

PowerProtect DD Series Appliances

The Ultimate Protection Storage Appliance

PowerProtect DD Series

Fast, Secure, Efficient

- 38% faster backups with up to 94 TB per hour
- 36% faster restores
- 50% faster Instant Access/Restore with up to 60k IOPS and up to 64 VMs
- 25% more capacity in half the rack space - up to 1.25 PB useable capacity and 81.3 PB logical capacity for DD9900
- 30% improvement in logical capacity driven by up to 65x data reduction
- Up to 39% lower rack space
- Grow-in-place capacity
- Support for PowerProtect Cyber Recovery

Multi-Cloud Protection

- Cloud Tier for long term retention
- Cloud Disaster Recovery
- Software-defined data protection

Expands Multi-Dimensional Appliance Portfolio

- Scale-up and out
- On-premises and multi-cloud
- Integrated and target
- All Flash and Hybrid

Dell EMC Data Protection

The importance of data protection continues to increase as the volume, variety and velocity of data grows exponentially and workloads span the edge, core, and cloud. Simultaneously, organizations face increased exposure to data loss from a variety of reasons including human error, man-made and natural disasters, and increasingly security threats and cyber-attacks. The Dell EMC Data Protection Portfolio has been built to provide organizations of all sizes with comprehensive protection of their data to ensure availability, no matter where it lives.

For over a decade Data Domain has been the foundation of the Dell EMC data protection portfolio and is the industry leader for Purpose Built Backup Appliances, helping thousands of customers protect their data on premise and increasingly in the cloud.

PowerProtect DD Series Appliances represent the next generation of Data Domain, expanding the multi-dimensional appliance portfolio while setting a new bar for performance, efficiency, security and multi-cloud data protection.

PowerProtect DD Series Appliances

Three new physical appliances lead the way with PowerProtect DD6900, DD9400 and DD9900 as well as the existing PowerProtect DD3300 and PowerProtect DD Virtual Edition.



Fast, Efficient and Secure

PowerProtect DD meets stringent SLAs with up to 38% faster backups and 36% faster restores. Higher IOPS with 50% faster Instant Access/Restore with up to 60k IOPS and up to 64 concurrent virtual machines¹. To deliver faster networking compatibility the new appliances also supports 25GbE and 100GbE.

PowerProtect DD9900 can support 25% more usable capacity in a single rack, up to 1.25 PB of useable capacity and 81.3 PB of logical capacity. Hardware assisted compression delivers up to 30% more logical capacity across all three new appliances and rack space is reduced by as much as 39% with new 8 TB drives. PowerProtect DD also offers grow-in-place expansion through half shelf licensing support.

PowerProtect DD appliances support the latest update to Dell EMC Cyber Recovery Solutions with recovery of backups from Cyber Recovery Vault.

Industry Leading Multi Cloud Protection

Extend on premise data protection with PowerProtect DD and Cloud Tier for native tiering of deduplicated data to the cloud. Cloud Tier supports a broad ecosystem of backup applications for both public and private clouds, reducing storage footprint and network bandwidth efficiency.

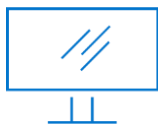
Cost effective disaster recovery is delivered through Data Protection Suite to AWS, Azure and VMware Cloud on AWS. Cloud Disaster Recovery copies protected VM's from on-premises PowerProtect DD to the public cloud and directly onto object storage.

Deploy PowerProtect DD Virtual Edition in the public cloud and backup and replicate directly in a hybrid cloud environment.



Expanded multi-dimensional appliance portfolio

PowerProtect DD builds on the foundation of our multi-dimensional appliance portfolio providing customer choice for expansion depending upon workloads. Scale-up with PowerProtect DD Series Appliances and Integrated Data Protection Appliances or scale-out with the PowerProtect X Series Appliances. PowerProtect DD Series can support any backup application and software. It is the preferred target appliance for the Dell EMC next gen PowerProtect Software and can continue to support the enhancements of Data Protection Suite of products and solutions.



[Learn More](#) about Dell EMC PowerProtect DD Series Appliances



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¹ Based on an 8KB 100% read internal test with DD Boost protocol on PowerProtect DD9900 and DD OS 7.0, August 2019. Actual results may vary.