
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 and underscore and dash (no spaces or slashes).	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

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)	enum (I, P, B, A, S, D, F, M)
user *optional*	ID of the owner user.	integer

response_backups_list_s3_copy_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the copy to S3.	string
status *optional*	Status of the copy to S3. **Allowed Enum Values** * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped) * G (Moved to Glacier)	enum (I, P, S, V, F, A, R, X, D, K, G)

7.1.4. Produces

- `application/json`

7.2. Abort an on going backup copy to Glacier

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

7.2.1. Description

This endpoint aborts an on going backup copy to Glacier.

Permissions and Restrictions:
* Any authenticated user with change backup and Veeam 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. Abort an on going backup copy to S3

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

7.3.1. Description

This endpoint aborts an on going backup copy to S3.

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

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

7.3.2. Parameters

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

7.3.3. Responses

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

7.4. List backup snapshots

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

7.4.1. 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:* `1.1.0`

7.4.2. Parameters

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

7.4.3. 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

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

7.4.4. Produces

- `application/json`

7.5. Delete all snapshots of a backup record

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

7.5.1. 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`

7.5.2. Parameters

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

7.5.3. Responses

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

7.6. List the S3 copies of a backup record

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

7.6.1. 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:* `1.1.0`

7.6.2. 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_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.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.6.3. 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_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.	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_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
username *optional*	Associated user's username.	string

7.6.4. Produces

- `application/json`

7.7. Retrieve a S3 copy of a backup record

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

7.7.1. 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:* `1.1.0`

7.7.2. Parameters

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

7.7.3. 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_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
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.	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
username *optional*	Associated user's username.	string

7.7.4. Produces

- `application/json`

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

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

7.8.1. 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:* `1.1.0`

7.8.2. 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

7.8.3. 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_name *optional*		string
aws_image_id *optional*	Initial AMI 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

7.8.4. Produces

- `application/json`

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

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

7.9.1. 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:* `1.1.0`

7.9.2. Parameters

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

7.9.3. 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_name *optional*		string
aws_image_id *optional*	Initial AMI 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

7.9.4. Produces

- `application/json`

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

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

7.10.1. 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`

7.10.2. Parameters

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

7.10.3. Responses

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

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

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

7.11.1. 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:* `1.1.0`

7.11.2. 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_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
Query	**region** *optional*	Snapshot's region.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.11.3. 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_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
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

Name	Description	Schema
region *optional*	Snapshot's region.	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

7.11.4. Produces

- `application/json`

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

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

7.12.1. 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:* `1.1.0`

7.12.2. Parameters

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

7.12.3. 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_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
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
region *optional*	Snapshot's region.	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

7.12.4. Produces

- `application/json`

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

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

7.13.1. 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`

7.13.2. Parameters

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

7.13.3. Responses

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

7.14. Recover DR RDS cluster from backup

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

7.14.1. 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.

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

7.14.2. Parameters

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

Name	Description	Schema
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_id *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

7.14.3. 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
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string

Name	Description	Schema
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string

Name	Description	Schema
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.14.4. Consumes

- `application/json`

7.14.5. Produces

- `application/json`

7.15. List the DR RDS snapshots of a backup record

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

7.15.1. 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:* `1.1.0`

7.15.2. 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_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.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.15.3. 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_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
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

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

7.15.4. Produces

- `application/json`

7.16. Retrieve a DR RDS snapshot of a backup record

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

7.16.1. 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:* `1.1.0`

7.16.2. Parameters

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

7.16.3. 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_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
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
region *optional*	Snapshot's region.	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

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

7.16.4. Produces

- `application/json`

7.17. Delete a DR RDS snapshot of backup record

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

7.17.1. 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`

7.17.2. Parameters

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

7.17.3. Responses

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

7.18. Recover DR RDS databases from backup

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

7.18.1. 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.

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

7.18.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_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_class *optional*	AWS resource type.	string
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*		string
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	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
storage_type *optional*	Storage type. If type is not 'io1', iops = 0 **Allowed Enum Values** * standard (Magnetic) * io1 (Provisioned IOPS SSD) * gp2 (General Purpose SSD)	enum (standard, io1, gp2)
subnet_group_name *optional*	Name of the subnet group where the resource will be restored.	string
to_account_id *optional*		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

7.18.3. Responses

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

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

response_backups_snapshots_dr_rds_databases_recover_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_dr_rds_databases_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_dr_rds_databases_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.18.4. Consumes

- `application/json`

7.18.5. Produces

- `application/json`

7.19. List the DR volume snapshots of a backup record

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

7.19.1. 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:* `1.1.0`

7.19.2. 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_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.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

7.19.3. 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_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
dr_account *optional*		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_snap *optional*		string
policy_name *optional*	Associated policy name.	string

Name	Description	Schema
region *optional*	Snapshot's region.	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

7.19.4. Produces

- `application/json`

7.20. Retrieve a DR volume snapshot of a backup record

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

7.20.1. 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:* `1.1.0`

7.20.2. Parameters

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

7.20.3. 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_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
deletion_time *optional*	Time of the snapshot's deletion.	string
dr_account *optional*		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_snap *optional*		string
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region.	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

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

7.20.4. Produces

- `application/json`

7.21. Delete a DR volume snapshot of a backup record

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

7.21.1. 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`

7.21.2. Parameters

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

7.21.3. Responses

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

7.22. Recover DR volume from backup

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

7.22.1. 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.

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

7.22.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_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)
attach_to *optional*	AWS instance ID to attach the newly recovered volume.	string
aws_resource_type *optional*	Type of the EBS volume.	string

Name	Description	Schema
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.	string
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

7.22.3. 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_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.22.4. Consumes

- `application/json`

7.22.5. Produces

- `application/json`

7.23. List the DynamoDB table snapshots of a backup record

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

7.23.1. 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:* `1.1.0`

7.23.2. 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_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.	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

7.23.3. 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_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

Name	Description	Schema
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region.	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

7.23.4. Produces

- `application/json`

7.24. Retrieve a DynamoDB table snapshot of a backup record

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

7.24.1. 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:* `1.1.0`

7.24.2. Parameters

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

7.24.3. 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_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.	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

Name	Description	Schema
username *optional*	Associated user's username.	string

7.24.4. Produces

- `application/json`

7.25. Delete a DynamoDB table snapshot of a backup record

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

7.25.1. 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`

7.25.2. Parameters

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

7.25.3. Responses

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

7.26. Recover DynamoDB table from backup

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

7.26.1. 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.

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

7.26.2. Parameters

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

7.26.3. 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_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_dynamodb_tables_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_dynamodb_tables_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.26.4. Consumes

- `application/json`

7.26.5. Produces

- `application/json`

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

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

7.27.1. 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:* `1.3.0`

7.27.2. 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_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.	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

7.27.3. 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_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

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*	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.	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

7.27.4. Produces

- `application/json`

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

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

7.28.1. 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:* `1.3.0`

7.28.2. Parameters

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

7.28.3. 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_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.	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*	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

7.28.4. Produces

- `application/json`

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

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

7.29.1. 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`

7.29.2. Parameters

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

7.29.3. Responses

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

7.30. Recover Elastic File System (EFS) from backup

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

7.30.1. 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.

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

7.30.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_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
iam_role_arn *optional*	Recovery IAM role ARN	string

Name	Description	Schema
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

7.30.3. 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
backup_record *optional*	Recovery's source backup ID.	integer

Name	Description	Schema
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string

Name	Description	Schema
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.30.4. Consumes

- `application/json`

7.30.5. Produces

- `application/json`

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

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

7.31.1. 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:* `1.1.0`

7.31.2. 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

7.31.3. 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

7.31.4. Produces

- `application/json`

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

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

7.32.1. 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`

7.32.2. Parameters

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

7.32.3. 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
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

7.32.4. Produces

- `application/json`

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

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

7.33.1. 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:* `1.1.0`

7.33.2. Parameters

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

7.33.3. Responses

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

7.34. List all instances of a backup record

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

7.34.1. 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:* `1.2.0`

7.34.2. 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

7.34.3. 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
aws_architecture *optional*	Instance's AWS architecture.	string
aws_image_id *optional*	Initial AMI ID.	string
aws_root_device *optional*	Instance's root device.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
backed_up_resource_name *optional*	Instance's AWS name.	string
id *optional*	Unique ID of the resource in CPM.	integer
platform *optional*	Instance's platform.	string
region *optional*	Snapshot's DR region.	string

7.34.4. Produces

- `application/json`

7.35. Retrieve an instance of a backup record

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

7.35.1. 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:* `1.2.0`

7.35.2. Parameters

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

7.35.3. 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
aws_architecture *optional*	Instance's AWS architecture.	string

Name	Description	Schema
aws_image_id *optional*	Initial AMI ID.	string
aws_root_device *optional*	Instance's root device.	string
backed_up_resource_id *optional*	Snapshot's AWS ID.	string
backed_up_resource_name *optional*	Instance's AWS name.	string
id *optional*	Unique ID of the resource in CPM.	integer
platform *optional*	Instance's platform.	string
region *optional*	Snapshot's DR region.	string

7.35.4. Produces

- `application/json`

7.36. Return AMI of instance of a backup record

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

7.36.1. 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`

7.36.2. 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

7.36.3. 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

7.36.4. Produces

- `application/json`

7.37. List AWS additional nics for instance

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

7.37.1. 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`

7.37.2. 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

7.37.3. 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

7.37.4. Produces

- `application/json`

7.38. Return similar AMI of instance of a backup record

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

7.38.1. 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`

7.38.2. 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

7.38.3. Responses

HTTP Code	Description	Schema
200	OK	< response_backups_snapshots_instances_find_similar_ami_list > array
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

7.38.4. Produces

- `application/json`

7.39. Recover instance from backup

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

7.39.1. 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.

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

7.39.2. Parameters

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

Name	Description	Schema
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.)	enum (i386, x86_64)
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)
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
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_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 weather 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.) * 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, gp2, st1, sc1)

7.39.3. 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_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.39.4. Consumes

- `application/json`

7.39.5. Produces

- `application/json`

7.40. Recover instance from S3

```
POST /api/backups/{backup_id}/snapshots/instances/{snapshot_id}/recover_from_s3/
```

7.40.1. 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.

