

Dell Technologies Data Protection and Cyber Security Innovations Help Businesses Safeguard Critical Applications

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News summary

- Dell Technologies expands its PowerProtect portfolio to deliver data protection solutions designed to fit any IT strategy
- New Dell EMC PowerProtect DP series appliances offer significant performance and efficiency improvements with up to 30% more logical capacity, 38% faster backups and 45% quicker restores
- PowerProtect Cyber Recovery is the first on-premises turnkey data vaulting solution endorsed by Sheltered Harbor, the not-for-profit industry organization dedicated to enhancing cyber resiliency in the financial sector
- PowerProtect Data Manager updates include enhanced Kubernetes and cloud data protection capabilities for traditional and modern workloads



Full story

Dell Technologies (NYSE: DELL) introduces new [Dell EMC PowerProtect DP series](#) integrated appliances and PowerProtect Data Manager software advancements to help customers protect, manage and recover data from traditional and modern applications across core data centers, edge locations and public clouds. Dell, the industry leader in data protection appliances and software¹, also announces PowerProtect Cyber Recovery is the first data vaulting solution endorsed by Sheltered Harbor to enhance cyber resiliency in the financial sector.

"Companies are managing almost 40% more data than last year according to this year's Dell Technologies [Global Data Protection Index Snapshot](#). Along with exponential data growth, the rise of multi-cloud strategies and modern applications creates new challenges," said Jeff Boudreau, president and general manager, Infrastructure Solutions Group at Dell Technologies. "Data protection is not a one-size-fits-all proposition. Dell Technologies continues to advance our target and integrated appliances portfolio and software-defined data protection offerings, helping customers manage today's challenges while keeping an eye on what lies ahead."

Dell EMC PowerProtect DP series offers modern integrated data protection

PowerProtect DP series is Dell's next generation integrated data protection appliance, offering complete backup, recovery, replication, deduplication, cloud readiness with disaster recovery, and long-term retention to the public cloud.

PowerProtect DP series appliances help customers manage explosive data growth, lower costs and simplify increasing complexities with an all-in-one solution, offering:

- **Extreme performance:** Delivers up to 38% faster backups and up to 45% faster restores.² PowerProtect DP also offers instant access and restore of up to 50% greater IOPS³ (Input/Output Operations Per Second), compared to the previous generation, allowing customers to quickly and easily recover critical data.
- **Greater efficiency:** Provides up to one petabyte of usable capacity with 30% more logical capacity⁴, with up to 65:1 data reduction, enabling customers to store more data in the same space with more cost-effective systems.
- **Energy savings:** Consumes up to 23% less power than previous generation⁵, delivering significant energy and cost-savings.

"The rise of modern applications, multi-cloud strategies and the sheer amount of data created present data protection challenges our company faces every day," said Clifton Dorsey, vice president, Warrell Corporation. "The PowerProtect portfolio, including the new PowerProtect DP series capabilities, help us address these changing IT and data protection requirements."

"The Dell EMC PowerProtect portfolio provides customers with a wide variety of simple, efficient and agile data protection options, so that they can choose the approach that best fits their IT strategy," said Steven Ayoub, president, AHEAD. "Dell Technologies is a very strong partner, and new offerings like the PowerProtect DP series are changing the game in data protection."

Sheltered Harbor endorses Dell EMC PowerProtect Cyber Recovery

Dell Technologies announces that [Dell EMC PowerProtect Cyber Recovery](#) is the first on-premises turnkey data vaulting solution to receive a Sheltered Harbor endorsement. [Sheltered Harbor](#) is the not-for-profit, industry-led initiative dedicated to enhancing the stability and resiliency of the financial sector in the wake of increased cyber-attacks.

PowerProtect Cyber Recovery protects customers from cyber threats ranging from ransomware to insider attacks. The solution's CyberSense analytics and machine learning capabilities allow customers to monitor data integrity, ensuring the continued quality of their data. Forensic tools allow customers to discover, diagnose and remediate ongoing attacks. With this endorsement, U.S. financial institutions can easily deploy an endorsed vaulting solution to protect critical customer data from cyber threats.

PowerProtect Data Manager delivers enhanced Kubernetes and cloud data protection

[PowerProtect Data Manager](#) delivers new value to PowerProtect appliance customers that have cloud, VMware and Kubernetes environments. Data Manager now protects in-cloud workloads in Microsoft Azure and AWS, offering customers greater choice and flexibility in deploying the software.

PowerProtect Data Manager now supports the VMware Tanzu portfolio to protect customers' modern applications. New integrations make it the first solution to provide native vCenter Storage Policy Based Management integration for VM protection⁶.

Customers can save time and better protect their VMs by using well-known workflows from within their VMware vSphere environment to assign data protection policies. Data Manager now also offers a VMware-certified solution to protect the VMware Cloud Foundation infrastructure layer.

Data Manager also offers comprehensive protection for containerized modern applications with agentless, application-consistent protection of open source databases, including PostgreSQL and Apache Cassandra, in Kubernetes environments. Customers now can protect Amazon Elastic Kubernetes Service (EKS) and Azure Kubernetes Service (AKS) to back up Kubernetes cluster-level resources.

"As companies embrace modern IT, they also must adopt data protection solutions that can handle today's challenges without losing sight of what lies ahead," said Phil Goodwin, research director, Enterprise Infrastructure Practice, IDC. "With these updates to the PowerProtect portfolio, Dell is simultaneously simplifying its portfolio and expanding its capabilities to protect both existing and emerging workload requirements."

Flexible Consumption with Dell Technologies On Demand

With Dell Technologies On Demand, PowerProtect customers can choose how to pay for, consume and manage their appliances. With fully managed services, customers can leave their ongoing data protection operations to Dell experts to monitor, operate and optimize their environment, saving time and reducing risk. Flexible payment solutions enable customers to more effectively budget for IT spending, and only pay for technology and services as needed.

Availability

- Dell EMC PowerProtect DP series appliances – DP4400, DP5400, DP5900, DP8900 – will be available globally in December 2020.
- PowerProtect Data Manager enhancements are globally available now.

Additional resources

- BLOG: [Powering Up Data Protection for the Future](#)
- BLOG: [PowerProtect Cyber Recovery Endorsed by Sheltered Harbor](#)
- Connect with Dell via, [Facebook](#), [YouTube](#) and [LinkedIn](#)

About Dell Technologies

[Dell Technologies](#) (NYSE:DELL) helps organizations and individuals build their digital future and transform how they work, live and play. The company provides customers with the industry's broadest and most innovative technology and services portfolio for the data era.

- 1.IDC WW Purpose-Built Backup Appliance Systems Tracker, 2Q20 (revenue), September 2020.
- 2.Based on Dell internal testing with DD Boost protocol on DD9900 within DP8900 with DDOS 7.2 vs. DD9800 within DP8800 with DDOS 7.2, April 2020. Actual results may vary.
- 3.Based on 8KB 100% read internal test to measure peak IOPS, performed on PowerProtect DD9900 and DDOS 7.2, July 2020. Retest performed on DD9900 within DP8900, September 2020. Actual results may vary. Based on field telemetry from PowerProtect DD series appliances. PowerProtect DP series appliances also apply to field telemetry data. Actual results may vary.
- 4.Based on field telemetry from PowerProtect DD series appliances. PowerProtect DP series appliances also apply to field telemetry data. Actual results may vary.
- 5.Based on Dell analysis comparing DP8900 vs.DP8800 max configurations recording kVA, August 2020. Actual results will vary.
- 6.Based on Dell analysis, September 2020.

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