

Dell EMC PowerProtect Data Manager

Next generation cloud data protection

Essentials

- Software-defined data protection
- Autonomous operations – automated discovery and protection of databases, virtual machines, file systems and Kubernetes containers
- Multi-cloud optimized - leverage the cloud for all cloud data protection use cases, including long term retention, disaster recovery, backup to cloud and backup in cloud
- Self-service backup and restore - enable data owners from their native interfaces
- Centralized oversight and governance - mitigate risk and assures compliance of SLAs and SLOs
- Efficient protection - protect data directly to PowerProtect appliances
- Cyber recovery – increase business resiliency to rapidly recovery from cyber incidents
- Simple protection workflows minimize daily operations
- Cloud-based monitoring and analytics

Discover, manage, protect and restore data

- Kubernetes and OpenStack
- VMware and open hypervisors, including Nutanix, Citrix, Red Hat, KVM, and others
- Oracle
- Microsoft SQL and Exchange
- SAP HANA
- Windows and Linux Filesystems

Gain confidence your data is protected and available to drive value as a business asset

The IT landscape has changed. Reasons to protect workloads extend beyond IT-driven application restores and disaster recovery. Backup requirements have transcended IT teams and crossed over to application and data owners who aspire to do more than simply restore data.

To support these expanding use cases and requirements, backup applications are transforming to provide more than just access to backups and restore capabilities including:

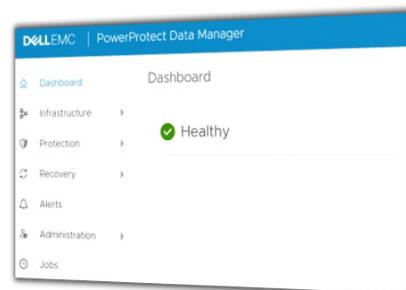
- Analysis and reuse for dev/test
- Leverage the cloud to extend data center capabilities
- Protect cloud native applications
- Enable self-service backup and restore from native applications
- Maintain centralized governance and control
- Increase business resiliency to rapidly recovery from cyber incidents

In order to address this wide range of requirements, PowerProtect Data Manager is at the forefront of this transformation to modern data protection.

Modern cloud data protection

Address these challenges by transitioning into a broader cloud data protection strategy. One that places you on the path to modernizing your data center and unlocks the value of your data and applications for everyone. This is an evolution – and it begins with PowerProtect Data Manager.

Data Manager gives you valuable insight into protected on-premises and in-cloud workloads, applications, file systems, and virtual machines. Plus, complete oversight and governance to ensure compliance.



Designed with operational simplicity and agility in mind, Data Manager enables the protection of traditional workloads including Oracle, Exchange, SQL, SAP HANA and file systems as well as Kubernetes containers and virtual environments. Restore data on-premises or in the cloud. Governance control ensures IT compliance, making even the strictest service level objectives obtainable.

Autonomous operations

Automatically discover and protect databases, virtual machines, file systems and Kubernetes containers, while a common policy engine automates compliance and governance across workloads. You can instantly access protected virtual machine images to support new use cases such as quickly deploying development and test environments. PowerProtect Data Manager is the only solution to provide native vSphere integration with vCenter for VM protection, offering storage and backup admins, as well as VM owners, to choose a storage policy to apply to every VM automatically when it is instantiated.

Multi-cloud optimized

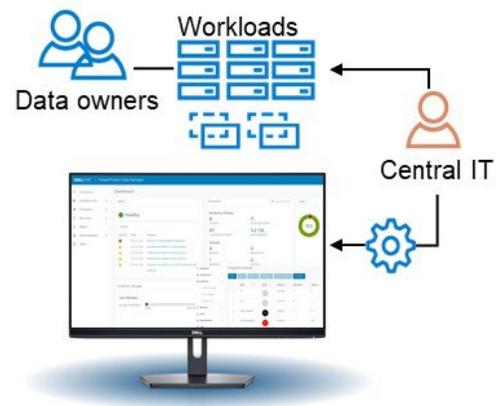
Leverage the cloud for backup, long-term retention and disaster recovery. Whether you're focusing on the private, public or hybrid cloud, you can be confident your data is protected at the level you need.

PowerProtect Data Manager extends protection to the cloud by tiering backups to cloud storage for long-term retention to maximize retention and access to backups without impacting on-premises protection storage resources. Data Manager also protects in-cloud workloads running on AWS, AWS GovCloud, Azure, Azure Government and Google Cloud, as well as enables disaster recovery to the public cloud. Automated orchestration of fail-over, failback and testing simplify production disaster recovery scenarios.

Self-service for data owners combined with central IT governance

Extend data protection for expanding use cases while maintaining control by empowering data and application owners to perform self-service backup and restore operations from native applications directly to Dell EMC PowerProtect appliances. When superior performance is crucial, PowerProtect Data Manager provides a direct path between Dell EMC storage and PowerProtect DD series appliances. At the same time, Data Manager provides IT with the necessary oversight and governance to ensure compliance.

Data owners and administrators are also empowered with cloud-based monitoring and analytics through Dell EMC CloudIQ, which provides telemetry, machine learning and predictive analytics to proactively take action and speed time to resolution.



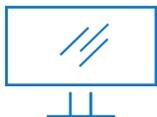
Increase business resiliency with cyber recovery capabilities

Protect, isolate and recover your business-critical data from cyber attacks through automated workflows to protect and isolate critical data, identify suspicious activity and accelerate recovery to allow you to quickly resume normal business operations.

Drive new business outcomes

Unlock the true business value of your data – your most critical business asset – with data protection from edge to core to cloud.

PowerProtect Data Manager offers cost-effective modern data protection for on-premises and in-cloud database workloads, Kubernetes containers, virtual machines and filesystems enabling you to meet your real-time business needs easier and drive new business outcomes.



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