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

7.40.2. Parameters

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

Name	Description	Schema
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.)	enum (i386, x86_64)
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)
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
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

Name	Description	Schema
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
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
worker_configuration *optional*		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_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 weather 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.) * 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, gp2, st1, sc1)

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
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

7.40.3. Responses

HTTP Code	Description	Schema
202	Accepted	response_backups_snapshots_instances_recover_from_s3_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_instances_recover_from_s3_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_instances_recover_from_s3_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_from_s3_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.40.4. Consumes

- `application/json`

7.40.5. Produces

- `application/json`

7.41. Retrieve S3 instance backup from Glacier

```
POST /api/backups/{backup_id}/snapshots/instances/{snapshot_id}/retrieve_from_glacier/
```

7.41.1. Description

This endpoint retrieve S3 instance backup from Glacier for the ID passed in the URL path.

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

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

7.41.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_id** *required*	string
Body	**data_backups_snapshots_instances_retrieve_from_glacier_create** *required*	data_backups_snapshots_instances_retrieve_from_glacier_create

data_backups_snapshots_instances_retrieve_from_glacier_create

Name	Description	Schema
keep_in_s3_duration_in_days *optional*	Keep retrieved data in S3 for given days	integer
retrieval_time_option *optional*	There are three options for retrieving data with varying access times and cost: Expedited, Standard, and Bulk retrievals **Allowed Enum Values** * E (Expedited) * S (Standard) * B (Bulk)	enum (E, S, B)

7.41.3. Responses

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

response_backups_snapshots_instances_retrieve_from_glacier_create

Name	Description	Schema
account *optional*	Recovery associated user.	integer
backup_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)

Name	Description	Schema
s3_recover_status *optional*	Recover from S3 status (license dependent).	response_backups_snapshots_instances_retrieve_from_glacier_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_retrieve_from_glacier_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.41.4. Consumes

- `application/json`

7.41.5. Produces

- `application/json`

7.42. List the `AMIs Only` snapshots of a backup record

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

7.42.1. 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:* `1.1.0`

7.42.2. 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

7.42.3. 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_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

7.42.4. Produces

- `application/json`

7.43. Retrieve an `AMIs Only` snapshot of a backup record

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

7.43.1. 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:* `1.1.0`

7.43.2. Parameters

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

7.43.3. 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_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

7.43.4. Produces

- `application/json`

7.44. Delete an `AMIs Only` snapshot of a backup record

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

7.44.1. 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`

7.44.2. Parameters

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

7.44.3. Responses

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

7.45. List the DR `AMIs Only` snapshots of a backup record

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

7.45.1. 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:* `1.1.0`

7.45.2. 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

7.45.3. 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_name *optional*		string
aws_image_id *optional*	Initial AMI 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

7.45.4. Produces

- `application/json`

7.46. Retrieve an DR `AMIs Only` snapshot of a backup record

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

7.46.1. 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:* `1.1.0`

7.46.2. Parameters

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

7.46.3. 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_name *optional*		string

Name	Description	Schema
aws_image_id *optional*	Initial AMI 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

7.46.4. Produces

- `application/json`

7.47. Delete a DR `AMIs Only` snapshot of a backup record

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

7.47.1. 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`

7.47.2. Parameters

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

7.47.3. Responses

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

7.48. List the RDS cluster snapshots of a backup record

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

7.48.1. 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:* `1.1.0`

7.48.2. 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_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.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

Type	Name	Description	Schema
Query	**user** *optional*	ID of the owner user.	string

7.48.3. 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_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
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
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region.	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
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.48.4. Produces

- `application/json`

7.49. Retrieve a RDS cluster snapshot of a backup record

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

7.49.1. 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:* `1.1.0`

7.49.2. Parameters

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

7.49.3. 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_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
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.	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
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean

Name	Description	Schema
username *optional*	Associated user's username.	string

7.49.4. Produces

- `application/json`

7.50. Delete a RDS cluster snapshot of a backup record

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

7.50.1. 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`

7.50.2. Parameters

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

7.50.3. Responses

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

7.51. Recover RDS cluster from backup

```
POST /api/backups/{backup_id}/snapshots/rds_clusters/{snapshot_id}/recover/
```

7.51.1. 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.

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

7.51.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_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
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
instance_type *optional*	Contains the compute and memory capacity of the DB Instance.	string

Name	Description	Schema
subnet_group_name *optional*	Name of the subnet group where the resource will be restored.	string
to_account_id *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

7.51.3. 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_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.51.4. Consumes

- `application/json`

7.51.5. Produces

- `application/json`

7.52. List the RDS snapshots of a backup record

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

7.52.1. 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:* `1.1.0`

7.52.2. 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_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.	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

7.52.3. 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_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.	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
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.52.4. Produces

- `application/json`

7.53. Retrieve a RDS snapshot of a backup record

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

7.53.1. 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:* `1.1.0`

7.53.2. Parameters

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

7.53.3. 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_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
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.	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

7.53.4. Produces

- `application/json`

7.54. Delete a RDS snapshot of a backup record

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

7.54.1. 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`

7.54.2. Parameters

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

7.54.3. Responses

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

7.55. Recover RDS databases from backup

```
POST /api/backups/{backup_id}/snapshots/rds_databases/{snapshot_id}/recover/
```

7.55.1. 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.

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

7.55.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_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_class *optional*	AWS resource type.	string
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*		string
iops *optional*	Number of IOPS.	integer
multi_az *optional*	Whether to launch the resource in a multi-AZ configuration or not.	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
storage_type *optional*	Storage type. If type is not 'io1', iops = 0 **Allowed Enum Values** * standard (Magnetic) * io1 (Provisioned IOPS SSD) * gp2 (General Purpose SSD)	enum (standard, io1, gp2)
subnet_group_name *optional*	Name of the subnet group where the resource will be restored.	string
to_account_id *optional*		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

7.55.3. 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_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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)

Name	Description	Schema
user *optional*	ID of the owner user.	integer

response_backups_snapshots_rds_databases_recover_create_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.55.4. Consumes

- `application/json`

7.55.5. Produces

- `application/json`

7.56. List the Redshift cluster snapshots of a backup record

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

7.56.1. 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:* `1.1.0`

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_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.	string
Query	**to_time** *optional*	Include snapshots belonging to backups which started up until this time.	string

Type	Name	Description	Schema
Query	**user** *optional*	ID of the owner user.	string

7.56.3. 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_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
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
policy_name *optional*	Associated policy name.	string
region *optional*	Snapshot's region.	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

7.56.4. Produces

- `application/json`

7.57. Retrieve a Redshift cluster snapshot of a backup record

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

7.57.1. 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:* `1.1.0`

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_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_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
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.	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

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

7.57.4. Produces

- `application/json`

7.58. Delete a Redshift cluster snapshot of a backup record

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

7.58.1. 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`

7.58.2. 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 Redshift cluster from backup

```
POST /api/backups/{backup_id}/snapshots/redshift_clusters/{snapshot_id}/recover/
```

7.59.1. 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.

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

7.59.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_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
port *optional*	Port number on which the database accepts connections.	integer

Name	Description	Schema
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

7.59.3. 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_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer

Name	Description	Schema
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.59.4. Consumes

- `application/json`

7.59.5. Produces

- `application/json`

7.60. List the volume snapshots of a backup record

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

7.60.1. 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:* `1.1.0`

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_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.	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

7.60.3. 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_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.	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
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

7.60.4. Produces

- `application/json`

7.61. Retrieve a volume snapshot of a backup record

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

7.61.1. 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:* `1.1.0`

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_volumes_read
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_backups_snapshots_volumes_read

Name	Description	Schema
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
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.	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

7.61.4. Produces

- `application/json`

7.62. Delete a volume snapshot of a backup record

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

7.62.1. 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`

7.62.2. 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 volume from backup

```
POST /api/backups/{backup_id}/snapshots/volumes/{snapshot_id}/recover/
```

7.63.1. 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.

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

7.63.2. Parameters

Type	Name	Schema
Path	**backup_id** *required*	string
Path	**snapshot_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)
attach_to *optional*	AWS instance ID to attach the newly recovered volume.	string
aws_resource_type *optional*	Type of the EBS volume.	string

Name	Description	Schema
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.	string
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

7.63.3. 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_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.63.4. Consumes

- `application/json`

7.63.5. Produces

- `application/json`

7.64. Recover s3 volume from backup

```
POST /api/backups/{backup_id}/snapshots/volumes/{snapshot_id}/recover_from_s3/
```

7.64.1. 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.

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

7.64.2. Parameters

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

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_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
to_account *optional*	Restore to account.	string
worker_configuration *optional*		data_backups_snapshots_volumes_recover_from_s3_create_worker_configuration
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_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
requires_http_proxy *optional*	Specify if network access via http proxy on worker configuration.	boolean

7.64.3. 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_record *optional*	Recovery's source backup ID.	integer

Name	Description	Schema
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string

Name	Description	Schema
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

7.64.4. Consumes

- `application/json`

7.64.5. Produces

- `application/json`

7.65. Move a backup record to the freezer

```
POST /api/backups/{backup_id}/to_freezer/
```

7.65.1. 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`

7.65.2. 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

7.65.3. 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 and underscore and dash (no spaces or slashes).	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)	enum (I, P, B, A, S, D, F, M)
user *optional*	ID of the owner user.	integer

7.65.4. Consumes

- `application/json`

7.65.5. Produces

- `application/json`

7.66. Retrieve a CPM backup record

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

7.66.1. 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`

7.66.2. Parameters

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

7.66.3. 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

Name	Description	Schema
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_freezer_item *optional*	Whether this backup item was moved to freezer or not.	boolean
is_recoverable *optional*	Can this backup be recovered.	string
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 and underscore and dash (no spaces or slashes).	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)	enum (I, P, B, A, S, D, F, M)
user *optional*	ID of the owner user.	integer

response_backups_read_s3_copy_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the copy to S3.	string
status *optional*	Status of the copy to S3. **Allowed Enum Values** * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped) * G (Moved to Glacier)	enum (I, P, S, V, F, A, R, X, D, K, G)

7.66.4. Produces

- `application/json`

7.67. Update a CPM freezer backup record

```
PUT /api/backups/{id}/
```

7.67.1. 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`

7.67.2. 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 and underscore and dash (no spaces or slashes).	string

7.67.3. Responses

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

HTTP Code	Description	Schema
401	Unauthorized	No Content
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
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.	string
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 and underscore and dash (no spaces or slashes).	string
performed_quiecse *optional*	Whether quiesce was performed or not.	boolean

Name	Description	Schema
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)	enum (I, P, B, A, S, D, F, M)
user *optional*	ID of the owner user.	integer

response_backups_update_s3_copy_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the copy to S3.	string
status *optional*	Status of the copy to S3. **Allowed Enum Values** * I (Initializing) * P (In Progress) * S (Completed Successfully) * V (All valid targets copied) * F (Failed) * A (Aborted) * R (Partially copied) * X (Expired) * D (All Snapshots Deleted) * K (Skipped) * G (Moved to Glacier)	enum (I, P, S, V, F, A, R, X, D, K, G)

