

Lenovo Data Protection with Veeam Backup and Replication V11 Solution Brief

Streamline, simplify and automate protection of your data from edge to cloud

Business challenges

Avoiding data loss and defending against cyberthreats while keeping costs in check is a monumental challenge. Plus, workloads are accelerating to the cloud and more workers are operating remotely, making data harder to protect. You need comprehensive data protection that can meet stringent recovery point objectives (RPOs) with the security to protect your backup data throughout its life cycle — regardless of workload type, location, or size.

Veeam® Backup and Replication™ v11 brings balance to your objectives with a 4-in-1 Solution, combining storage snapshots, backup, replication, and Continuous Data Protection under a single platform. Unlock options for service level agreements (SLAs), retention and service delivery to be more resilient and secure than ever before. Veeam is the industry leader, ensuring secure and reliable protection for your data.

What's new in the Lenovo Solution with Veeam Backup and Replication v11?

Lenovo and Veeam continue to expand their partnership to help organizations transform their IT strategy to meet the needs of Digital Transformation and a globally distributed workforce. The integration of Lenovo industry-leading ThinkSystem and ThinkAgile compute, storage and data management solutions with Veeam Backup and Replication v11 delivers a smarter, more efficient way to protect a customer's data from edge to hybrid cloud to help eliminate data loss and keep data safe from ransomware and other cyberattacks.

Lenovo integration points with Veeam Backup and Replication v11 include:

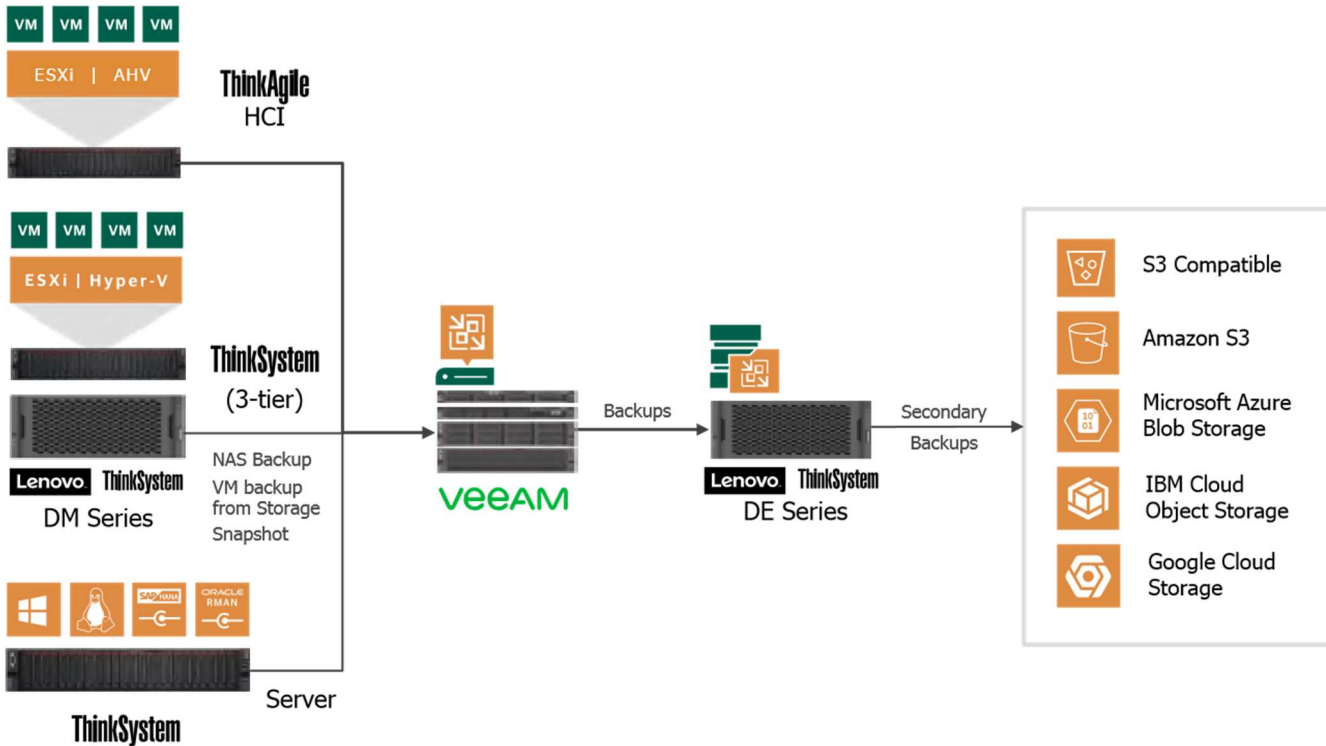
- **Continuous Data Protection:** Eliminate data loss with Veeam CDP, which provides Lenovo customers with near real time data protection for VMware workloads.
- **Data stays safe, ransomware stays out:** Keep your backups safe in hardened, malware and hacker-proof repositories with immutable backups to prevent encryption and deletion by ransomware and malicious actors.
- **Enhanced NAS integrations:** Streamline and simplify data protection with direct API integrations for NAS File Backup (SMB/NFS) with Lenovo ThinkSystem DM Series. This includes automatic discovery of all DM Series volumes and shares, adding DM Series clusters, SVMs, volumes and shares directly to a backup job, performing automatic backups from snapshots and delivering instant file share recovery.
- **Expanded Instant Recovery:** Minimize workload disruption and downtime with industry-leading instant recovery for NAS, Microsoft SQL and Oracle databases.
- **Cloud Storage Archive Tier:** Lower costs of long-term data archival and retention with integration with cold storage from Amazon and Microsoft.



