IBM Storwize V3700 delivers replication over IP networks and 800 GB SSD option

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Overview

IBM® Storwize® V3700 offers the following new functions and options:

- **Remote mirroring over IP (Ethernet) communication links**: The Remote Mirroring function is now supported using Ethernet communication links. Storwize V3700 IP replication uses innovative Bridgeworks SANSlide technology to optimize network bandwidth and utilization, enabling the use of lower speed and lower cost networking infrastructure for data replication.

- **Data migration using SAS connectivity**: Data migration support is standard on all Storwize V3700 systems and this function can now be performed using SAS connectivity to help you easily and nondisruptively migrate data from IBM System Storage® DS3200 and DS3500 systems onto Storwize V3700.

- **800 GB 6 Gb SAS 2.5-inch solid state drive (SSD)**: This dual-port and hot-swappable drive offers a higher capacity option for high-performance environments.

Key prerequisites

Storwize V3700 licensed machine code level 6.4.1, or later, is required for the 800 GB SSD. Licensed machine code level 7.2, or later, is required for all other items in this announcement.

Planned availability date

- November 29, 2013: Storwize V3700 licensed machine code level 7.2
- December 6, 2013: 800 GB SSD

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at


Reference information

For additional information on Storwize V3700, refer to:
• Hardware Announcement ZG12-0306, dated November 06, 2012, IBM Storwize V3700 delivers innovative and easy-to-use storage to meet needs of small and medium organizations
• Hardware Announcement ZG13-0148, dated June 10, 2013, IBM Storwize V3700 delivers SAS host attachment support, advanced functions, and new disk drive

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<th>Product number</th>
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<tr>
<td>Description</td>
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<td>800GB 2.5 Inch SSD</td>
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Publications
No publications are shipped with these options. Refer to the publications that shipped with your base system for information. The most up-to-date product documentation, including the Storwize V3700 information center, is available and downloadable at

http://www.ibm.com/support

IBM publications center portal
http://www.ibm.com/shop/publications/order

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided, as well as payment options via credit card. A large number of publications are available online in various file formats, which can currently be downloaded free of charge.

When available, translated product documentation is downloadable from the following IBM support site

http://www.ibm.com/support

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IBM services include business consulting, outsourcing, hosting services, applications, and other technology management.

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Technical information

Specified operating environment

**Hardware requirements**

The 800 GB SSD is supported on:

- Storwize V3700 SFF Dual Control Enclosure (machine type 2072 model 24C, SEO/part number 2072S2C)
- Storwize V3700 SFF Expansion Enclosure (machine type 2072 model 24E, SEO/part number 2072SEU)
- Storwize V3700 SFF DC Dual Control Enclosure base system model (machine type 2072 model 2DC, SEO/part number 2072T2C)
- Storwize V3700 SFF DC Expansion Enclosure base system model (machine type 2072 model 2DE, SEO/part number 2072T2E)

The 800 GB SSD requires Storwize V3700 licensed machine code level 6.4.1, or later.

All other items in this announcement are supported on all Storwize V3700 models. These items require Storwize V3700 licensed machine code level 7.2, or later:

- Remote mirroring over IP (Ethernet) communication links
- Data migration using SAS connectivity

The above items can be enabled on previously shipped Storwize V3700 systems through the installation licensed machine code level 7.2, or later.

Refer to product documentation and the IBM Systems Support site for additional information on licensed machine code levels and other requirements

http://www.ibm.com/support

**Compatibility**

Refer to the IBM System Storage Interoperation Center (SSIC) for a comprehensive list of supported environments, devices, and configurations

http://www.ibm.com/systems/support/storage/config/ssic

**Planning information**

**Customer responsibilities**

Physical configuration and installation planning, along with machine installation and configuration, are customer responsibilities.

You are responsible for downloading or obtaining from IBM, and installing designated Machine Code (microcode, basic input/output system code (called BIOS), utility programs, device drivers, and diagnostics delivered with an IBM machine) and other software updates in a timely manner from an IBM Internet website or from other electronic media, and following the instructions that IBM provides. You may request IBM to install Machine Code changes; however, you may be charged for that service.

**Security, auditability, and control**

This product uses the security and auditability features of host hardware.
The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

**Global Technology Services**

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings, for the efficient installation, implementation, or integration of this product.

**IBM Electronic Services**

Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to IBM Systems customers. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company's strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support all at no additional cost to you.

Now integrated into the base operating system of AIX® 5.3, AIX 6.1, and AIX 7.1, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Support web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type "smitty esa_main", and select "Configure Electronic Service Agent." In addition, ESA now includes a powerful Web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, refer to

http://www.ibm.com/support/electronic

The IBM Electronic Support portal is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for Electronic Service Agent tool-enabled customers to track system inventory and find pertinent fixes.

**Benefits**

**Increased uptime:** The Electronic Service Agent tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the "symptoms," diagnosing the error, and manually calling IBM Support to open a problem record. Its 24 x 7 monitoring and reporting mean no more dependence on human intervention or off-hours customer personnel when errors are encountered in the middle of the night.

**Security:** The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool securely transmits either via the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways to provide customers a single point of exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into a customer's system. System inventory information is stored in a secure database, which is protected behind IBM firewalls. It is viewable only by the customer and IBM. The customer's business applications or business data is never transmitted to IBM.
**More accurate reporting:** Since system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, customers are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

**Customized support:** Using the IBM ID entered during activation, customers can view system and support information in the "My Systems" and "Premium Search" sections of the Electronic Support Web site at

http://www.ibm.com/support/electronic

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent. Reports are available for any system associated with the customer's IBM ID. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledge base. Using Premium Search and the Electronic Service Agent information that has been collected from your system, customers are able to see search results that apply specifically to their systems.

For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or visit

http://www.ibm.com/support/electronic

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**Terms and conditions**

**MES discount applicable:** Equal to the volume commitment discount

**Warranty period**

Three years

An IBM part or feature installed during the initial installation of an IBM machine is subject to a full warranty effective on the date of installation of the machine. An IBM part or feature which replaces a previously installed part or feature assumes the remainder of the warranty period for the replaced part or feature. An IBM part or feature added to a machine without replacing a previously installed part or feature is subject to a full warranty effective on its date of installation. Unless specified otherwise, the warranty period, type of warranty service, and service level of a part or feature is the same as the machine it is installed.

**Customer Setup:** Yes

**Machine code:** Same license terms and conditions as base machine

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**Prices**

For all local charges, contact your IBM representative.

**Announcement countries**

All European, Middle Eastern, and African countries.

**Trademarks**

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