7.67.4. Consumes

- `application/json`

7.67.5. Produces

- `application/json`

7.68. Delete a CPM freezer backup record

```
DELETE /api/backups/{id}/
```

7.68.1. 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`

7.68.2. Parameters

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

7.68.3. Responses

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

7.69. List the selected logs

```
GET /api/backups/{id}/logs/
```

7.69.1. 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`

7.69.2. Parameters

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

7.69.3. 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

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

7.69.4. Produces

- `application/json`
- `text/csv`

Chapter 8. Delegates

8.1. Create a CPM delegate user

```
POST /api/delegates/
```

8.1.1. 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:* `1.0.0`

8.1.2. 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 and underscore and dash (no spaces or slashes).	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
original_user *required*	ID of the user whose environment this delegate can access.	integer

8.1.3. 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
profile *optional*	User profile.	response_delegates_create_profile
username *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	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

Name	Description	Schema
allow_recovery *optional*	If set, the user has permission to perform recovery operations.	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

8.1.4. Consumes

- `application/json`

8.1.5. Produces

- `application/json`

8.2. List CPM delegate users

```
GET /api/delegates/
```

8.2.1. 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:* `1.0.0`

8.2.2. 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

8.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_delegates_list > array
401	Unauthorized	No Content

HTTP Code	Description	Schema
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
profile *optional*	User profile.	response_delegates_list_profile
username *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	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
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

8.2.4. Produces

- `application/json`

8.3. Retrieve a CPM delegate user

```
GET /api/delegates/{id}/
```

8.3.1. 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:* `1.0.0`

8.3.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*	A unique integer value identifying this user.	integer

8.3.3. 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
profile *optional*	User profile.	response_delegates_read_profile

Name	Description	Schema
username *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	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
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

8.3.4. Produces

- `application/json`

8.4. Update a CPM delegate user

```
PUT /api/delegates/{id}/
```

8.4.1. 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:* `1.0.0`

8.4.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*	A unique integer value identifying this user.	integer
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

8.4.3. 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
profile *optional*	User profile.	response_delegates_update_profile
username *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	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
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
original_user *optional*	ID of the user whose environment this delegate can access.	integer

8.4.4. Consumes

- `application/json`

8.4.5. Produces

- `application/json`

8.5. Delete a CPM delegate user

```
DELETE /api/delegates/{id}/
```

8.5.1. 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`

8.5.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*	A unique integer value identifying this user.	integer

8.5.3. 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

8.6. Reset a CPM delegate user password

```
POST /api/delegates/{id}/reset_password/
```

8.6.1. 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`

8.6.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*	A unique integer value identifying this user.	integer
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

8.6.3. Responses

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

8.6.4. Consumes

- `application/json`

Chapter 9. Explore_sessions

9.1. Create an explore session

```
POST /api/explore_sessions/
```

9.1.1. 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:* `1.3.0`

9.1.2. 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
region *optional*	ID of a region to restore from.	integer

9.1.3. 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
attached_volume_ids *optional*	AWS IDs of attached volumes.	string
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
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)

9.1.4. Consumes

- `application/json`

9.1.5. Produces

- `application/json`

9.2. List explore sessions

```
GET /api/explore_sessions/
```

9.2.1. 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:* `1.3.0`

9.2.2. Parameters

Type	Name	Description	Schema
Query	**backup_record** *optional*	ID of Backup record associated with the explore session.	string
Query	**close_status** *optional*	None	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

9.2.3. 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
attached_volume_ids *optional*	AWS IDs of attached volumes.	string
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
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)

9.2.4. Produces

- `application/json`

9.3. Archive and download list of files and folders as a zip file

```
POST /api/explore_sessions/{explore_session_id}/download/
```

9.3.1. 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.

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

9.3.2. 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

9.3.3. Responses

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

9.3.4. Consumes

- `application/json`

9.3.5. Produces

- `application/zip`

9.4. List file system entries

```
GET /api/explore_sessions/{explore_session_id}/file_system_entries/
```

9.4.1. 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`

9.4.2. 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

9.4.3. Responses

HTTP Code	Description	Schema
200	OK	< response_explore_sessions_file_system_entries_list > array
401	Unauthorized	No Content
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

Name	Description	Schema
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

9.4.4. Produces

- `application/json`

9.5. Reset the backup explore session timeout countdown

```
POST /api/explore_sessions/{explore_session_id}/keep_alive/
```

9.5.1. 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`

9.5.2. Parameters

Type	Name	Schema
Path	**explore_session_id** *required*	string

9.5.3. Responses

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

9.6. Retrieve an explore session

```
GET /api/explore_sessions/{id}/
```

9.6.1. 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:* `1.3.0`

9.6.2. Parameters

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

9.6.3. 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
attached_volume_ids *optional*	AWS IDs of attached volumes.	string
backup_record *optional*	ID of Backup record associated with the explore session.	integer

Name	Description	Schema
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
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)

9.6.4. Produces

- `application/json`

9.7. Expire an explore session

```
DELETE /api/explore_sessions/{id}/
```

9.7.1. 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`

9.7.2. Parameters

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

9.7.3. Responses

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

Chapter 10. Freezer

10.1. List CPM freezer records

```
GET /api/freezer/
```

10.1.1. 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`

10.1.2. 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

10.1.3. 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

Name	Description	Schema
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 and underscore and dash (no spaces or slashes).	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)	enum (I, P, B, A, S, D, F, M)
user *optional*	ID of the owner user.	integer

10.1.4. Produces

- `application/json`

Chapter 11. Policies

11.1. Create a CPM policy

```
POST /api/policies/
```

11.1.1. 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.

- *Initial Release:* `1.0.0`
- *Last Modified Version:* `1.3.0`

11.1.2. 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
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

Name	Description	Schema
generations *optional*	Number of generations of backup data to keep.	integer
name *required*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array

11.1.3. 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)
description *optional*	Description for the resource.	string
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
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array
user *optional*	ID of the owner user.	integer

11.1.4. Consumes

- `application/json`

11.1.5. Produces

- `application/json`

11.2. List CPM policies

```
GET /api/policies/
```

11.2.1. 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:* `1.0.0`

11.2.2. 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

11.2.3. 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)
description *optional*	Description for the resource.	string
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
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string

Name	Description	Schema
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array
user *optional*	ID of the owner user.	integer

11.2.4. Produces

- `application/json`

11.3. Retrieve a CPM policy

```
GET /api/policies/{id}/
```

11.3.1. 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:* `1.3.0`

11.3.2. Parameters

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

11.3.3. 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)
description *optional*	Description for the resource.	string
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
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array
user *optional*	ID of the owner user.	integer

11.3.4. Produces

- `application/json`

11.4. Update a CPM policy

```
PUT /api/policies/{id}/
```

11.4.1. 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`

11.4.2. 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
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

Name	Description	Schema
generations *optional*	Number of generations of backup data to keep.	integer
name *required*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array

11.4.3. 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)
description *optional*	Description for the resource.	string
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
last_modified *optional*	Modification time of the resource.	string
name *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string
schedules *optional*	Schedule IDs associated with this policy for when to backup.	< integer > array
user *optional*	ID of the owner user.	integer

11.4.4. Consumes

- `application/json`

11.4.5. Produces

- `application/json`

11.5. Delete a CPM policy

```
DELETE /api/policies/{id}/
```

11.5.1. Description

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

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`

11.5.2. Parameters

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

11.5.3. Responses

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

11.6. Create a CPM policy backup ASAP

```
POST /api/policies/{id}/backups/
```

11.6.1. 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:* `1.0.0`

11.6.2. Parameters

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

11.6.3. 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

11.6.4. Produces

- `application/json`

11.7. Show 'Copy to S3 repository' options of a CPM policy

```
GET /api/policies/{id}/copy_to_s3/
```

11.7.1. 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:* `1.3.0`

11.7.2. Parameters

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

11.7.3. 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
copy_interval *optional*	Distance (in generations) between two subsequent copied backups.	integer
enabled *optional*	If set, the S3 Copy will be enabled.	boolean

Name	Description	Schema
repository *optional*	S3 repository the policy is associated with.	integer
resource_type *optional*	Resource type.	string
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

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
every_unit *optional*	Time unit for the retention duration. Works in conjunction with `every_how_many`. **Allowed Enum Values** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)

11.7.4. Produces

- `application/json`

11.8. Update 'Copy to S3 repository' options of a CPM policy

```
PUT /api/policies/{id}/copy_to_s3/
```

11.8.1. 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:* `1.3.0`

11.8.2. 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
copy_interval *optional*	Distance (in generations) between two subsequent copied backups.	integer
enabled *optional*	If set, the S3 Copy will be enabled.	boolean
repository *required*	S3 repository the policy is associated with.	integer
retention_generation_based *optional*	Retention based on number of generations.	data_policies_copy_to_s3_update_retention_generation_based

Name	Description	Schema
retention_time_based *optional*	Retention based on snapshot's age.	data_policies_copy_to_s3_update_retention_time_based

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** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)

11.8.3. Responses

HTTP Code	Description	Schema
200	OK	response_policies_copy_to_s3_update
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

response_policies_copy_to_s3_update

Name	Description	Schema
copy_interval *optional*	Distance (in generations) between two subsequent copied backups.	integer
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
retention_generation_based *optional*	Retention based on number of generations.	response_policies_copy_to_s3_update_retention_generation_based
retention_time_based *optional*	Retention based on snapshot's age.	response_policies_copy_to_s3_update_retention_time_based

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** * D (Days) * W (Weeks) * O (Months) * Y (Years)	enum (D, W, O, Y)

11.8.4. Consumes

- `application/json`

11.8.5. Produces

- `application/json`

11.9. Retrieve DR options of a CPM policy

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

11.9.1. 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`

11.9.2. Parameters

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

11.9.3. 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

11.9.4. Produces

- `application/json`

11.10. Update DR options of a CPM policy

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

11.10.1. 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`

11.10.2. 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

11.10.3. 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

11.10.4. Consumes

- `application/json`

11.10.5. Produces

- `application/json`

11.11. Retrieve options of a CPM policy

```
GET /api/policies/{id}/options/
```

11.11.1. 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`

11.11.2. Parameters

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

11.11.3. 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

11.11.4. Produces

- `application/json`

11.12. Update options of a CPM policy

```
PUT /api/policies/{id}/options/
```

11.12.1. 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`

11.12.2. 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

11.12.3. 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

11.12.4. Consumes

- `application/json`

11.12.5. Produces

- `application/json`

11.13. Delete all snapshots of a CPM policy

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

11.13.1. 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`

11.13.2. Parameters

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

11.13.3. 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

11.14. Delete all native snapshots of a CPM policy

```
DELETE /api/policies/{id}/snapshots/native/
```

11.14.1. 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`

11.14.2. Parameters

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

11.14.3. 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

11.15. Delete all native snapshots, S3 backup and Glacier archive copies of a CPM policy

```
DELETE /api/policies/{id}/snapshots/s3/
```

