IBM Spectrum Virtualize Version 7.7 Upgrade for IBM Storwize V3700

End-to-end upgrade and installation to enhance virtualized storage

IBM recently released a significant enhancement to the IBM Spectrum Virtualize™ software that offers advanced capabilities for SAN Volume Controller (SVC) and IBM® Storwize® storage systems. Whether your organization is a large enterprise, midmarket company, or small business, the IBM Spectrum Virtualize software enhancement helps you meet rapid, ever-growing storage requirements and rein in the costs of its management. And IBM Spectrum Virtualize Version 7.7 Upgrade for IBM Storwize V3700 for Lenovo can enhance business environments with a highly flexible, responsive, available, scalable, and secure storage environment.
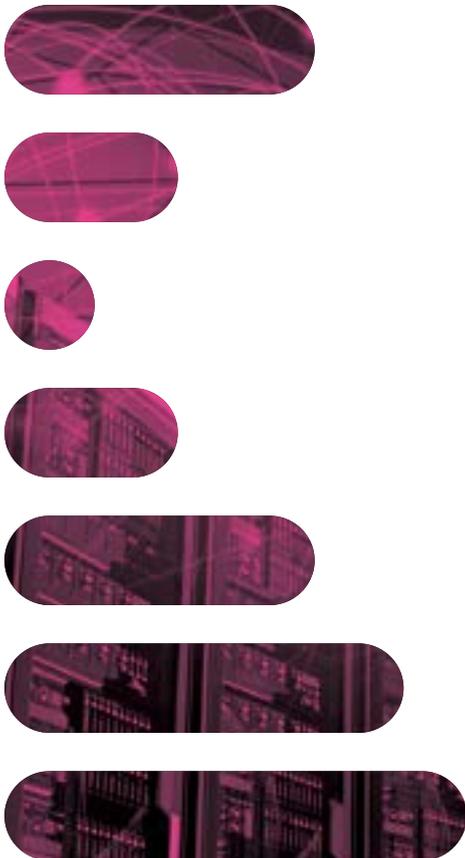
Keeping Ahead of Data Growth

Many organizations large, small, and in between need the latest software to meet the challenges of data growth and take advantage of the benefits of IBM Spectrum Virtualize Version 7.7 software on IBM Storwize V3700 storage. Storwize V3700 models, in particular, were initially offered with only 4 GB of RAM. Beginning with upgrades to IBM Spectrum Virtualize Version 7.6, these Storwize systems need to be upgraded to 8 GB of RAM to deploy IBM Spectrum Virtualize Version 7.5 and beyond. As a result, IT teams are tasked with ensuring the correct RAM modules are ordered, procured, and installed and then upgrading their Storwize V3700 systems and related products with the IBM Spectrum Virtualize Version 7.7 software.

Upgrading and Installing Seamlessly

But upgrades can also be challenging undertakings. Often, they are delayed because of higher business priorities, or in some cases because of a lack of skills or the complexities of the end-to-end process. And some companies may need to upgrade versions of Spectrum Virtualize software that are several generations older.

Lenovo offers support services that help organizations of all sizes with the entire RAM and software upgrade and installation process, including ordering the RAM, installing it, and performing the full software upgrade and installation. The Lenovo Services software upgrade installation package is available for Storwize V3700 V1 chassis machine types 6099-12C, -2DC, -S2C, -24C, -L2C, and -T2C that are covered by warranty or maintenance. You can order the package at a fixed price, and Lenovo professionals can perform the upgrade and installation either during standard business hours or during off-shift hours.