In partnership with Veeam, Lenovo delivers validated, certified, best-in-class intelligent data management solutions that streamline, simplify, and automate data protection. These solutions span across diverse hybrid cloud environments and workloads, helping reduce infrastructure costs, improve data availability, and accelerate application performance.

General Purpose Workloads

For customers that need accelerated performance and availability of their data at the edge, in the data center and in the cloud with Enterprise level data protection on top, Lenovo and Veeam leverage the ThinkSystem DE and DM Series combined with Veeam Backup and Replication. This solution offers availability and IT simplicity combined with high performance, plus robust data management optimized to prevent data loss and downtime, while reducing infrastructure costs.



Extended backup and recovery: DE Series primary to DE Series disk backup to Capacity Tier

Backup and DR Orchestration: DM Series primary to DE Series disk backup to Capacity Tier

Cloud: Amazon Web Services (AWS), Microsoft Azure and Google Cloud Platform

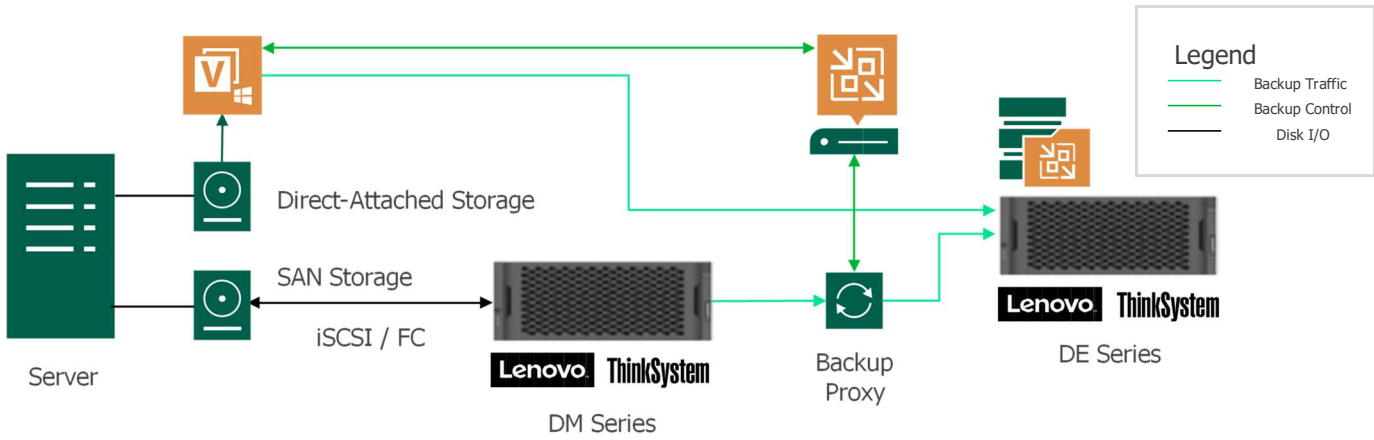
Virtual: VMware vSphere, Microsoft Hyper-V and Nutanix AHV

Physical: Microsoft Windows, Linux, Mac, and file shares

Applications: Microsoft, Oracle, and SAP

Reduce impact of backup operations on the production environment and improve RPOs

Veeam's direct integration with ThinkSystem DM Series enables offloading of the backup processing from the production systems to speed up backup operations and put much less load on protected systems. In v11, this capability has been extended to the Veeam Windows agent which can now back up from DM Series storage snapshots for Windows Servers with mounted DM Series block storage.



Keep your data available, accessible, and secure at all time across hybrid, multi-cloud, virtual, and physical environments and workloads with Lenovo industry-leading, intelligent data management solutions.

Why Lenovo

Lenovo is a leading provider of IT infrastructure solutions. We partner with you to identify, design, install and support the solution that best ensures your organization's needs are met throughout the IT lifecycle. Lenovo complements a portfolio of leading x86 infrastructure with a full range of storage, software, and comprehensive services, which provides excellent performance, reliability, and security for your IT environment from edge to cloud.

For More Information

To learn more, visit:

<http://www.lenovo.com/us/en/data-center/software/infrastructure>

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