11.15.1. 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`

11.15.2. Parameters

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

11.15.3. 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

11.16. List a policy's future scheduled run times based on a filter

```
GET /api/policies/{policy_id}/run_times/
```

11.16.1. 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:* `1.0.0`

11.16.2. Parameters

Type	Name	Description	Schema
Path	**policy_id** *required*		string
Query	**days_ahead** *required*	Days ahead to calculate scheduled run times for.	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

11.16.3. 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	Schema
schedule_name *optional*	string
time *optional*	string

11.16.4. Produces

- `application/json`

11.17. List all the targets associated with a CPM policy

```
GET /api/policies/{policy_id}/targets/
```

11.17.1. 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`

11.17.2. 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

11.17.3. 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
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
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

11.17.4. Produces

- `application/json`

11.18. Add a DynamoDB table to a CPM policy

```
POST /api/policies/{policy_id}/targets/dynamodb_tables/
```

11.18.1. 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`

11.18.2. 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

11.18.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_dynamodb_tables_create

HTTP Code	Description	Schema
400	Bad Request	No Content
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

11.18.4. Consumes

- `application/json`

11.18.5. Produces

- `application/json`

11.19. List the protected DynamoDB tables of a CPM policy

```
GET /api/policies/{policy_id}/targets/dynamodb_tables/
```

11.19.1. 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:* `1.3.0`

11.19.2. 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

11.19.3. 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
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

11.19.4. Produces

- `application/json`

11.20. Retrieve a DynamoDB table of a CPM policy

```
GET /api/policies/{policy_id}/targets/dynamodb_tables/{id}/
```

11.20.1. 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:* `1.3.0`

11.20.2. Parameters

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

11.20.3. 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

11.20.4. Produces

- `application/json`

11.21. Delete a DynamoDB table from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/dynamodb_tables/{id}/
```

11.21.1. 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`

11.21.2. Parameters

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

11.21.3. Responses

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

11.22. Add an Elastic File System (EFS) to a CPM policy

```
POST /api/policies/{policy_id}/targets/efs/
```

11.22.1. 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`

11.22.2. 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

11.22.3. 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
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
resource_type *optional*	Resource type.	string

11.22.4. Consumes

- `application/json`

11.22.5. Produces

- `application/json`

11.23. List the protected Elastic File Systems (EFS) of a CPM policy

```
GET /api/policies/{policy_id}/targets/efs/
```

11.23.1. 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:* `1.3.0`

11.23.2. 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

11.23.3. 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
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
resource_type *optional*	Resource type.	string

11.23.4. Produces

- `application/json`

11.24. Retrieve a protected Elastic File System (EFS) of a CPM policy

```
GET /api/policies/{policy_id}/targets/efs/{id}/
```

11.24.1. 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:* `1.3.0`

11.24.2. Parameters

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

11.24.3. 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
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
resource_type *optional*	Resource type.	string

11.24.4. Produces

- `application/json`

11.25. Update an Elastic File System (EFS) of a CPM policy

```
PUT /api/policies/{policy_id}/targets/efs/{id}/
```

11.25.1. 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`

11.25.2. 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

11.25.3. 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

Name	Description	Schema
backup_iam_role_arn *optional*	Backup IAM role ARN	string
backup_vault_name *optional*	AWS Backup vault name	string
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
resource_type *optional*	Resource type.	string

11.25.4. Consumes

- `application/json`

11.25.5. Produces

- `application/json`

11.26. Delete an Elastic File System (EFS) from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/efs/{id}/
```

11.26.1. 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`

11.26.2. Parameters

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

11.26.3. Responses

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

11.27. Add an EC2 instance to a CPM policy

```
POST /api/policies/{policy_id}/targets/instances/
```

11.27.1. 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:* `1.0.0`
- *Last Modified Version:* `1.2.0`

11.27.2. 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
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

11.27.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_instances_create
400	Bad Request	No Content

HTTP Code	Description	Schema
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
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

Name	Description	Schema
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

11.27.4. Consumes

- `application/json`

11.27.5. Produces

- `application/json`

11.28. List the protected EC2 instances of a CPM policy

```
GET /api/policies/{policy_id}/targets/instances/
```

11.28.1. 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:* `1.2.0`

11.28.2. 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

11.28.3. 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
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
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

11.28.4. Produces

- `application/json`

11.29. Retrieve a protected EC2 instance of a CPM policy

```
GET /api/policies/{policy_id}/targets/instances/{id}/
```

11.29.1. 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:* `1.2.0`

11.29.2. Parameters

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

11.29.3. 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
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
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

11.29.4. Produces

- `application/json`

11.30. Update an EC2 instance of a CPM policy

```
PUT /api/policies/{policy_id}/targets/instances/{id}/
```

11.30.1. 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:* `1.0.0`
- *Last Modified Version:* `1.2.0`

11.30.2. 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
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

11.30.3. Responses

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

11.30.4. Consumes

- `application/json`

11.30.5. Produces

- `application/json`

11.31. Delete an EC2 instance from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/instances/{id}/
```

11.31.1. 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`

11.31.2. Parameters

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

11.31.3. Responses

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

11.32. Add an EC2 volume to a CPM policy

```
POST /api/policies/{policy_id}/targets/instances/{instance_id}/volumes/
```

11.32.1. 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`

11.32.2. 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

11.32.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_instances_volumes_create

HTTP Code	Description	Schema
400	Bad Request	No Content
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

11.32.4. Consumes

- `application/json`

11.32.5. Produces

- `application/json`

11.33. List the protected EC2 volumes of a CPM policy

```
GET /api/policies/{policy_id}/targets/instances/{instance_id}/volumes/
```

11.33.1. 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`

11.33.2. 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

11.33.3. 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

11.33.4. Produces

- `application/json`

11.34. Retrieve a protected EC2 volume of a CPM policy

```
GET /api/policies/{policy_id}/targets/instances/{instance_id}/volumes/{id}/
```

11.34.1. 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`

11.34.2. Parameters

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

11.34.3. 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

11.34.4. Produces

- `application/json`

11.35. Delete an EC2 volume from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/instances/{instance_id}/volumes/{id}/
```

11.35.1. 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`

11.35.2. Parameters

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

11.35.3. Responses

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

11.36. Add a RDS cluster to a CPM policy

```
POST /api/policies/{policy_id}/targets/rds_clusters/
```

11.36.1. 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`

11.36.2. 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

11.36.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_rds_clusters_create

HTTP Code	Description	Schema
400	Bad Request	No Content
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
zone *optional*	Availability zone of the resource.	string

11.36.4. Consumes

- `application/json`

11.36.5. Produces

- `application/json`

11.37. List the protected RDS clusters of a CPM policy

```
GET /api/policies/{policy_id}/targets/rds_clusters/
```

11.37.1. 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:* `1.1.0`

11.37.2. 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

11.37.3. 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
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
zone *optional*	Availability zone of the resource.	string

11.37.4. Produces

- `application/json`

11.38. Retrieve a protected RDS cluster of a CPM policy

```
GET /api/policies/{policy_id}/targets/rds_clusters/{id}/
```

11.38.1. 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:* `1.1.0`

11.38.2. Parameters

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

11.38.3. 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
zone *optional*	Availability zone of the resource.	string

11.38.4. Produces

- `application/json`

11.39. Delete a RDS cluster from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/rds_clusters/{id}/
```

11.39.1. 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`

11.39.2. Parameters

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

11.39.3. Responses

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

11.40. Add a RDS database to a CPM policy

```
POST /api/policies/{policy_id}/targets/rds_databases/
```

11.40.1. 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`

11.40.2. 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

11.40.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_rds_databases_create

HTTP Code	Description	Schema
400	Bad Request	No Content
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*	AWS resource type.	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
zone *optional*	Availability zone of the resource.	string

11.40.4. Consumes

- `application/json`

11.40.5. Produces

- `application/json`

11.41. List the protected RDS databases of a CPM policy

```
GET /api/policies/{policy_id}/targets/rds_databases/
```

11.41.1. 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:* `1.0.0`

11.41.2. 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

11.41.3. 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
aws_resource_class *optional*	AWS resource type.	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
zone *optional*	Availability zone of the resource.	string

11.41.4. Produces

- `application/json`

11.42. Retrieve a protected RDS database of a CPM policy

```
GET /api/policies/{policy_id}/targets/rds_databases/{id}/
```

11.42.1. 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:* `1.0.0`

11.42.2. Parameters

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

11.42.3. 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*	AWS resource type.	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
zone *optional*	Availability zone of the resource.	string

11.42.4. Produces

- `application/json`

11.43. Delete a RDS database from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/rds_databases/{id}/
```

11.43.1. 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`

11.43.2. Parameters

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

11.43.3. Responses

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

11.44. Add a Redshift cluster to a CPM policy

```
POST /api/policies/{policy_id}/targets/redshift_clusters/
```

11.44.1. 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`

11.44.2. 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

11.44.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_redshift_clusters_create

HTTP Code	Description	Schema
400	Bad Request	No Content
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.	string
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
zone *optional*	Availability zone of the resource.	string

11.44.4. Consumes

- `application/json`

11.44.5. Produces

- `application/json`

11.45. List the protected Redshift clusters of a CPM policy

```
GET /api/policies/{policy_id}/targets/redshift_clusters/
```

11.45.1. 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:* `1.1.0`

11.45.2. 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

11.45.3. 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
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.	string
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
zone *optional*	Availability zone of the resource.	string

11.45.4. Produces

- `application/json`

11.46. Retrieve a protected Redshift cluster of a CPM policy

```
GET /api/policies/{policy_id}/targets/redshift_clusters/{id}/
```

11.46.1. 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:* `1.1.0`

11.46.2. Parameters

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

11.46.3. 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.	string
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
zone *optional*	Availability zone of the resource.	string

11.46.4. Produces

- `application/json`

11.47. Delete a Redshift cluster from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/redshift_clusters/{id}/
```

11.47.1. 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`

11.47.2. Parameters

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

11.47.3. Responses

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

11.48. Add an EC2 volume to a CPM policy