Capturing the Benefits of the Upgrade

Spectrum Virtualize software delivers a powerful solution for storage virtualization. In addition to high availability, real-time compression, data tiering, and more, IBM Spectrum Virtualize Version 7.7 provides enhanced reliability, availability, and serviceability. And upgrading to Version 7.7 offers several advanced features and functions:
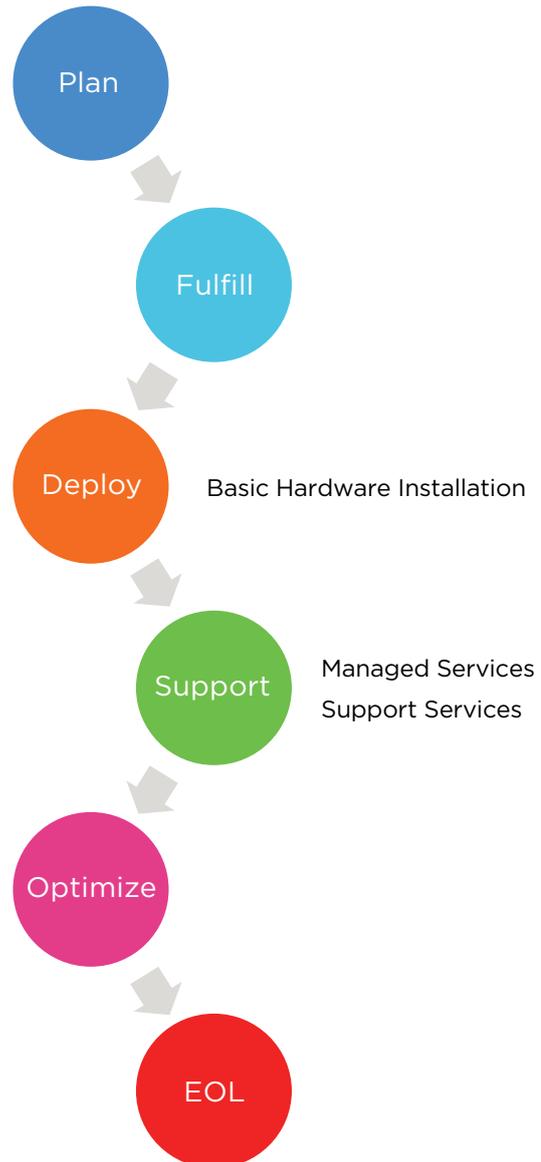
- Automatic and dynamic data tiering
- Clustering for performance and capacity scalability
- Compression in real time to help improve capacity utilization
- Distributed RAID for enhanced availability and fast rebuild times
- Encryption to help improve security of internal and external virtualized capacities*
- High availability among physically separated data centers
- Management and optimization of virtualized storage as a single storage pool
- Online, transparent data migration to move data among virtualized storage systems without disruption
- Snapshots for local data protection
- Synchronous or asynchronous remote data replication and disaster recovery
- Virtualization of Fibre Channel–attached external storage arrays

The Lenovo Services software upgrade installation package requires just a few prerequisites:

- IBM Spectrum Virtualize Version 7.5 or higher
- Software download by the customer using the customer's subscription credentials; customers that cannot download the Version 7.7 software need to allow Lenovo Services personnel to connect to their network for a microcode installation
- Completion of the Lenovo Software Upgrade Package Preinstallation checklist

The end-to-end upgrade and installation service is estimated to be 5.5 hours for upgrades from Version 7.5 and higher, and 7.5 hours for Version 7.4 or lower.

Customers Who Obtained These Services Also Procured...

Plan

Fulfill

Deploy — Basic Hardware Installation

Support — Managed Services / Support Services

Optimize

EOL

* Encryption is not offered in Belarus, Kazakhstan, the People's Republic of China, and Russia.

Lenovo™ offers a comprehensive portfolio of services that supports the full lifecycle of your Lenovo IT assets. At every stage—plan, fulfill, deploy, support, optimize, and end of life (EOL)—we offer the expertise and services you need to more accurately budget for IT expenses, deliver better service-level agreements, and generate greater end-user satisfaction. Let Lenovo Services' unique offerings and expertise help you get the most out of your technology investment.

The IBM Spectrum Virtualize Version 7.7 Upgrade for IBM Storwize V3700 for Lenovo is part of a comprehensive portfolio of Lenovo Services that supports the entire suite of enterprise products.

Also visit www.lenovo.com/DataCenterServices

Lenovo Services