

WHY CUSTOMERS DEPLOY DELL EMC DATA PROTECTION SOLUTIONS FOR SAP

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Dell EMC provides the best-in-class infrastructure to power SAP environments and high-value workloads. Dell EMC infrastructure is the best way for organizations to Modernize their IT to support their mission critical workloads.

1 | Ultimate Protection Storage

Dell Technologies PowerProtect DD Series Appliances are the ultimate protection storage appliances. PowerProtect DD is the next generation of Data Domain appliances from Dell EMC, the #1 customer choice in data protection for the past decade. Combined with SAP, these appliances raise the bar for efficiency in data management from edge to core to cloud. PowerProtect DD Series delivers great performance and efficiency, multi-cloud data protection and meets future demands via a multi-dimensional appliance portfolio.

2 | Leading Backup and Restore Performance and Deduplication

Meet stringent protection SLOs for your high-value workloads by backing up directly from the application server or primary storage to PowerProtect DD Series Appliances. Direct data paths leverage DD Boost agents sending over unique data blocks, reducing storage utilization and network bandwidth by up to 98.46%¹. Recovery is simple — copies are stored as full backups, and only changed data is pulled back. In addition, DBAs can instantly access their backups stored on Dell Technologies' backup storage for simplified granular recovery.

3 | Better Together

Dell Technologies is #1 in Data Replication and Protection Software². When you pair Data Protection Suite with PowerProtect DD, improve SLOs with up to 38% faster backups and up to 36% faster restores in addition to enabling efficient data movement with deduplication³. The most trusted protection storage on the market PowerProtect DD boasts up to 65x deduplication rates⁴ and an invulnerability architecture that verifies data in-line to keep it protected.

4 | Empowering Database Admins

Dell EMC wants to let SAP admins protect their data using their native tools, but also provide them with the simplicity and efficiency of backing up directly to PowerProtect DD. This seamless experience eliminates the complexity of traditional backup software and puts control in the hands of SAP data owners, letting them have the control they need to do backups when they want. Data management via Data Protection Suite offers SAP S/4HANA & BR*Tools integration for backup and recovery.

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5 | Data Protection Suite

Data Protection Suite offers a full-feature solution to support your workloads being protected across multiple environments from core to edge to cloud. Gain visibility into your data protection environment across multiple systems and multiple sites and protect multiple workloads running in a variety of configurations; transfer backup data securely and efficiently into the cloud for disaster recovery

6 | Application Direct

Application Direct leverages native application's management interface to empower application owners to protect their data, directly to protection storage. Application Direct uses DD Boost as the data mover. DD Boost advances PowerProtect DD performance and simplicity differentiators over all competitors. DD Boost provides advanced integration between PowerProtect DD systems and leading backup and enterprise applications. Using DD Boost, the application server only sends unique data to a PowerProtect DD appliance. This enables more backups with existing resources, 20 to 40 percent less overall impact to the server, and 80 to 98 percent less LAN bandwidth consumed.

7 | DD Boost for SAP

DD Boost for SAP provides application centric data protection for SAP applications running on Oracle databases and SAP HANA giving the SAP and/or SAP HANA administrator the ability to perform backups and restores through the familiar SAP BR*TOOLS GUI, CLI and SAP HANA Studio directly to a PowerProtect DD system; without the need for an external backup application.

8 | Storage Direct

Despite the performance benefits that DD Boost provides, some customers still have trouble meeting stringent SLAs. For those customers, they may implement Storage Direct as an augmentation to Application Direct. Storage Direct performs a backup directly to the PowerProtect DD appliance from Dell Technologies primary storage supported devices (PowerMax, VMAX).

9 | Certified

Certified with SAP's Backint API, data protection solutions integrate directly into HANA Studio, giving SAP basis and database administrators direct control over backup and recovery, enabling self-service without any loss of visibility.

10 | Future-Proof Loyalty Program

The [Future-Proof Storage Loyalty Program](#) is Dell EMC's customer program designed to provide investment protection with a set of world class technology capabilities and programs that enable Dell EMC's Storage and Data Protection products to provide value for the entire lifetime of our customer's applications. It is different because it is available to customers at no additional cost either in terms of higher maintenance price or higher product price. The program applies only to Dell EMC Storage and Data Protection products in the Terms & Conditions.

1. Based on internal testing with DDOS 7.0, Aug 2019. Actual results may vary.
2. IDC 2Q19 Storage Software and Cloud Services Overview
3. Based on Dell EMC internal testing with DD Boost protocol on DD9900 with DDOS 7.0 vs. DD9800 with Data Domain OS 6.2, Sep 2019.
4. Based on Dell EMC internal testing with DDOS 7.0, Aug 2019. Actual results may vary.