

## IBM Spectrum Protect Server-Client Compatibility and Upgrade Considerations

### Technote (troubleshooting)

#### Problem(Abstract)

IBM Spectrum Protect Server-Client Compatibility and Upgrade Considerations

#### Resolving the problem

**Tip:** The product now known as IBM Spectrum Protect™ was named IBM Tivoli® Storage Manager in releases earlier than Version 7.1.3. To learn more about the rebranding transition, see <http://www.ibm.com/support/docview.wss?uid=swg21963634>.

The following IBM Spectrum Protect client and server combinations are compatible. All other combinations are not supported.

The functionality in the lowest version and release is supported in that compatible combination, for as long as the lowest version and release is in regular support.

#### Document information

**More support for:** [IBM Spectrum Protect](#)

**Software version:** All Supported Versions

**Operating system(s):** Platform Independent

**IBM SPECTRUM PROTECT CLIENT COMPATIBILITY**

includes the Backup-Archive, API, UNIX HSM, and Web clients that are compatible with, and currently supported with, IBM Spectrum Protect Servers and Storage Agents.

<b>IBM Spectrum Protect Client Version</b>	<b>Compatible IBM Spectrum Protect Server and Storage Agent Versions</b>
8.1	8.1, 7.1, 6.3.x <sup>1</sup>
7.1	8.1, 7.1, 6.3.x <sup>1</sup>
6.4	8.1, 7.1, 6.3.x <sup>1</sup>
6.3 <sup>2</sup>	8.1, 7.1, 6.3.x <sup>1</sup>

**General Notes:****Note 1:**

In TSM 6.3, the Server and Storage Agent level is 6.3.x, where  $x \geq 0$

In TSM 6.4, the Server level is 6.3.x, where  $x \geq 3$

Compatibility with the Server 6.3.x means compatibility with both 6.3 and 6.4

**Note 2:**

6.3 Client compatibility statements include the V6.1-level z/OS USS Client

[Link to Storage-Agent and Library-Client compatibility page:](#)

**Reference #:**

1053218

**Modified date:**

13 May 2015

<http://www.ibm.com/support/docview.wss?uid=swg21302789>

Link to Operations Center-Server Compatibility page:

<http://www.ibm.com/support/docview.wss?uid=swg21640917>

Link to Administration Center-Server Compatibility page:

<http://www.ibm.com/support/docview.wss?uid=swg21662629>

Link to the Operating System Overview page for client and servers on all supported IBM Spectrum Protect releases:

<http://www.ibm.com/support/docview.wss?uid=swg21243309>

Link to the Client Functionality Compatibility page:

<http://www.ibm.com/support/docview.wss?uid=swg21420322>

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#### **Upgrading from Version 6.3, 6.4, 7.1 to Version 8.1**

Please visit the IBM Spectrum Protect Knowledge Center for a migration plan:

[https://www.ibm.com/support/knowledgecenter/SSEQVQ\\_8.1.0/srv.install/t\\_srv\\_upgrade63\\_71.html](https://www.ibm.com/support/knowledgecenter/SSEQVQ_8.1.0/srv.install/t_srv_upgrade63_71.html)

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#### **Upgrading from Version 6.3 or 6.4 to Version 7.1**

As part of a migration plan from Tivoli Storage Manager (TSM) Version 6.3 or 6.4 to TSM Version 7.1, TSM clients and servers can be upgraded at different times. This configuration is supported as long as the older version is supported.

When upgrading from a Version 6.x server to a Version 7.1 server, follow this link for more detailed information: [http://pic.dhe.ibm.com/infocenter/tsminfo/v7r1/index.jsp?topic=%2Fcom.ibm.itsm.srv.install.doc%2Ft\\_srv\\_upgrade.html](http://pic.dhe.ibm.com/infocenter/tsminfo/v7r1/index.jsp?topic=%2Fcom.ibm.itsm.srv.install.doc%2Ft_srv_upgrade.html)

To help prevent disruption to your backup and archive activities during the migration, follow these

## guidelines:

A TSM 6.3 or 6.4 client can perform backup, restore, archive, retrieve, and query functions to a TSM 7.1 server

A TSM 7.1 client can perform backup, restore, archive, retrieve, and query functions to a TSM 6.2 or 6.3.x server

If you back up or archive data from a TSM 6.4 or 6.3 or earlier client to a supported TSM server, you can restore or retrieve that data using a TSM 7.1 client

If you back up or archive data from a TSM 7.1 client to a supported TSM server, you cannot restore or retrieve that data using a TSM 6.4 or earlier client.

All TSM 7.1 administrative clients can administer TSM 6.2 and 6.3.x servers

NAS backups performed on a TSM 7.1 server using the BACKUP NODE server command can only be restored using the RESTORE NODE server command or a TSM 6.3, 6.4, or 7.1 client

Note: the TSM server is shipped at the V6.3.3 level with TSM 6.4

**Upgrading from Version 5.5, 6.1, or 6.2 (which are End Of Support) to Version 6.x:**

Version 5.5 and Version 6.1 have reached End of Support. Upgrading from a Version 5.x server to a Version 6.x server is significantly different than previous upgrades. Please follow this link for more detailed information you need to know before upgrading your 5.5 server:

[http://publib.boulder.ibm.com/infocenter/tsminfo/v6/index.jsp?topic=/com.ibm.itsm.nav.doc/t\\_upgrading.html](http://publib.boulder.ibm.com/infocenter/tsminfo/v6/index.jsp?topic=/com.ibm.itsm.nav.doc/t_upgrading.html)

Version 5.5, 6.1, and 6.2 clients can be upgraded to any higher 6.x or 7.1 level, as long as the operating system is supported at that higher level.

Note that all UNIX and Linux clients at Version 6.3 and higher are 64-bit. 32-bit Version 5.5, 6.1, and

6.2 UNIX and Linux clients must be uninstalled before installing the equivalent Version 6.3 or higher 64-bit clients.

**Related information**

[IBM Spectrum Protect Supported Operating Systems](#)

[Latest Server and Client Downloads](#)

[TSM 5.5 and 6.1 EOS Announcement](#)

[TSM 6.2 EOS 30 April 2015](#)

[TSM 5.5 and 6.1 Compatibility \(now EOS\)](#)

[TSM 6.2 Compatibility \(now EOS\)](#)

[Storage Agent and Library Client Compatibility](#)

[Operations Center Compatibility](#)

[Administration Center Compatibility](#)

[HSM for Windows Compatibility](#)

[TSM Featured Documents](#)

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*Cross reference information*

<b>Segment</b>	<b>Product</b>	<b>Component</b>
Storage Management	Tivoli Storage Manager	

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