```
POST /api/policies/{policy_id}/targets/volumes/
```

11.48.1. 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`

11.48.2. 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

11.48.3. Responses

HTTP Code	Description	Schema
201	Created	response_policies_targets_volumes_create

HTTP Code	Description	Schema
400	Bad Request	No Content
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
zone *optional*	Availability zone of the resource.	string

11.48.4. Consumes

- `application/json`

11.48.5. Produces

- `application/json`

11.49. List the protected EC2 volumes of a CPM policy

```
GET /api/policies/{policy_id}/targets/volumes/
```

11.49.1. 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`

11.49.2. 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

11.49.3. 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
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
zone *optional*	Availability zone of the resource.	string

11.49.4. Produces

- `application/json`

11.50. Retrieve a protected EC2 volume of a CPM policy

```
GET /api/policies/{policy_id}/targets/volumes/{id}/
```

11.50.1. 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`

11.50.2. Parameters

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

11.50.3. 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
zone *optional*	Availability zone of the resource.	string

11.50.4. Produces

- `application/json`

11.51. Delete an EC2 volume from a CPM policy

```
DELETE /api/policies/{policy_id}/targets/volumes/{id}/
```

11.51.1. 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`

11.51.2. Parameters

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

11.51.3. Responses

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

Chapter 12. Recoveries

12.1. List CPM recovery records

```
GET /api/recoveries/
```

12.1.1. 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`

12.1.2. 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_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	**status** *optional*	Recovery status.	string
Query	**user** *optional*	ID of the owner user.	string

12.1.3. 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_record *optional*	Recovery's source backup ID.	integer
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

12.1.4. Produces

- `application/json`

12.2. Retrieve a CPM recovery record

```
GET /api/recoveries/{id}/
```

12.2.1. 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`

12.2.2. Parameters

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

12.2.3. 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_record *optional*	Recovery's source backup ID.	integer

Name	Description	Schema
backup_time *optional*	Time the recovered backup started.	string
id *optional*	Unique ID of the resource in CPM.	integer
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_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)	enum (I, V, R, A, C, D, E)
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_s3_recover_status

Name	Description	Schema
progress_percent *optional*	Progress percentage of the recovery from S3.	string

Name	Description	Schema
status *optional*	Status of the recovery from S3. **Allowed Enum Values** * P (In Progress) * R (Recovery Successful) * A (Recovery Partially Successful) * F (Recovery Failed)	enum (P, R, A, F)

12.2.4. Produces

- `application/json`

12.3. Delete a CPM recovery record

```
DELETE /api/recoveries/{id}/
```

12.3.1. 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`

12.3.2. Parameters

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

12.3.3. Responses

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

12.4. List the selected logs

```
GET /api/recoveries/{id}/logs/
```

12.4.1. 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`

12.4.2. Parameters

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

12.4.3. 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

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

12.4.4. Produces

- `application/json`
- `text/csv`

12.5. Abort an on going recovery from S3

```
POST /api/recoveries/{recovery_id}/recover_from_s3/abort/
```

12.5.1. Description

This endpoint aborts an on going recovery from S3.

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

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

12.5.2. Parameters

Type	Name	Schema
Path	**recovery_id** *required*	string

12.5.3. Responses

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

12.6. Abort an on going instance retrieve from Glacier

```
POST /api/recoveries/{recovery_id}/retrieve_from_glacier/abort/
```

12.6.1. Description

This endpoint aborts an on going instance retrieve from Glacier.

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

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

12.6.2. Parameters

Type	Name	Schema
Path	**recovery_id** *required*	string

12.6.3. Responses

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

Chapter 13. Regions

13.1. List enabled DR target regions

```
GET /api/regions/
```

13.1.1. 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`

13.1.2. 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

13.1.3. 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

Name	Description	Schema
disp_name *optional*	Display name of the target region.	string
id *optional*	Unique ID of the resource in CPM.	integer

13.1.4. Produces

- `application/json`

Chapter 14. Reports

14.1. Audit report

```
GET /api/reports/audit/
```

14.1.1. 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`

14.1.2. 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

14.1.3. 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

14.1.4. Produces

- `application/json`
- `text/csv`

14.2. Backup report

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

14.2.1. 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`

14.2.2. 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

14.2.3. 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
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
glacier_copy_status *optional*	Glacier Copy status (license dependent).	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)	enum (I, P, B, A, S, D, F, M)

Name	Description	Schema
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

14.2.4. Produces

- `application/json`
- `text/csv`

14.3. Protected resources report

```
GET /api/reports/protected-resources/
```

14.3.1. 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`

14.3.2. 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

14.3.3. 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
resource_type *optional*	'instance'/'independent_volume'/'rds'/'aurora'/'redshift'.	string
schedules *optional*	Schedules covering this resource.	string
username *optional*	Associated user's username.	string

14.3.4. Produces

- `application/json`
- `text/csv`

14.4. Resource Control operations report

```
GET /api/reports/resource_control_operations/
```

14.4.1. 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`

14.4.2. 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

14.4.3. 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
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

14.4.4. Produces

- `application/json`
- `text/csv`

14.5. Snapshots report

```
GET /api/reports/snapshots/
```

14.5.1. 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:* `1.3.0`

14.5.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**account_name** *optional*	Associated account name.	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.	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

14.5.3. Responses

HTTP Code	Description	Schema
200	OK	< response_reports_snapshots_list > array
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
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.	string

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
succeeded *optional*	'true' if the snapshot succeeded, otherwise 'false'.	boolean
username *optional*	Associated user's username.	string

14.5.4. Produces

- `application/json`
- `text/csv`

14.6. Account usage report

```
GET /api/reports/usage/
```

14.6.1. 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`

14.6.2. 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

14.6.3. 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.	string
num_efs *optional*	Number of Elastic File Systems (EFS) under this account which are protected by CPM.	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
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

14.6.4. Produces

- `application/json`

- `text/csv`

14.7. Anonymized account usage report

```
GET /api/reports/usage/anonymized/
```

14.7.1. 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`

14.7.2. 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.	string
num_efs *optional*	Number of Elastic File Systems (EFS) under this account which are protected by CPM.	string

Name	Description	Schema
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
user_id *optional*	ID of the user this account is associated with.	string

14.7.3. Produces

- `application/json`
- `text/csv`

14.8. User/Account detailed usage reports

```
GET /api/reports/usage/detailed/
```

14.8.1. 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`

14.8.2. 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

14.8.3. 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.	string
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_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.	string
username *optional*	Name of the user.	string

14.8.4. Produces

- `application/json`
- `text/csv`

14.9. User/Account summary usage reports

```
GET /api/reports/usage/summary/
```

14.9.1. 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`

14.9.2. 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

14.9.3. 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_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.	string
username *optional*	Name of the user.	string

14.9.4. Produces

- `application/json`
- `text/csv`

Chapter 15. Resource_control

15.1. Create a CPM resource control group

```
POST /api/resource_control/groups/
```

15.1.1. 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:* `1.2.0`

15.1.2. 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 and underscore and dash (no spaces or slashes).	string
timeout *optional*	Resource state timeout.	integer

15.1.3. 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
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string

Name	Description	Schema
name *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string
timeout *optional*	Resource state timeout.	integer
user *optional*	ID of the owner user.	integer

15.1.4. Consumes

- `application/json`

15.1.5. Produces

- `application/json`

15.2. List CPM resource control groups

```
GET /api/resource_control/groups/
```

15.2.1. 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`

15.2.2. 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

15.2.3. 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 and underscore and dash (no spaces or slashes).	string
timeout *optional*	Resource state timeout.	integer
user *optional*	ID of the owner user.	integer

15.2.4. Produces

- `application/json`

15.3. Create a CPM resource control group schedule

```
POST /api/resource_control/groups/{group_id}/schedules/
```

15.3.1. 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:* `1.2.0`

15.3.2. 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

15.3.3. 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

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 *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

15.3.4. Consumes

- `application/json`

15.3.5. Produces

- `application/json`

15.4. List CPM resource control group schedules

```
GET /api/resource_control/groups/{group_id}/schedules/
```

15.4.1. 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`

15.4.2. 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

15.4.3. 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)

Name	Description	Schema
turn_on_time *optional*	Selected time to activate turn on action on selected days.	string

15.4.4. Produces

- `application/json`

15.5. Retrieve a CPM resource control group schedule

```
GET /api/resource_control/groups/{group_id}/schedules/{id}/
```

15.5.1. 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`

15.5.2. Parameters

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

15.5.3. 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

Name	Description	Schema
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

15.5.4. Produces

- `application/json`

15.6. Delete a CPM resource control group schedule

```
DELETE /api/resource_control/groups/{group_id}/schedules/{id}/
```

15.6.1. 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`

15.6.2. Parameters

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

15.6.3. Responses

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

15.7. List all the targets associated with a CPM resource control group

```
GET /api/resource_control/groups/{group_id}/targets/
```

15.7.1. 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`

15.7.2. 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

15.7.3. 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

15.7.4. Produces

- `application/json`

15.8. Add an EC2 instance to a CPM resource control group

```
POST /api/resource_control/groups/{group_id}/targets/instances/
```

15.8.1. 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`

15.8.2. 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

15.8.3. Responses

HTTP Code	Description	Schema
201	Created	response_resource_control_groups_targets_instances_create
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

15.8.4. Consumes

- `application/json`

15.8.5. Produces

- `application/json`

15.9. List the EC2 instances of a resource control group

```
GET /api/resource_control/groups/{group_id}/targets/instances/
```

15.9.1. 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`

15.9.2. 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

15.9.3. 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
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

15.9.4. Produces

- `application/json`

15.10. Retrieve an EC2 instance of a CPM resource control group

```
GET /api/resource_control/groups/{group_id}/targets/instances/{id}/
```

15.10.1. 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`

15.10.2. Parameters

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

15.10.3. 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
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

15.10.4. Produces

- `application/json`

15.11. Delete an EC2 instance from a CPM resource control group

```
DELETE /api/resource_control/groups/{group_id}/targets/instances/{id}/
```

15.11.1. 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`

15.11.2. Parameters

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

15.11.3. Responses

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

15.12. Add an RDS database to a CPM resource control group

```
POST /api/resource_control/groups/{group_id}/targets/rds_databases/
```

15.12.1. 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`

15.12.2. 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

15.12.3. 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*	AWS resource type.	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

15.12.4. Consumes

- `application/json`

15.12.5. Produces

- `application/json`

15.13. List the RDS databases of a resource control group

