Dell Data Protection Solutions for AWS

Cyber resilient, multicloud data protection for VMs, containers, cloud-native and SaaS workloads

Simplify IT
Consistent operations
on-premises and in AWS

Reduce Risk
Secure multicloud data protection
and cyber resiliency

Lower Costs
Scale up or scale down data
protection on-demand

Dell is an AWS Certified Partner –
Advanced Level, with solutions
available in AWS Marketplace for
both AWS and AWS GovCloud (US)
regions

Many organizations are leveraging public cloud environments to increase agility and optimize costs. The challenge is as data and workloads increase across multicloud and on-premises environments, data protection and cyber resiliency becomes much more complex – increasing the risk of data loss, downtime, and potentially, lost revenue.

Dell helps simplify the protection of critical workloads and data wherever they reside with cyber resilient, multicloud data protection solutions that can be deployed right from the AWS marketplace.

Backup administrators and data owners can protect, secure and recover critical workloads (VMs, Kubernetes containers, cloud-native apps and SaaS) in AWS the same way they manage them on-premises, for a simplified and a consistent operational experience.

Dell multicloud data protection solutions help drive operational efficiency, resiliency and scalability while reducing the total cost of ownership.
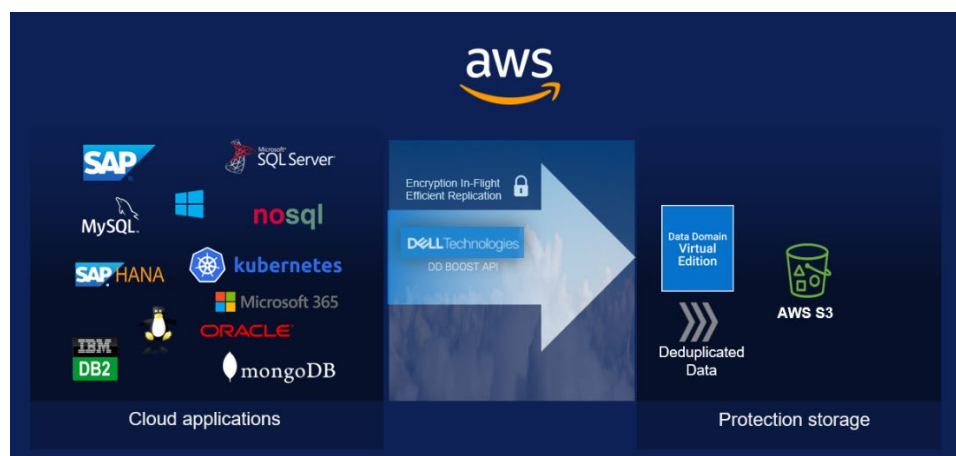
Multicloud data protection for AWS

Dell cloud data protection solutions for AWS support these use cases:

Cyber Resiliency

Through AWS Marketplace, you can easily purchase and deploy a Dell PowerProtect Cyber Recovery Vault, enabling you to securely isolate and recover critical data within AWS. This solution enhances cyber resiliency and minimizes the impact of potential cyberattacks.

Cyber Recovery for AWS delivers robust, multi-layered protection against cyberattacks and insider threats. By isolating critical data in a logically secure, dedicated cyber recovery vault, it moves your valuable assets away from the attack surface. With flexible recovery options, it empowers you to restore data quickly and confidently after an incident, ensuring a resilient and reliable recovery process.

In addition, CyberSense for AWS provides adaptive analytics, machine learning and forensic tools to detect, diagnose and accelerate data recovery, allowing customers to diagnose, recover quickly and avoid business disruption in the public cloud.

In-Cloud Protection

Efficiently protect VMs and cloud IaaS and PaaS workloads with Dell Data Protection Suite and PowerProtect Data Domain Virtual Edition.
Data Domain Virtual Edition stores deduplicated backup copies on low-cost S3 storage resources, reducing AWS storage and EC2 footprint and reducing cloud costs.

Modern Workload Protection

Dell PowerProtect Data Manager with Data Domain Virtual Edition delivers integrated protection for Amazon Elastic Kubernetes Service (EKS), with self-service capabilities that enable developers and IT administrators to automatically protect Kubernetes containers, pods, clusters and namespaces while enabling application consistent recoveries of containerized workloads.

Data Manager also protects cloud-native workloads like Mongo DB, Cassandra, Postgre SQL and Hadoop, giving organizations a single platform to protect and recover traditional and modern workloads across their on-premises and multi-cloud environments.

Data Protection Management for AWS Storage Snapshots

Dell PowerProtect Cloud Snapshot Manager (CSM) is a SaaS component of Data Manager. CSM allows AWS customers to discover, orchestrate and automate native AWS snapshots across multiple cloud accounts and regions.

CSM reduces costs by automatically deleting unnecessary snapshots. Additionally, CSM is integrated with DDVE, which allows you to take advantage of industry-leading deduplication and low-cost cloud object storage, so you can retain data longer while reducing cloud costs.

Cloud Disaster Recovery

Dell Cloud Disaster Recovery (Cloud DR) enables the copying of backed up VMs from on-premises Dell Data Protection environments to AWS or AWS GovCloud for DR testing, failover and failback of AWS workloads in a disaster scenario.

Cloud DR offers true, automated and orchestrated disaster recovery without the need to configure dedicated backup and recovery infrastructure in the cloud.

Long-Term Retention

Dell Cloud Tier enables automated, native tiering of deduplicated data to AWS and AWS GovCloud, to meet long-term retention and compliance requirements. This cost-effective solution allows you to lower your overall TCO by sending only unique data to AWS, reducing cloud compute, storage footprint and networking bandwidth.

Protection for VMware Cloud on AWS

Dell offers proven enterprise data protection and increased resiliency for workloads running on VMware Cloud on AWS.

Designed with operational simplicity and agility in mind, Dell data protection solutions are designed to automate the protection of VMs, Kubernetes containers, cloud-native apps and traditional workloads. Dell data protection solutions seamlessly integrate with your on-premises and cloud VMware environments to automate operations and simplify administration.

SaaS Protection for AWS Workloads

Dell PowerProtect Backup Services delivers a consistent data protection experience across SaaS apps, like M365, Google Workspace and Salesforce.com. PowerProtect Backup Services also provides protection for endpoints, like desktops/laptops, smartphones and hybrid workloads and offers infinite, on-demand scalability and ensures predictable and controllable costs.

SaaS-based data protection from Dell further empowers you to embrace the cloud services you need without having to be concerned for the safety of your data, while delivering a flexible consumption model that aligns with your cloud-based requirements.
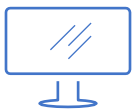
Dell Multicloud Data Protection and AWS

Make the most of your AWS investment with secure multicloud data protection and cyber resiliency solutions from Dell that can be purchased directly from the AWS marketplace.

With its integration and partnership with Amazon, Dell is a trusted partner in data protection whether your workloads are running on-premises or in the cloud. Our secure multicloud data protection solutions let you protect your data in AWS with confidence while helping you maximize your cloud ROI.

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