On-Demand, Pay-As-You-Go Disaster Recovery with VMware Cloud on AWS

Best-in-class data protection solutions at edge, core and cloud

Benefits

Flexibility

- On-demand access to VMware Cloud on AWS for disaster recovery. No need for additional hardware infrastructure or a secondary site for disaster recovery operations.

Cost

- High performance, enterprise-class cloud disaster recovery service, priced for smaller organizations.

Faster recovery times

- Dell EMC data protection reduces time to recover in the event of a disaster by up to 85%[1].

Failover

- After a disaster strikes, failover from your Amazon S3 cloud storage to VMware Cloud on AWS and resume operations.

RTO

- Get your systems back in minutes. Achieve aggressive Recovery Time Objectives with efficient recoveries in VMware Cloud on AWS.

Compliance

- Faster recovery times may help avoid fines for missing deadlines.

Use the public cloud to keep your business operating

For SMB to mid-market to the enterprise, agility is key. It's how you win in today's competitive environment. It's also why so many businesses are looking to the cloud for backup and recovery of business-critical data, workloads and systems.

Cloud disaster recovery (DR) enables IT admins to back up data and applications to a secure off-premises location, providing off-site protection that enables virtual machines to quickly be brought up and running again in minutes in the case of a disaster – minimizing downtime and keeping business up and running. In fact, Dell EMC data protection reduces time to recover in the event of a disaster by up to 85%[1].

For organizations that want to protect their VMware workloads, the Dell EMC Data Protection offering for VMware Cloud on AWS provides an extremely simple disaster recovery solution for workloads running on VMware Cloud on AWS. The DR solution, utilizing VMware Cloud on AWS, allows organizations to save VM images to Amazon S3 storage. Selected VM images can be recovered on demand to VMware Cloud on AWS in case of a disaster event, rather than recovering your entire VM environment at once. This solution offers business continuity, allowing you to continue operations in your own environment from a copy in VMware Cloud on AWS. This solution also requires Cloud DR Server (CDRS) running during on-going protection. Other benefits include:
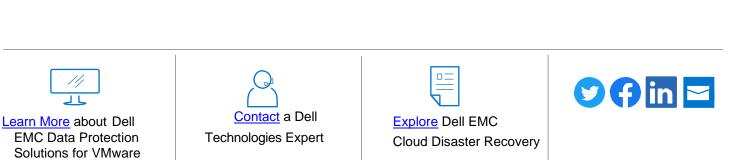
- **Native VMware Protection** – No conversions needed means simpler and faster recoveries
- **Performance** – Cloud infrastructure means faster I/O and top performance when running your DR copy
- **Powerful** – Enterprise-level protection and simplified workflows, priced for SMB and mid-market customers
- **Failover** – 3-click failover to your DR copy after disaster strikes
- **Cost Effective** – Affordable, pay-as-you-go licensing perfect for SMB and mid-market organizations

Add additional bundles to replenish or expand coverage

[1]Based on ESG review commissioned by Dell, "Analyzing the Economic and Operational Benefits of the Dell EMC PowerProtect Data Protection Portfolio", September 2020, evaluating the economic value of the Dell EMC data protection portfolio. Actual results will vary

How it works:

1. **Back up your VMware production environment** on-premises with a Dell EMC Data Protection solution: Dell EMC PowerProtect DP series appliances, Dell EMC Data Protection Suite, Dell EMC PowerProtect Data Manager, Dell EMC PowerProtect DD series appliances or RecoverPoint for Virtual Machines (RP4VM).

2. **Use the Cloud DR software with your Dell EMC Data Protection solution to write a replica backup copy to AWS S3**

   - For PowerProtect DP series appliances or Avamar and PowerProtect DD series appliances, you need to add an additional Cloud DR software license. For Data Protection Suite, PowerProtect Data Manager and RP4VM, Cloud DR is included with no need for additional license.

   - Achieve your off-site backup copy with a simple low-cost monthly bill through AWS.

   - Compression reduces the backup footprint and optimizes size for replication.

   - Manage this off-site replication process through your on-premises Dell EMC Data Protection UI (Either Avamar/PowerProtect Data Manager or RP4VM UI).

3. **If disaster strikes, 3 clicks to failover**

   - Your backup is failed over to VMware Cloud on AWS and restored from Amazon S3

   - No persistent VMware Cloud on AWS instances needed

   - Restore and operate on the high-performance cloud infrastructure

   - No file or format conversion needed means fast recoveries

   - Use native VMware tools to manage and operate

Learn More about Dell EMC Data Protection Solutions for VMware

Contact a Dell Technologies Expert

Explore Dell EMC Cloud Disaster Recovery

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