```
GET /api/resource_control/groups/{group_id}/targets/rds_databases/
```

15.13.1. 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`

15.13.2. 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

15.13.3. 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
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*	AWS resource type.	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

15.13.4. Produces

- `application/json`

15.14. Retrieve an RDS database of a CPM resource control group

```
GET /api/resource_control/groups/{group_id}/targets/rds_databases/{id}/
```

15.14.1. 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`

15.14.2. Parameters

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

15.14.3. 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
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*	AWS resource type.	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

15.14.4. Produces

- `application/json`

15.15. Delete an RDS database from a CPM resource control group

```
DELETE /api/resource_control/groups/{group_id}/targets/rds_databases/{id}/
```

15.15.1. 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`

15.15.2. Parameters

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

15.15.3. Responses

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

15.16. Retrieve a CPM resource control group

```
GET /api/resource_control/groups/{id}/
```

15.16.1. 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`

15.16.2. Parameters

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

15.16.3. 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 and underscore and dash (no spaces or slashes).	string
timeout *optional*	Resource state timeout.	integer
user *optional*	ID of the owner user.	integer

15.16.4. Produces

- `application/json`

15.17. Update a CPM resource control group

```
PUT /api/resource_control/groups/{id}/
```

15.17.1. 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`

15.17.2. 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 and underscore and dash (no spaces or slashes).	string
timeout *optional*	Resource state timeout.	integer

15.17.3. 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
id *optional*	Unique ID of the resource in CPM.	integer
last_modified *optional*	Modification time of the resource.	string

Name	Description	Schema
name *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string
timeout *optional*	Resource state timeout.	integer
user *optional*	ID of the owner user.	integer

15.17.4. Consumes

- `application/json`

15.17.5. Produces

- `application/json`

15.18. Delete a CPM resource control group

```
DELETE /api/resource_control/groups/{id}/
```

15.18.1. 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`

15.18.2. Parameters

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

15.18.3. Responses

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

15.19. Execute a CPM resource control group ASAP

```
POST /api/resource_control/groups/{id}/start/
```

15.19.1. 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`

15.19.2. Parameters

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

15.19.3. 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

15.19.4. Produces

- `application/json`

15.20. Stop execute a CPM resource control group ASAP

```
POST /api/resource_control/groups/{id}/stop/
```

15.20.1. 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`

15.20.2. Parameters

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

15.20.3. 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

15.20.4. Produces

- `application/json`

15.21. List CPM resource control records

```
GET /api/resource_control/records/
```

15.21.1. 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:* `1.2.0`

15.21.2. Parameters

Type	Name	Description	Schema
Query	**account** *optional*	ID of the account this resource is associated with.	string
Query	**group** *optional*	None	string
Query	**id** *optional*	Unique ID of the resource in CPM.	string
Query	**marked_for_deletion** *optional*	None	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	**status** *optional*	None	string
Query	**user** *optional*	ID of the owner user.	string

15.21.3. 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)

15.21.4. Produces

- `application/json`

15.22. Retrieve a CPM resource control record

```
GET /api/resource_control/records/{id}/
```

15.22.1. 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`

15.22.2. Parameters

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

15.22.3. 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

Name	Description	Schema
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
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)

15.22.4. Produces

- `application/json`

15.23. Delete a CPM resource control record

```
DELETE /api/resource_control/records/{id}/
```

15.23.1. 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`

15.23.2. Parameters

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

15.23.3. Responses

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

15.24. List the selected logs

```
GET /api/resource_control/records/{id}/logs/
```

15.24.1. 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`

15.24.2. Parameters

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

15.24.3. 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

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

15.24.4. Produces

- `application/json`
- `text/csv`

Chapter 16. S3_repositories

16.1. Create a S3 repository

```
POST /api/s3_repositories/
```

16.1.1. 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`

16.1.2. 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

16.1.3. 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.	string
user *optional*	ID of the owner user.	integer

16.1.4. Consumes

- `application/json`

16.1.5. Produces

- `application/json`

16.2. List S3 repositories

```
GET /api/s3_repositories/
```

16.2.1. 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`

16.2.2. 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

16.2.3. 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.	string
user *optional*	ID of the owner user.	integer

16.2.4. Produces

- `application/json`

16.3. Retrieve a S3 repository

```
GET /api/s3_repositories/{id}/
```

16.3.1. 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`

16.3.2. Parameters

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

16.3.3. 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

Name	Description	Schema
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.	string
user *optional*	ID of the owner user.	integer

16.3.4. Produces

- `application/json`

16.4. Update a S3 repository

```
PUT /api/s3_repositories/{id}/
```

16.4.1. 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`

16.4.2. 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

16.4.3. 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.	string
user *optional*	ID of the owner user.	integer

16.4.4. Consumes

- `application/json`

16.4.5. Produces

- `application/json`

16.5. Delete a S3 repository

```
DELETE /api/s3_repositories/{id}/
```

16.5.1. 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`

16.5.2. Parameters

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

16.5.3. Responses

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

Chapter 17. Scheduled_reports

17.1. Create a scheduled report

```
POST /api/scheduled_reports/
```

17.1.1. 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`

17.1.2. 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 *optional*	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) * R (Resource Control Operations) * S (Snapshots) * U (Usage)	enum (A, B, P, R, S, U)
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)
user *optional*	A user ID to filter the scheduled report by.	integer

17.1.3. 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) * R (Resource Control Operations) * S (Snapshots) * U (Usage)	enum (A, B, P, R, S, U)
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

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)
user *optional*	A user ID to filter the scheduled report by.	integer

17.1.4. Consumes

- `application/json`

17.1.5. Produces

- `application/json`

17.2. List scheduled reports

```
GET /api/scheduled_reports/
```

17.2.1. 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`

17.2.2. 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

17.2.3. 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) * R (Resource Control Operations) * S (Snapshots) * U (Usage)	enum (A, B, P, R, S, U)
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)
user *optional*	A user ID to filter the scheduled report by.	integer

17.2.4. Produces

- `application/json`

17.3. Retrieve a scheduled report

```
GET /api/scheduled_reports/{id}/
```

17.3.1. 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`

17.3.2. Parameters

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

17.3.3. 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) * R (Resource Control Operations) * S (Snapshots) * U (Usage)	enum (A, B, P, R, S, U)
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)
user *optional*	A user ID to filter the scheduled report by.	integer

17.3.4. Produces

- `application/json`

17.4. Update a scheduled report

```
PUT /api/scheduled_reports/{id}/
```

17.4.1. 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`

17.4.2. 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 *optional*	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)
user *optional*	A user ID to filter the scheduled report by.	integer

17.4.3. 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
enabled *optional*	If set, the scheduled report will be enabled.	boolean

Name	Description	Schema
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) * R (Resource Control Operations) * S (Snapshots) * U (Usage)	enum (A, B, P, R, S, U)
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
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
user *optional*	A user ID to filter the scheduled report by.	integer

17.4.4. Consumes

- `application/json`

17.4.5. Produces

- `application/json`

17.5. Delete a scheduled report

```
DELETE /api/scheduled_reports/{id}/
```

17.5.1. 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`

17.5.2. Parameters

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

17.5.3. Responses

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

17.6. Run a scheduled report immediately

```
POST /api/scheduled_reports/{scheduled_report_id}/run/
```

17.6.1. 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`

17.6.2. Parameters

Type	Name	Schema
Path	**scheduled_report_id** *required*	string

17.6.3. Responses

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

Chapter 18. Schedules

18.1. Create a CPM schedule

```
POST /api/schedules/
```

18.1.1. 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:* `1.0.0`

18.1.2. 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 and underscore and dash (no spaces or slashes).	string
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	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)
end_time *required*	Time to finish disabling the schedule.	string

Name	Description	Schema
start_time *required*	Time to start disabling the schedule.	string

18.1.3. 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 and underscore and dash (no spaces or slashes).	string
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	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

18.1.4. Consumes

- `application/json`

18.1.5. Produces

- `application/json`

18.2. List CPM schedules

```
GET /api/schedules/
```

18.2.1. 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:* `1.0.0`

18.2.2. 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*	The policy associated.	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

18.2.3. 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 and underscore and dash (no spaces or slashes).	string
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	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)

Name	Description	Schema
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

18.2.4. Produces

- `application/json`

18.3. Retrieve a CPM schedule

```
GET /api/schedules/{id}/
```

18.3.1. 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:* `1.0.0`

18.3.2. Parameters

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

18.3.3. 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

Name	Description	Schema
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_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 and underscore and dash (no spaces or slashes).	string
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	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

18.3.4. Produces

- `application/json`

18.4. Update a CPM schedule

```
PUT /api/schedules/{id}/
```

18.4.1. 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:* `1.0.0`

18.4.2. 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 and underscore and dash (no spaces or slashes).	string
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	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)
end_time *required*	Time to finish disabling the schedule.	string

Name	Description	Schema
start_time *required*	Time to start disabling the schedule.	string

18.4.3. 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
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 and underscore and dash (no spaces or slashes).	string
start_date *optional*	When the schedule will start operation. If not set, the default is `now`.	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

18.4.4. Consumes

- `application/json`

18.4.5. Produces

- `application/json`

18.5. Delete a CPM schedule

```
DELETE /api/schedules/{id}/
```

18.5.1. 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`

18.5.2. Parameters

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

18.5.3. Responses

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

18.6. Add a disable time to a schedule

```
POST /api/schedules/{schedule_id}/disable_times/
```

18.6.1. 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`

18.6.2. 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

18.6.3. 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

18.6.4. Consumes

- `application/json`

18.6.5. Produces

- `application/json`

18.7. List the disable times of a schedule

```
GET /api/schedules/{schedule_id}/disable_times/
```

18.7.1. 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`

18.7.2. 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

18.7.3. 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

18.7.4. Produces

- `application/json`

18.8. Retrieve a disable time of a schedule

```
GET /api/schedules/{schedule_id}/disable_times/{id}/
```

18.8.1. 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`

18.8.2. Parameters

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

18.8.3. 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

18.8.4. Produces

- `application/json`

18.9. Delete a disable time from a schedule

```
DELETE /api/schedules/{schedule_id}/disable_times/{id}/
```

18.9.1. 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`

18.9.2. Parameters

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

18.9.3. Responses

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

Chapter 19. Settings

19.1. Change CPM capture VPC settings

```
POST /api/settings/capture_vpc/
```

19.1.1. 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`

19.1.2. 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

19.1.3. 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

19.1.4. Consumes

- `application/json`

19.1.5. Produces

- `application/json`

19.2. Retrieve CPM capture VPC settings

