

DATA PROTECTION SUITE FOR VMWARE

End-to-end data protection for VMware environments

ESSENTIALS

Benefits

- Tight VMware integration
- Application consistency for a broad array of enterprise applications
- Simplified administration enables admins to manage data protection through native VMware interfaces
- Available as a software-only solution
- Self-service data protection
- Enables the Software Defined Data Center
- Data protection for virtualized, cloud and physical environments
- Freedom to deploy various levels of data protection based on your business needs

Comprehensive protection

- Backup and recovery
- Continuous data protection for any PiT recovery
- Proactive monitoring and analysis
- Metadata and full-content indexed search with Google-like experience

EMC® Data Protection Suite for VMware provides organizations with industry-leading data protection to meet the Recovery Point Objectives (RPO) of your VMware® servers and applications. The Suite provides backup and recovery, continuous data protection for any point-in-time recovery, monitoring and analysis, as well as search capabilities. The Suite supports virtual and physical servers along with protection of network-attached storage (NAS).

Data Protection Suite for VMware is available as a software-only data protection solution enabling the Software Defined Data Center with self-service data protection. Tight integration into VMware delivers simplified deployment and administration.

DATA PROTECTION CHALLENGES FOR VMWARE ENVIRONMENTS

The convenience of deploying virtual machines enables VMs to be provisioned at a rapid pace, causing VM sprawl. In addition, new VMs are being provisioned without governance or data protection. This leaves you at risk for data loss and inconsistent recoveries.

Administrative roles for data protection have changed during the transformation to virtualization. Backup admins are responsible for configuring policies that adhere to the business requirements. Application Admins, also known as vAdmins, are responsible for assigning data protection to their applications. This change is increasing the number of data protection solutions installed within a data center. Multiple data protection solutions increase the risk of inconsistent application recovery.

While a majority of corporations have the goal to move their applications into a fully virtualized or cloud environment, there is still a need to protect data residing on physical servers.

Traditional agent-based backup and recovery solutions do not provide the scalability or flexibility needed for the protection of your virtual environments.

COMPREHENSIVE DATA PROTECTION

The Data Protection Suite for VMware offers more than just backup and recovery.

BACKUP AND RECOVERY

- Application consistent protection
- Data Protection managed through VMware interfaces
- Tight vRealize Suite integration
- Changed block tracking for both backup and recovery



CONTINUOUS DATA PROTECTION

- Continuous data protection for any point-in-time recovery
- Software-based local and remote replication of VMs
- Integrated vCenter management and orchestration
- Automated provisioning

PROACTIVE MONITORING

- Notification of unprotected VMs
- Comprehensive view of data protection environments
- Analytics, reporting and root cause analysis

SEARCH

- Metadata and full-content index search of backup data
- Google-like search experience
- Filtering results provides more exact search results
- Search and restore through a web browser interface

DATA DOMAIN INTEGRATION

- Network bandwidth reduced by up to 99%
- Backup times reduced by up to 50%
- Backup storage reduced by up to 30x

SIMPLICITY AND FLEXIBILITY

Data Protection Suite for VMware is designed to provide flexibility when it comes to protecting your VMware environments. It provides you the freedom to deploy various levels of data protection based on your business needs.

Administration is simplified by allowing admins to manage data protection within native VMware interfaces. Additional benefits are available to vRealize customers. Data Protection Suite for VMware embeds backup and recovery into the vRealize blueprints – ensuring that data protection will be automatically included during the provisioning process.

Data Protection Suite for VMware is deployed with EMC® Data Domain® or Data Domain Virtual Edition as the storage target, further optimizing your backup infrastructure. And, you can easily scale to meet the demands of the largest of enterprises.

Data Protection Suite for VMware is unique in the market in that no other vendor provides this depth and breadth of data protection.

SHOP DATA PROTECTION SUITE FOR VMWARE



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針對備份和VMware 的Dell EMC 數據保護

Dell EMC 解決方案搭載英特爾® 技術

Dell EMC 數據保護為雲和任務關鍵型應用程序提供自動化、可擴展性、性能和全面的VMware 工作負載覆蓋範圍

Dell EMC 針對VMware 環境的數據保護解決方案支持無縫集成到熟悉的用戶界面，並減少必要的存儲，而且這一切都以較低的TCO 實現。

[觀看視頻](#)

Dell EMC 數據保護解決方案為用戶降低成本並提供出色的靈活性、可擴展性和簡易性

- 通過緩解對異地數據中心的需求來降低成本
- 為即時虛擬機恢復提供靈活性
- 可隨著虛擬機生態系統的增長而擴展的解決方案
- 點擊3 次即可完成故障切換，點擊2 次即可完成回切

為何選擇用Dell EMC 解決方案保護VMware 工作負載

由於IT 和vAdmin 需要處理許多其他優先事務，因此應盡可能減少VMware 數據保護佔用的工作量和資源。Dell EMC 解決方案可應對這一挑戰。它們提供自動化、與VMv 以及針對龐大應用程序生態系統（本地和雲端）的全面覆蓋。它們還提供更高的性能、卓越的重複數據消除和更低的帶寬佔用量，同時保持低保護成本。



現代化

打造現代化的軟件定義的數據中心並利用全面的覆蓋範圍保護您的VMware 環境，該覆蓋範圍無需開銷便可擴展，可保護全面的虛擬化生態系統，通過HCI 和集成的一體機數據保護，而且可降低容量和帶寬需求。

