

DELL EMC CLOUD DISASTER RECOVERY

For Dell EMC Integrated Data Protection Appliance (IDPA)

Simply powerful data protection into the cloud

Simple

- All-in-one data protection appliance with storage and software
- Easy to deploy, scale and manage via single pane of glass
- Seamless integration in VMware UI

Powerful

- Native cloud disaster recovery, failover in 3 clicks, failback in 2
- Up to 3x faster VM backups, 10x faster VM restore¹

Cost-effective

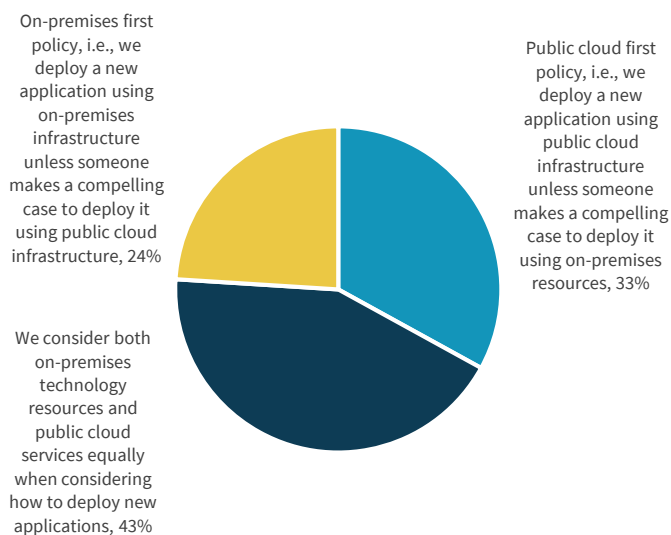
- Direct protection from IDPA on-premises into AWS, Azure and VMware Cloud on AWS
- No backup infrastructure needed
- Average 55:1 source-side deduplication²
- Up to 33% less space required¹
- Low cost to protect, guaranteed³

Cloud-based disaster recovery for IDPA

Dell EMC views the cloud as a deployment choice. Whether your data and applications reside on-premises or moving into the cloud, Dell EMC enables cloud protection across the entire protection portfolio while creating a new class of data protection cloud solutions and services – including backup, long-term retention and disaster recovery to the cloud. The Dell EMC Integrated Data Protection Appliance (IDPA) is an all-in-one data protection appliance that combines protection storage and software, backup, replication, recovery, deduplication, instant access and restore, seamless VMware integration, search and analytics and cloud-readiness with features such as Cloud Tier and Cloud Disaster Recovery.

ESG multi-cloud study

An ESG's study shows that 37.8% of data is expected to be cloud resident within 24 months and 77% have repatriated a cloud-resident mission critical workload. These organizations commonly look to the cloud's scale, elasticity, agility, and low cost to store and manage data as compelling advantages to their businesses.



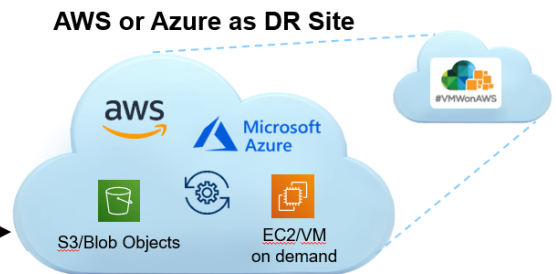
Dell EMC cloud disaster recovery

Cloud Disaster Recovery (Cloud DR) allows enterprises to copy protected VMs from their on-prem IDPA to the public cloud (AWS, VMware Cloud on AWS, or Azure) for the orchestration and automation of DR testing, and provides simple DR fail-over and failback of Tier 2 workloads to/from the cloud in a disaster scenario. Failover requires just 3 clicks and failback requires just 2 clicks. Extension of the existing data protection from customers' premises to the cloud provides a familiar user experience, thus requiring minimal education and training. Additional benefits of Cloud DR include minimal cloud footprint during routine operation and orchestrated recovery.



Integrated Cloud DR

3 clicks to failover



Protect in AWS, Azure or VMware Cloud on AWS

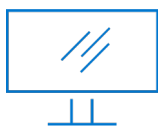
2 clicks to failback

Additional Enterprise Benefits

Cloud DR allows you to safeguard production environments without the expense and management of replicating workloads to a secondary site—a great way to improve upon existing disaster recovery plans with minimal cost and resources. With Cloud DR, larger organizations can replace traditional in-house disaster recovery solutions with updated functionality and flexible subscription terms that support their plans for data growth.

Summary

With disaster recovery from Dell EMC, you can transform your data center to enable greater operational efficiency, resiliency and scalability. Whether you want to leverage cloud computing now or in the near future, only Dell EMC can help you transform your environment for the future, laying the technical foundation for the data center while modernizing your data protection for the cloud right along with it.



[Learn More](#) about Dell EMC IDPA solutions



[Contact](#) a Dell Technologies Expert

¹ Based on ESG whitepaper by Dell EMC, "Efficiently Protect Virtual Environments with Integrated Data Protection Appliances from Dell EMC", January 2020. Results based on comparison performance of IDPA DP5800 against a competitive clustered server appliance solution, Vendor X. Actual results will vary.

² Based on Dell EMC internal analysis of customer data as of May 2018.

³ Based on ESG whitepaper by Dell EMC, "The Economic Value of Data Domain and Integrated Data Protection Appliances (IDPA)", June 2018. Actual costs will vary.