

Veeam Hyper-Availability for Lenovo Think System DE Series

The Challenge

With data growing at astounding rates, IT managers are depending more and more on reliable backup and recoverability of their data. High-growth businesses require a complete data protection solution that is reliable, flexible, and easy to use. Virtualizing an environment provides increased levels of data availability, but the need to meet aggressive recovery point objectives (RPOs) and recovery time objectives (RTOs) becomes increasingly difficult.

Traditional backup tools were not created for virtualized environments. That makes it hard for many organizations to take full advantage of their virtualized environment, and many IT managers struggle with:

- Unreliable backups
- Recovery that takes too long
- High costs associated with managing backup data and secondary storage
- Inability to provide reliable and true backups for compliance purposes
- Lost productivity due to management complexity
- The need to scale backup operations for growth

IT managers can meet the challenges of ever-shrinking RPOs and the aggressive RTOs associated with virtualized environments.

The Solution

To meet these challenges, Veeam and Lenovo collaborated to offer high-performance storage with reliable data protection designed for virtualized environments.

Veeam and Lenovo help you modernize your data protection strategy with a solution designed to manage large data volumes and handle the increasing performance and availability demands of a 21st-century infrastructure.

Veeam Backup & Replication™ unifies backup and replication in a single solution — increasing the value of backup and reinventing data protection for VMware vSphere® and Microsoft Hyper-V® virtual environments. The Veeam agentless design provides multiple backup options to meet your needs. Features such as source-side deduplication and compression, change block tracking, parallel processing, and automatic load balancing provide the fastest, most efficient backups possible.

KEY FEATURES

- Fast, reliable and affordable backup and recovery for Lenovo ThinkSystem DE Series storage
- Granular recovery of VMs and files, including Microsoft SharePoint and Exchange application items
- Self-service VM and file recovery
- Modular, scalable design
- Simple, affordable and easy to use

Lenovo ThinkSystem DE Series storage provides simple and reliable SAN storage that integrates seamlessly with most application environments. Its modular design helps decrease operating expenses while offering many options for connectivity, capacity, and performance that easily scale to meet the demands of a growing backup environment.

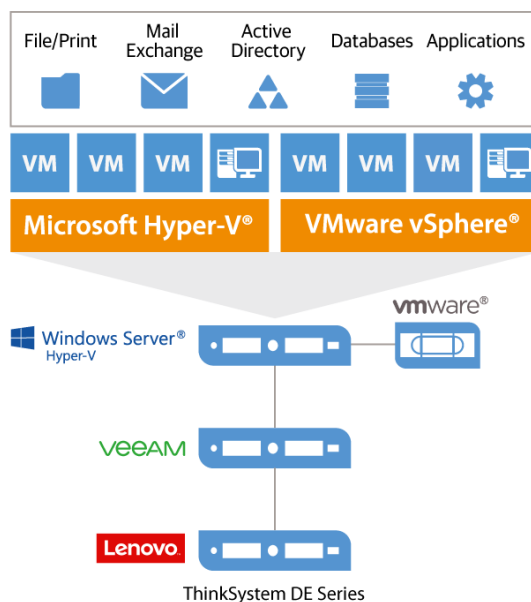


Diagram 1: Veeam Backup & Replication solution for vsphere and Hyper-V virtual environments

Together, Veeam and Lenovo create the perfect staging area for backups — reducing backup ingest bottlenecks and providing faster backups through the use of parallel processing.

In addition, Veeam Backup and Replication provides:

- Granular recovery of VMs and files, including Microsoft Exchange and SharePoint application items
- The ability to automatically verify every backup, every VM, and every replica — everytime
- Self-service recovery of VMs and guest files without direct network connection to the VM, user permissions, or the need to deploy costly agents
- Instant VM Recovery™ to recover a failed VM in less than two minutes
- A choice to back up and recover what you need, where you need it, and when you need it — whether it's on site, on tape, or in the cloud

Veeam and Lenovo offer the right solution for performance, flexibility, and reliability —providing an impressive, modern disaster recovery solution for your vSphere or Hyper-V environment.

"We found Veeam easy to implement and use, making it a compelling option. In addition, we found Veeam to be scalable; therefore, it could accommodate our growing virtual environment.

Veeam also offers deduplication, compression, and incremental backup. Those built-in features dramatically reduce the consumption of our backup storage."

Lester Moniz,
Manager of Infrastructure,
Softchoice

About Veeam Software

Veeam is the global leader in Intelligent Data Management for the Hyper-Available Enterprise. Veeam Hyper-Availability Platform is the most complete solution to help customers on the journey to automating data management and ensuring the Hyper-Availability of data. We have more than 307,000 customers worldwide, including 75 percent of the Fortune 500 and 58 percent of the Global 2000. Our customer satisfaction scores, at 3.5X the industry average, are the highest in the industry. Our global ecosystem includes 57,600 channel partners; Cisco, HPE, and NetApp as exclusive resellers; and nearly 19,800 cloud and service providers. Headquartered in Baar, Switzerland, Veeam has offices in more than 30 countries. To learn more, visit <https://www.veeam.com> or follow Veeam on Twitter @veeam.

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$62 billion Fortune Global 500 company and a global technology leader in driving Intelligent Transformation through smart devices and infrastructure that create the best user experience. Lenovo manufactures one of the world's widest portfolio of connected products, including smartphones (Motorola), tablets, PCs (ThinkPad, Yoga, Lenovo Legion) and workstations as well as AR/VR devices and smart home/office solutions. Lenovo's data center solutions (ThinkSystem, ThinkAgile) are creating the capacity and computing power for the connections that are changing business and society. Lenovo works to inspire the difference in everyone and build a smarter future where everyone thrives.