

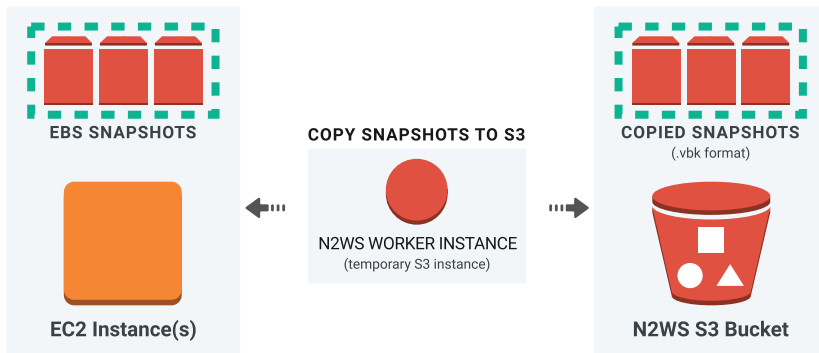


# How to Optimize AWS Backup Costs

Learn how to protect your AWS data in the most cost-effective and efficient way with N2WS Backup & Recovery.

## How does S3 transfer work?

When N2WS copies snapshots to Amazon S3, it launches a temporary S3 worker instance to write objects into S3. As soon as the tasks are completed, the worker instances are terminated. EBS snapshots are exported into a proprietary .VBK format, giving you the ability to restore backups to AWS or offsite using Veeam Backup and Replication.



## Best practices for saving additional time + money on AWS:

- ✓ Define policies + schedules that suit your operational workflows and SLAs
- ✓ Save time by backing up VPC settings that can be restored in one click
- ✓ Switch off non-critical instances when they're not in use and save even more

## Where cost savings come from:

*The longer the storage terms, the more you save!*

S3 storage costs significantly less than EBS (saving about 56%). PLUS, through compression + deduplication as the snapshot is transferred to our S3 repo, you'll save an extra 30-40% on long-term storage costs.

Using Standard EBS Snapshots (8TB)	
EBS daily snap retained for 1 month PLUS EBS monthly snap retained for 2 years	
Using the N2WS S3 Repository (8TB)	Cost Savings
EBS daily snap retained for 1 month PLUS EBS monthly snap retained for 2 years in S3 repo	60+%

## When NOT to copy backup snapshots to S3:

- ✗ S3 backup increments **more frequent than 1 week** (weekly at minimum!)
- ✗ S3 retention periods **shorter than 3 months** (3-month minimum!)
- ✗ Data that needs **immediate availability** (S3 has longer RTO than EBS)

With N2WS Backup & Recovery, you can significantly lower your AWS storage costs by moving EBS snapshots to an Amazon S3 repository for long term storage.

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