```
GET /api/settings/capture_vpc/
```

19.2.1. 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`

19.2.2. 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

19.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_capture_vpc_list > array
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

Name	Description	Schema
capture_vpcs_interval *optional*	Capture VPCs schedule interval (hours).	integer
last_capture_vpcs_time *optional*	Last time a VPC capture ran.	string

19.2.4. Produces

- `application/json`

19.3. List the selected logs

```
GET /api/settings/capture_vpc/logs/
```

19.3.1. 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`

19.3.2. 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

19.3.3. Produces

- `application/json`
- `text/csv`

19.4. Run the capture VPC operation

```
POST /api/settings/capture_vpc/run/
```

19.4.1. 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`

19.4.2. Responses

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

19.5. Change CPM cleanup settings

```
POST /api/settings/cleanup/
```

19.5.1. 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`

19.5.2. 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

19.5.3. 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

19.5.4. Consumes

- `application/json`

19.5.5. Produces

- `application/json`

19.6. Retrieve CPM cleanup settings

```
GET /api/settings/cleanup/
```

19.6.1. 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`

19.6.2. 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

19.6.3. Responses

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

response_settings_cleanup_list

Name	Description	Schema
cleanup_interval *optional*	Cleanup schedule interval (hours).	integer

Name	Description	Schema
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

19.6.4. Produces

- `application/json`

19.7. List the selected logs

```
GET /api/settings/cleanup/logs/
```

19.7.1. 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`

19.7.2. 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

19.7.3. Produces

- `application/json`
- `text/csv`

19.8. Run the cleanup operation

```
POST /api/settings/cleanup/run/
```

19.8.1. 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`

19.8.2. Responses

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

19.9. Download CPM's certificate

```
GET /api/settings/cpm_certificate/
```

19.9.1. 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`

19.9.2. 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

19.9.3. Responses

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

19.10. Update CPM log mode settings

```
POST /api/settings/cpm_log_mode/
```

19.10.1. 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`

19.10.2. 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)

19.10.3. 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)

19.10.4. Consumes

- `application/json`

19.10.5. Produces

- `application/json`

19.11. Retrieve CPM log mode settings

```
GET /api/settings/cpm_log_mode/
```

19.11.1. 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`

19.11.2. 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

19.11.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_cpm_log_mode_list > array
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)

19.11.4. Produces

- `application/json`

19.12. Download CPM's metadata

```
GET /api/settings/cpm_metadata/
```

19.12.1. 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:* `1.2.0`

19.12.2. 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

19.12.3. Responses

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

19.13. Create CPM email identity_settings

```
POST /api/settings/email_identity/
```

19.13.1. 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`

19.13.2. 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 (Account)	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

19.13.3. 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 (Account)	enum (C, R, A)
ses_region *optional*	Region for SES client.	string

19.13.4. Consumes

- `application/json`

19.13.5. Produces

- `application/json`

19.14. Retrieve the CPM email identity_settings

```
GET /api/settings/email_identity/
```

19.14.1. 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`

19.14.2. 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

19.14.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_email_identity_list > array
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

Name	Description	Schema
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 (Account)	enum (C, R, A)
ses_region *optional*	Region for SES client.	string

19.14.4. Produces

- `application/json`

19.15. Change CPM file level recovery settings

```
POST /api/settings/file_level_recovery/
```

19.15.1. 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.

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

19.15.2. 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

19.15.3. 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

19.15.4. Consumes

- `application/json`

19.15.5. Produces

- `application/json`

19.16. Get CPM file level recovery settings

```
GET /api/settings/file_level_recovery/
```

19.16.1. Description

This endpoint returns the CPM's file level recovery settings.

Permissions and Restrictions:
* Only root user can get the file level recovery settings.

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

19.16.2. 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

19.16.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_file_level_recovery_list > array
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
enable_file_level_recovery *optional*	Create or update CPM file level recovey account settings.	boolean

Name	Description	Schema
existing_account *optional*	Existing account name for file level recovey .	string
use_exisiting_account *optional*		boolean

19.16.4. Produces

- `application/json`

19.17. Create CPM identifier settings

```
POST /api/settings/identifier/
```

19.17.1. Description

This endpoint changes the CPM identifier settings.

Permissions and Restrictions:
* Only the root user can change the identifier settings.

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

19.17.2. 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

19.17.3. 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

19.17.4. Consumes

- `application/json`

19.17.5. Produces

- `application/json`

19.18. Retrieve the CPM identifier settings

```
GET /api/settings/identifier/
```

19.18.1. 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`

19.18.2. 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

19.18.3. Responses

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

response_settings_identifier_list

Name	Description	Schema
cpm_name *optional*	CPM server's name.	string
cpm_uuid *optional*	CPM server's unique identifier.	string

19.18.4. Produces

- `application/json`

19.19. Change CPM identity provider settings

```
POST /api/settings/identity_provider/
```

19.19.1. 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:* `1.0.0`

19.19.2. 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 *required*	Identity provider's CPM IP or DNS.	string
directory_service_enabled *optional*	Whether the identity provider is enabled.	boolean
entity_id *required*	Identity provider's identifier (URI).	string
nameid_format *required*	Identity provider's NameID format.	string
signin_url *required*	Authentication request target (URL).	string
signout_url *required*	Logout request target (URL).	string
x509cert_file *optional*	Identity provider's x509 certification file.	string

19.19.3. 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.	string
signin_url *optional*	Authentication request target (URL).	string
signout_url *optional*	Logout request target (URL).	string

19.19.4. Consumes

- `application/json`

19.19.5. Produces

- `application/json`

19.20. Retrieve the CPM identity provider settings

```
GET /api/settings/identity_provider/
```

19.20.1. 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:* `1.0.0`

19.20.2. 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

19.20.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_identity_provider_list > array
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

Name	Description	Schema
entity_id *optional*	Identity provider's identifier (URI).	string
nameid_format *optional*	Identity provider's NameID format.	string
signin_url *optional*	Authentication request target (URL).	string
signout_url *optional*	Logout request target (URL).	string

19.20.4. Produces

- `application/json`

19.21. List the settings for the CPM identity provider's groups

```
GET /api/settings/identity_provider/groups/
```

19.21.1. 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`

19.21.2. 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

19.21.3. 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

Name	Description	Schema
allow_backup_changes *optional*	Whether the delegate is allowed to make changes to policies, backups, etc.	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
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)

19.21.4. Produces

- `application/json`

19.22. Create a CPM identity provider's group settings

```
POST /api/settings/identity_provider/groups/delegates/
```

19.22.1. 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:* `1.1.0`

19.22.2. 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
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

19.22.3. 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
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

19.22.4. Consumes

- `application/json`

19.22.5. Produces

- `application/json`

19.23. List the settings for the CPM identity provider's groups

```
GET /api/settings/identity_provider/groups/delegates/
```

19.23.1. 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`

19.23.2. 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

19.23.3. 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

Name	Description	Schema
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
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

19.23.4. Produces

- `application/json`

19.24. Retrieve the settings for the CPM identity provider's groups.

```
GET /api/settings/identity_provider/groups/delegates/{id}/
```

19.24.1. 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:* `1.1.0`
- *Last Modified Version:* `1.1.0`

19.24.2. Parameters

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

19.24.3. 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

Name	Description	Schema
allow_recovery *optional*	Whether the delegate is able to perform recovery operations.	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

19.24.4. Produces

- `application/json`

19.25. Update a CPM identity provider's group settings

```
PUT /api/settings/identity_provider/groups/delegates/{id}/
```

19.25.1. 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:* `1.1.0`
- *Last Modified Version:* `1.1.0`

19.25.2. 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
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

19.25.3. 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
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

19.25.4. Consumes

- `application/json`

19.25.5. Produces

- `application/json`

19.26. Delete a CPM identity provider's group settings

```
DELETE /api/settings/identity_provider/groups/delegates/{id}/
```

19.26.1. 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`

19.26.2. Parameters

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

19.26.3. 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

19.27. Create a CPM identity provider's group settings

```
POST /api/settings/identity_provider/groups/users/
```

19.27.1. 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:* `1.1.0`

19.27.2. 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_file_level_restore *optional*	Identity provider group allowed file level recovery.	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
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

Name	Description	Schema
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

19.27.3. 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_file_level_restore *optional*	Identity provider group allowed file level recovery.	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

Name	Description	Schema
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

19.27.4. Consumes

- `application/json`

19.27.5. Produces

- `application/json`

19.28. List the settings for the CPM identity provider's groups

```
GET /api/settings/identity_provider/groups/users/
```

19.28.1. 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`

19.28.2. 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

19.28.3. 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_file_level_restore *optional*	Identity provider group allowed file level recovery.	boolean

Name	Description	Schema
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

19.28.4. Produces

- `application/json`

19.29. Retrieve the settings for the CPM identity provider's groups.

```
GET /api/settings/identity_provider/groups/users/{id}/
```

19.29.1. 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:* `1.1.0`
- *Last Modified Version:* `1.1.0`

19.29.2. Parameters

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

19.29.3. 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_file_level_restore *optional*	Identity provider group allowed file level recovery.	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

19.29.4. Produces

- `application/json`

19.30. Update a CPM identity provider's group settings

```
PUT /api/settings/identity_provider/groups/users/{id}/
```

19.30.1. 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:* `1.1.0`
- *Last Modified Version:* `1.1.0`

19.30.2. 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_file_level_restore *optional*	Identity provider group allowed file level recovery.	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
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

Name	Description	Schema
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

19.30.3. 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_file_level_restore *optional*	Identity provider group allowed file level recovery.	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

Name	Description	Schema
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

19.30.4. Consumes

- `application/json`

19.30.5. Produces

- `application/json`

19.31. Delete a CPM identity provider's group settings

```
DELETE /api/settings/identity_provider/groups/users/{id}/
```

19.31.1. 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`

19.31.2. Parameters

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

19.31.3. 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

19.32. Test the CPM active directory connection

```
POST /api/settings/identity_provider/test_connection/
```

19.32.1. 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:* `1.2.0`

19.32.2. 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 *required*	Identity provider's CPM IP or DNS.	string
directory_service_enabled *optional*	Whether the identity provider is enabled.	boolean
entity_id *required*	Identity provider's identifier (URI).	string
nameid_format *required*	Identity provider's NameID format.	string
signin_url *required*	Authentication request target (URL).	string
signout_url *required*	Logout request target (URL).	string
x509cert_file *optional*	Identity provider's x509 certification file.	string

19.32.3. Responses

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

19.32.4. Consumes

- `application/json`

19.33. Change CPM notifications settings

