DELL EMC DATA PROTECTION SUITE FOR APPLICATIONS

Simply powerful database protection

Essentials

PERFORMANCE

- Meet SLOs for large, mission-critical workloads with direct data paths leveraging leading de-duplication technology

- Leverage direct data paths that offer up to 20x faster backup and recovery compared to traditional approaches

- Protect applications and databases without reliance on traditional backup infrastructure

- Reduce or remove impact on application servers

SELF-SERVICE

- Empower database admins to use their own native tools for backup and recovery

- Avoid learning a new UI or process and spending time going to the backup team for protection

GOVERNANCE & AUTOMATION

- Ensure protection and operational efficiency throughout the data center with automated backup team governance for SQL and Oracle

- Capitalize on automatic asset discovery, storage provisioning and protection level assignment

- Utilize central backup catalogue and SLO compliance tracking of retention, copies, recovery objectives and more

Your company's operational databases aren't just important: They're critical. Pair that criticality with exponential growth, and meeting your businesses strict protection SLOs becomes challenging. Allowing database admins (DBAs) to do their own backups, which is the growing trend, saves time – but ensuring those backups are in compliance isn't easy.

Dell EMC Data Protection Suite for Applications delivers a high-performance, self-service data protection solution for mission critical databases that ensures SLO compliance through IT governance and automation.

High-Performance Data Paths

Meet stringent protection Service Level Objectives (SLOs) for your mission critical databases by backing up directly from the application server or primary storage to Dell EMC Data Domain. Depending on your business needs, direct data paths can offer up to 20x faster backup than a traditional solution.

All direct data paths leverage Data Domain Boost, and only send over unique data blocks, reducing storage utilization and network bandwidth by up to 98%. Recovery is simple, as all copies are stored as full backups, and only changed data is pulled back. In addition, DBAs can instantly access their backups stored on Data Domain for simplified granular recovery.

VMware Workloads

Protect VMs quickly with guided on-boarding to take advantage of superior scalability and simplicity—and manage it entirely from one console. Define crash-constent backup and recovery, and then leverage instant access and application aware VM image backup for Microsoft SQL for more efficiency.

Self-Service for Simplicity

Database Admins are leaning into to the data protection conversation and are doing backups themselves. Dell EMC wants to let admins protect their data using their native tools, and let them benefit from the simplicity and efficiency of backing up directly to Data Domain. This solution eliminates the complexity of traditional backup software and minimizes infrastructure requirements. Self-service also decreases the time-to-protection because customers don't have to learn new tools or submit backup requests.

Governance & Compliance

Ensuring that data protection meets business requirements is essential in a self-service environment. Our management and automation platform provides backup team-defined protection plans to monitor, proactively manage and enforce SLO compliance. For example, backup admins can create service

Governance, SLO Compliance & Automation

Supported environments

Primary storage

- Dell EMC PowerMax
- Dell EMC VMAX All Flash
- Dell EMC XtremIO X2

Protection storage

- Dell EMC Data Domain

Applications and databases

- Oracle
- SAP & SAP HANA
- IBM DB2
- Microsoft SQL & Exchange

Operating systems

- Windows
- Linux
- Unix (AIX, Solaris, HP_UX)

plans for each department - such as Finance, Accounting and HR - to define the service level that specific data requires. Administrators can then simply monitor compliance of Mtree replication, copy location and requirements, recover-point objectives, and even retention lock on Data Domain in order to protect against premature deletion or malicious actors.

And while DBAs leverage self-service, backup admins can optionally perform Oracle and Microsoft SQL backups via SLA protection policies when needed.

Automated Protection

Automation of routine processes streamlines protection and helps defend against human error. Since backup team governance is needed to ensure SLO compliance with thousands of servers and assets, keeping track of everything can be difficult. Our IT platform provides automatic discovery of databases, storage and copies, and automates protection plans and Data Domain provisioning. As new SQL and Oracle databases or VMs are added, they will automatically be assigned the appropriate protection plan, reducing the possibility of important data going unprotected.

Learn more about Dell EMC Data Protection solutions

View more resources

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