

DELL EMC DATA PROTECTION SUITE ENTERPRISE EDITION

ESSENTIALS

Value

- Protects data using technologies ranging from replication to snapshot to backup and archive
- Boasts the industry's tightest integration with Dell EMC Data Domain® providing 38x deduplication rates
- Delivers unified index and search of file and NAS backups
- Leverages long-term retention to public, private or hybrid cloud as a replacement for tape
- Provides global copy data oversight and management without compromising self-service workflows
- Provides replication and disaster-recovery to any point in time

Simplicity

- Provides centralized management, analysis and reporting
- Empowers application owners to use their native tools
- Delivers common user experience whether on-premises or in the cloud

Flexibility

- Covers all consumption models, from on-premise to virtualized environments to hybrid and public clouds
- Delivers heterogeneous platform support while supporting a broad range of apps
- Mix and match software anytime to deploy across physical and virtual environments

Investment Protection

- Reduces total cost of ownership
- Optimizes storage tiers with archiving to maximize performance and lower costs
- Modify the mix over time as data grows and environment evolves

Dell EMC® Data Protection Suite Enterprise Edition provides enterprise organizations with industry-leading data protection through a comprehensive solution built to meet the needs of organizations of all types and sizes. Whether your data protection environment is rich with mission critical applications, fully virtualized, focused on backup and recovery with requirements for supporting many different use cases including NAS, ROBO, cloud and disaster recovery, or a complex assortment of these, Data Protection Suite Enterprise Edition is designed to satisfy the needs of your business. Using technologies ranging from replication to snapshot, backup and archive, Enterprise Edition delivers protection based on the value of the data and service levels that align to business objectives.

As a result of exponential data growth, regulatory compliance, strict service-level agreements, and shrinking backup windows, companies are rethinking data protection methods. And IT teams face additional challenges from accelerated virtualization and movement to the cloud, there is the need to protect data residing throughout the enterprise more effectively.

The reality is that most companies manage their applications and data in multiple places: from on-premises traditional infrastructures to virtualized environments to hybrid and public clouds. These conditions call for a data protection strategy that acknowledges the current landscape and protects data across them all, because you will likely need to protect more than one of these environments for some time.

WHAT'S INCLUDED

The components in Data Protection Suite Enterprise Edition delivers comprehensive data protection according to the requirements of your organization's environment. Together, these modules deliver unique and industry-leading capabilities allowing for holistic management of SLAs and SLOs for corporate IT infrastructure.

AVAMAR

Dell EMC Avamar enables fast, efficient backup and recovery through its integration with Data Domain as well as its integrated variable-length deduplication technology. Avamar is optimized for fast, daily full backups for cloud, virtual and physical environments, network-attached storage (NAS), enterprise applications remote offices and desktops/laptops. By deduplicating data with Data Domain backup storage is reduced by up to 36x, backup times by 50% and network bandwidth consumption can be reduced by up to 99%. All data is always encrypted and compressed in-flight to meet security and compliance regulations. With Dell EMC Data Domain Cloud Tier, Avamar delivers highly efficient and secure long-term retention (LTR) of backups to the cloud. Avamar configured with Data Domain Virtual Edition on object storage enables cost effective data protection of applications running in AWS and Azure. In addition, Avamar delivers disaster recovery to the public cloud. Avamar Virtual Edition (AVE) simplifies deployment of data protection within a Software Defined Data Center.

NETWORKER

With enterprise-level performance and flexibility, Dell EMC NetWorker backup and recovery software centralizes, automates and accelerates data backup and recovery across your IT environment to protect critical business data in a fast, secure and easy to manage way. By deduplicating data with Data Domain Boost - identifying only unique daily changes - backup storage is reduced by up to 36x, backup times by 50% and network bandwidth consumption can be reduced by up to 99%.

With Data Domain Cloud Tier, NetWorker delivers highly efficient and secure long-term retention (LTR) to the cloud, NetWorker Virtual Edition speeds deployment for the Software Defined Data Center.

STORAGE DIRECT

Dell EMC Storage Direct provides up to 20x faster, more efficient backup and 10x faster recovery while eliminating the backup impact on application servers. By integrating primary storage and industry-leading protection storage, Storage Direct reduces cost and complexity

by eliminating traditional backup applications while still providing the benefits of native backups. DBAs are empowered to do their own backups, while backup admins can ensuring compliance.

APPLICATION DIRECT

Dell EMC Application Direct leverages DD Boost technology for client-side deduplication to deliver 50% faster backups. It also integrates directly with Oracle RMAN, Microsoft SQL Server, IBM DB2, SAP, and SAP HANA. So, application owners and database administrators have control and visibility of backup directly from their native application utility to a Data Domain system. This empowers applications owners with the control they desire to eliminate silos of storage for application protection. When used with our orchestration platform, backup admins can also ensure compliance and meet strict SLOs

RECOVERPOINT FOR VIRTUAL MACHINES

Dell EMC RecoverPoint for Virtual Machines redefines data protection for VMware virtualized environments. It protects Virtual Machines (VM) at VM level granularity with local or remote replication for recovery to any Point-in-Time (PIT), and synchronous or asynchronous replication over any distance with efficient WAN bandwidth utilization. With near-zero RPO to ensure business continuity, RecoverPoint for VMs simplifies disaster recovery with built-in orchestration and automation capabilities directly accessible from VMware vCenter.

DATA PROTECTION ADVISOR

With Dell EMC Data Protection Advisor, you can automate and centralize the collection and analysis of all data—and get a single, comprehensive view of your data protection environment and activities. With automated monitoring, analysis, and reporting across your backup and recovery infrastructure, replication technologies, storage platforms, enterprise applications and virtual environment, you will be able to more effectively manage service levels while reducing costs and complexity. Data Protection Advisor is deployed stand-alone and as part of Data Protection Central.

ENTERPRISE COPY DATA MANAGEMENT

Ensuring that data protection meets business requirements is essential in a self-service environment. Our management and automation platform (eCDM) provides backup team-defined protection plans to monitor, proactively manage and enforce SLO compliance. For example, backup admins can create service 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 replication, copy location and requirements, recover-point objectives, and even retention lock in order to protect against premature deletion or malicious actors. Our platform also eliminates the need to jump around to multiple UIs in order to set up a protection environment.

SOURCEONE FOR EMAILS, FILES, AND MICROSOFT SHAREPOINT

Dell EMC SourceOne is an industry-leading archiving and compliance solution that allows organizations to archive email, file and SharePoint efficiently and cost effectively. SourceOne gives organizations the full ownership and control over their information and provides customers the ability to reduce costs by reclaiming valuable primary data storage space, optimize server and operational performance, and meet company compliance regulations, eDiscovery and litigation needs.

DATA PROTECTION SEARCH

Data Protection Search (DP Search) provides unified index, search and recovery capabilities that yield fast, specific and accurate results across NetWorker and Avamar for physical and VMwareOnce deployed, it can be accessed through common web browsers. DP Search provides the searcher the ability to quickly visualize and analyze search results through a simplistic Google-like search interface. Support is provided for both metadata only and full content indexing of backups, with the ability to restore search hits to either the original client, an alternative clients of the same type, or a file system client. DPS reduces time to recovery by enabling recovery directly from the DPS Search interface.

TAKE THE NEXT STEP

Contact your Dell EMC sales representative or authorized reseller to learn more about how the Data Protection Suite Enterprise Edition can benefit your organization.

Also, visit Data Protection Suite Enterprise Edition for more information.



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