```
POST /api/settings/notifications/
```

19.33.1. 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:* `1.2.0`
- *Last Modified Version:* `1.3.0`

19.33.2. 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*	IAM authentication access key.	string
sns_account *optional*	Authentication account.	string

Name	Description	Schema
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 *required*	Notification's SAW SNS region.	string
sns_secret_key *optional*	IAM authentication secret key.	string
user *optional*	ID of the owner user.	integer

data_settings_notifications_create_alerts

Name	Description	Schema
add_user_email *optional*	Add user email for alerts SNS notifications.	boolean
create_new_topic *optional*	Create new topic for daily alerts notifications.	boolean
enabled *optional*	Enable daily alerts notifications.	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*	Add user email for summary SNS notifications.	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 *optional*	Hour of the day to create daily summary.	string
use_same_sns_topic *optional*	Use same topic for summary notifications, as used for alerts notifications.	boolean

19.33.3. 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
include_managed_user_alerts *optional*	Include managed users alerts.	boolean
sns_access_key *optional*	IAM authentication access key.	string
sns_account *optional*	Authentication account.	string
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*	Notification's SAW SNS region.	string
sns_secret_key *optional*	IAM authentication secret key.	string
user *optional*	ID of the owner user.	integer

response_settings_notifications_create_alerts

Name	Description	Schema
add_user_email *optional*	Add user email for alerts SNS notifications.	boolean
create_new_topic *optional*	Create new topic for daily alerts notifications.	boolean
enabled *optional*	Enable daily alerts notifications.	boolean
sns_alerts_topic_arn *optional*	Alerts SNS notifications topic ARN.	string

response_settings_notifications_create_daily_summary

Name	Description	Schema
add_user_email_to_summary *optional*	Add user email for summary SNS notifications.	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 *optional*	Hour of the day to create daily summary.	string
use_same_sns_topic *optional*	Use same topic for summary notifications, as used for alerts notifications.	boolean

19.33.4. Consumes

- `application/json`

19.33.5. Produces

- `application/json`

19.34. Get CPM notifications settings.

```
GET /api/settings/notifications/
```

19.34.1. 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:* `1.3.0`

19.34.2. 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	**user** *optional*	ID of the owner user.	string

19.34.3. 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
include_managed_user_alerts *optional*	Include managed users alerts.	boolean
sns_access_key *optional*	IAM authentication access key.	string
sns_account *optional*	Authentication account.	string
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*	Notification's SAW SNS region.	string
sns_secret_key *optional*	IAM authentication secret key.	string
user *optional*	ID of the owner user.	integer

response_settings_notifications_list_alerts

Name	Description	Schema
add_user_email *optional*	Add user email for alerts SNS notifications.	boolean
create_new_topic *optional*	Create new topic for daily alerts notifications.	boolean
enabled *optional*	Enable daily alerts notifications.	boolean
sns_alerts_topic_arn *optional*	Alerts SNS notifications topic ARN.	string

response_settings_notifications_list_daily_summary

Name	Description	Schema
add_user_email_to_summary *optional*	Add user email for summary SNS notifications.	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 *optional*	Hour of the day to create daily summary.	string
use_same_sns_topic *optional*	Use same topic for summary notifications, as used for alerts notifications.	boolean

19.34.4. Produces

- `application/json`

19.35. Change CPM proxy settings

```
POST /api/settings/proxy/
```

19.35.1. 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`

19.35.2. 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

19.35.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_proxy_create

HTTP Code	Description	Schema
400	Bad Request	No Content
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

19.35.4. Consumes

- `application/json`

19.35.5. Produces

- `application/json`

19.36. Retrieve the CPM proxy settings

```
GET /api/settings/proxy/
```

19.36.1. 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`

19.36.2. 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

19.36.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_proxy_list > array
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

Name	Description	Schema
port *optional*	Proxy port.	integer
user *optional*	Proxy user.	string

19.36.4. Produces

- `application/json`

19.37. Test the CPM proxy settings connection

```
POST /api/settings/proxy/test_connection/
```

19.37.1. 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`

19.37.2. 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

19.37.3. Responses

HTTP Code	Description	Schema
200	OK	No Content

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

19.37.4. Consumes

- `application/json`

19.38. Create CPM security settings

```
POST /api/settings/security/
```

19.38.1. 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`

19.38.2. 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)

19.38.3. Responses

HTTP Code	Description	Schema
201	Created	response_settings_security_create

HTTP Code	Description	Schema
400	Bad Request	No Content
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)

19.38.4. Consumes

- `application/json`

19.38.5. Produces

- `application/json`

19.39. Retrieve the CPM security settings

```
GET /api/settings/security/
```

19.39.1. 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`

19.39.2. 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

19.39.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_security_list > array
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)

19.39.4. Produces

- `application/json`

19.40. Change the CPM tag scan settings

```
POST /api/settings/tagscan/
```

19.40.1. 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`

19.40.2. 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

19.40.3. 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

19.40.4. Consumes

- `application/json`

19.40.5. Produces

- `application/json`

19.41. Retrieve the CPM tag scan settings

```
GET /api/settings/tagscan/
```

19.41.1. 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`

19.41.2. 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

19.41.3. Responses

HTTP Code	Description	Schema
200	OK	< response_settings_tagscan_list > array
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

Name	Description	Schema
tag_scan_excluded_volumes_enabled *optional*		boolean
tag_scan_interval *optional*	Tag scanning schedule interval (hours).	integer

19.41.4. Produces

- `application/json`

19.42. List the selected logs

```
GET /api/settings/tagscan/logs/
```

19.42.1. 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`

19.42.2. 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

19.42.3. Produces

- `application/json`
- `text/csv`

19.43. Run the tag scan operation

```
POST /api/settings/tagscan/run/
```

19.43.1. 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`

19.43.2. Responses

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

Chapter 20. System

20.1. Download a zipped file containing the CPM server log

```
GET /api/system/support_logs/
```

20.1.1. 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:* `1.3.0`

20.1.2. 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

20.1.3. Responses

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

20.1.4. Produces

- `application/x-bzip2`

Chapter 21. Token

21.1. Generate Access & Refresh tokens

```
POST /api/token/obtain/api_key/
```

21.1.1. 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

21.1.2. 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

21.1.3. 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
refresh *optional*	The longer-lived refresh token.	string

21.1.4. Consumes

- `application/json`

21.1.5. Produces

- `application/json`

21.2. Refresh an Access token

```
POST /api/token/refresh/
```

21.2.1. 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

21.2.2. 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

21.2.3. 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

21.2.4. Consumes

- `application/json`

21.2.5. Produces

- `application/json`

Chapter 22. Users

22.1. Create a CPM user

```
POST /api/users/
```

22.1.1. 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:* `1.1.0`

22.1.2. 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 and underscore and dash (no spaces or slashes).	string

data_users_create_profile

Name	Description	Schema
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	boolean
applied_managed_users *optional*	List of managed users assigned to this user.	< integer > array

Name	Description	Schema
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

22.1.3. 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
profile *optional*	User profile.	response_users_create_profile
username *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string

response_users_create_profile

Name	Description	Schema
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	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
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

22.1.4. Consumes

- `application/json`

22.1.5. Produces

- `application/json`

22.2. List CPM users

```
GET /api/users/
```

22.2.1. 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:* `1.1.0`

22.2.2. Parameters

Type	Name	Description	Schema
Query	**ordering** *optional*	Fields to sort the result by (separate multiple values with commas): * 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

22.2.3. 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
profile *optional*	User profile.	response_users_list_profile
username *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string

response_users_list_profile

Name	Description	Schema
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	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
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

22.2.4. Produces

- `application/json`

22.3. Change a CPM user password

```
POST /api/users/me/change_password/
```

22.3.1. 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`

22.3.2. 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

22.3.3. Responses

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

22.3.4. Consumes

- `application/json`

22.4. Retrieve a CPM user

```
GET /api/users/{id}/
```

22.4.1. 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:* `1.1.0`

22.4.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*	A unique integer value identifying this user.	integer

22.4.3. 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
profile *optional*	User profile.	response_users_read_profile

Name	Description	Schema
username *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string

response_users_read_profile

Name	Description	Schema
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	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
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

22.4.4. Produces

- `application/json`

22.5. Update a CPM user

```
PUT /api/users/{id}/
```

22.5.1. 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:* `1.1.0`

22.5.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*	A unique integer value identifying this user.	integer
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_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	boolean
applied_managed_users *optional*	List of managed users assigned to this user.	< integer > array

Name	Description	Schema
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

22.5.3. 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
profile *optional*	User profile.	response_users_update_profile
username *optional*	Name can only contain alphanumeric characters and underscore and dash (no spaces or slashes).	string

response_users_update_profile

Name	Description	Schema
allow_file_level_recovery *optional*	If set, the user has permission for file level recovery operations.	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
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

22.5.4. Consumes

- `application/json`

22.5.5. Produces

- `application/json`

22.6. Delete a CPM user

```
DELETE /api/users/{id}/
```

22.6.1. 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`

22.6.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*	A unique integer value identifying this user.	integer

22.6.3. 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

22.7. Reset a CPM user password

```
POST /api/users/{id}/reset_password/
```

22.7.1. 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`

22.7.2. Parameters

Type	Name	Description	Schema
Path	**id** *required*	A unique integer value identifying this user.	integer
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

22.7.3. Responses

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

22.7.4. Consumes

- `application/json`

Chapter 23. Workers

23.1. Create a worker configuration

```
POST /api/workers/
```

23.1.1. 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:* `1.1.0`

23.1.2. 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

23.1.3. 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
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

23.1.4. Consumes

- `application/json`

23.1.5. Produces

- `application/json`

23.2. List worker configurations

```
GET /api/workers/
```

23.2.1. 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`

23.2.2. 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

23.2.3. Responses

HTTP Code	Description	Schema
200	OK	< response_workers_list > array
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
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

23.2.4. Produces

- `application/json`

23.3. Retrieve a worker configuration

```
GET /api/workers/{id}/
```

23.3.1. 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`

23.3.2. Parameters

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

23.3.3. 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

Name	Description	Schema
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
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

23.3.4. Produces

- `application/json`

23.4. Update worker configuration

```
PUT /api/workers/{id}/
```

23.4.1. 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:* `1.1.0`

23.4.2. 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

23.4.3. 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
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

23.4.4. Consumes

- `application/json`

23.4.5. Produces

- `application/json`

23.5. Delete a worker configuration

```
DELETE /api/workers/{id}/
```

23.5.1. 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`

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