

Dell PowerProtect Backup Services for Hybrid Workloads

Key Capabilities

Data Backup and Recovery

- Incremental-forever backup model
- Unlimited full restore points for quick recovery (no restore egress charges)
- Global, source-side, inline deduplication (Petabyte scale)
- High-speed, LAN-based backup and restore with Cloud Cache for tight RTO/RPO needs
- Search across snapshots for granular and high-performance recovery

Data security and privacy

- Immutable, air-gapped backups
- 256-bit AES and TLS 1.2 encryption
- SOC-2 Type II, HIPAA, Privacy Shield certification
- No key management required

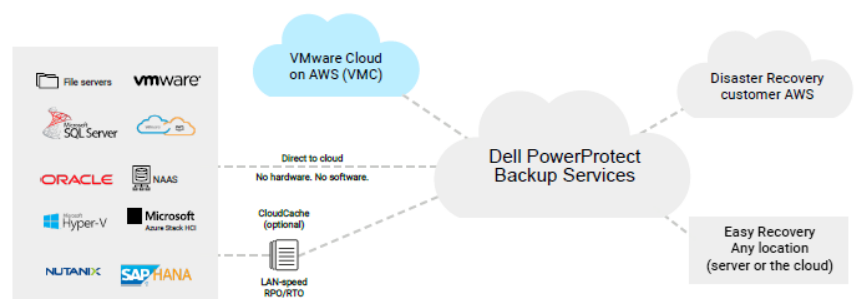
Data archiving

- No limitation to the number of aged snapshots
- Shared global dedupe index for lower-cost, long-term storage

Protect your data center workloads in the cloud

As businesses adopt a cloud-first strategy, the limitations and complexities of traditional data protection become more apparent. This drives the need to develop a data protection strategy that ensure the same level of protection for both on-premises and cloud workloads. With PowerProtect Backup Services for Hybrid Workloads businesses can protect their data center workloads with a unique cloud-native approach.

Delivered as a service, PowerProtect Backup Services for Hybrid Workloads combines high performance, scalable backup, disaster recovery and long-term retention to simplify data protection, reduce costs and improve data visibility for today's complex information environments. Organizations can achieve their most aggressive business Service Level Agreements (SLA) and reduce Total Cost of Ownership (TCO). With no hardware and no complexity, businesses can get started within minutes.



Unified backup, archival and DR in the cloud

By leveraging the elasticity and scale-out capabilities provided by the cloud, PowerProtect Backup Services enables organizations to centralize the data protection and management of hybrid workloads that can run in the data center or in any public cloud (e.g. AWS, Azure, GCP). Workload coverage includes physical servers, virtual servers (VMware, Microsoft), hybrid cloud infrastructure (VMware Cloud), any NAS storage, and databases (MS-SQL, Oracle).

Up to 40% lower TCO

Being 100% cloud-native, PowerProtect Backup Services requires no additional hardware or software for data protection, employs an auto-tiering model for cost-efficient storage, provides global scale-out deduplication reducing bandwidth usage with the smallest storage footprint, and offers customers a true consumption-based model that eliminated wasted resources. Furthermore, there are no restore (egress) charges and customers only pay for data stored, post-global deduplication in the cloud.

Meeting application data recovery speeds

PowerProtect Backup Services for Hybrid Workloads delivers against stringent Recovery Point Objectives (RPOs) and Recovery Time Objectives (RTOs) requirements of critical applications while eliminating the complexity and costs associated with on-premises infrastructure. For demanding RPOs and RTOs in the data center, CloudCache can be installed to resolve bandwidth constraints and to achieve fast restores of files and VMs (e.g. Instant Restore for VMware).

Industry-leading data security and privacy

The PowerProtect Backup Services approach to store enterprise data utilizes both an advanced data-scrambling algorithm and a unique envelope-based encryption model where the data and metadata are decoupled and encrypted. This ensures that your data is only accessible by you. This is a critical component to meeting today's stringent global data privacy regulations. PowerProtect Backup Services for Hybrid Workloads provides immutable backups, and high performance restores to prevent the encryption or destruction of backup data by ransomware or malicious insiders.



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