

SOLUTION BRIEF

Data Protection for AWS Outposts

Scalable rapid restore with ransomware protection using Commvault Complete Data Protection.

AWS Outposts creates a consistent hybrid experience by extending AWS infrastructure, services, APIs, and tools to virtually any data center. As with other critical infrastructure, protecting AWS Outposts workloads is a critical part of your data-protection strategy. Pure Storage® FlashBlade® with Commvault Complete Data Protection software provides a comprehensive backup, restore, and migration solution. With Pure, you gain scalable rapid restore and ransomware protection to protect your AWS Outposts data.

Next-Generation Data Protection for AWS Outposts

Pure FlashBlade is a next-generation all-flash, highly scalable, unified fast file and object storage system. We designed it to deliver high-speed read and write performance for any unstructured data and application requirements.

When you combine FlashBlade and Commvault, you can back up and recover your AWS Outposts data to FlashBlade as an AWS Simple Cloud Storage (S3) target. With Pure and Commvault, you can back up files and directories within an on-premises AWS Elastic Computing (EC2) instance directly to FlashBlade. You can also use Commvault's Amazon hypervisor configuration to back up entire EC2 instances to FlashBlade.

Ransomware Protection with SafeMode Snapshots

SafeMode Snapshots are a built-in FlashBlade feature. Use them to create encryption-resistant, read-only snapshots of backup data and associated Commvault metadata catalogs. SafeMode Snapshots also include additional credential protection levels. These help protect Commvault and your AWS Outposts backups from ransomware attacks.

In the event of an attack, FlashBlade provides valid backup images and a high-speed recovery platform. These help to get your AWS Outposts infrastructure up and running with minimal downtime.



Data Protection

- Complete backup, restore, and orchestration
- Scalable rapid restore



Ransomware Protection

- Policy-based immutable snapshots



Tested and Certified

- Recognized as an AWS Outposts Ready Designated Solution
- Part of a Pure Validated Design

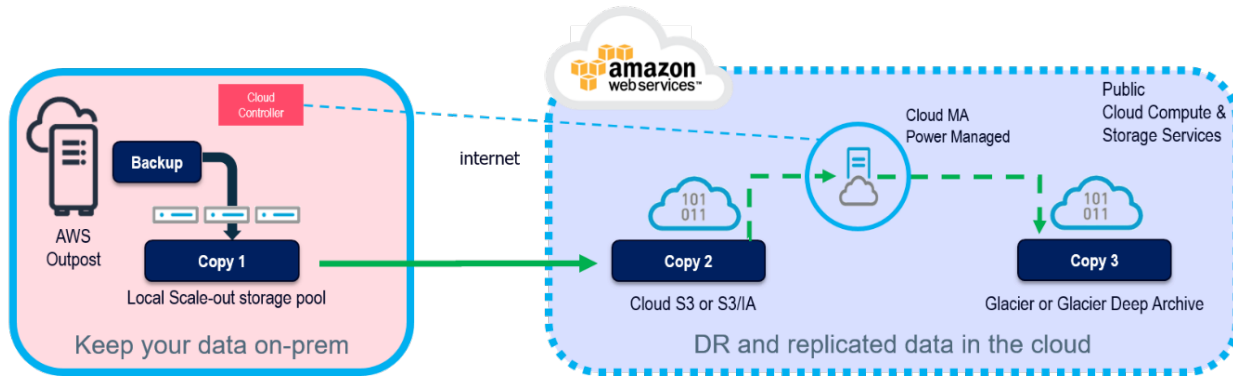


Figure 1. Commvault Complete running AWS Outposts.

AWS Outposts, Commvault Complete Data Protection, and FlashBlade

Commvault Complete Data Protection software is a certified AWS Outposts Ready solution that provides full support for protecting AWS Outposts. The Commvault Media Server can reside either inside or outside the AWS Outposts infrastructure. This improves application availability on-premises and across AWS Outposts deployments and regions. Benefits include:

- Flexible deployment options
- Storage efficient backups
- A Pure Validated Design and AWS Outposts Ready designated solution



Additional Resources

- Read the [Reference Architecture](#) for Pure Storage FlashBlade for AWS Outposts.
- Find out more about [ransomware protection](#) with Pure Storage and Commvault.
- Learn [best practices](#) for configuring Commvault with FlashBlade.

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