

IBM SmartCloud Virtual Storage Center Storage Analytics Engine



Version 5.2.4

Quick Start Guide

This guide gets you started with a typical installation of the Storage Analytics Engine component of IBM SmartCloud Virtual Storage Center V5.2.4

National Language Version: To obtain this Quick Start Guide in other languages, access the PDF files on the quick start guide DVD.

Product overview

IBM SmartCloud[®] Virtual Storage Center provides efficient virtualization and management of heterogeneous storage systems. By converting existing storage to IBM[®] Smarter Storage, IBM SmartCloud Virtual Storage Center provides more room for data growth and simplifies the administration of storage. IBM SmartCloud Virtual Storage Center comprises the complete set of advanced functions available in the IBM Tivoli[®] Storage Productivity Center Storage Analytics Engine, all of the functions available for virtualization, remote-mirroring and FlashCopy of the IBM System Storage SAN Volume Controller, and all of the capabilities of the IBM Tivoli Storage FlashCopy[®] Manager.

This guide is for the SmartCloud Virtual Storage Center Storage Analytics Engine, which contributes the advanced capabilities of Tivoli Storage Productivity Center, such as storage tier optimization and volume workload distribution.

The Storage Analytics Engine component of SmartCloud Virtual Storage Center provides comprehensive end-to-end storage management, including the features that are offered in the Tivoli Storage Productivity Center license. It provides advanced analytics for storage provisioning, change management, and performance optimization. It also enables monitoring and reporting of capacity information for host volumes and applications, and detailed file scans of supported file systems and applications.

To get started with the installation of IBM Tivoli Storage FlashCopy Manager, see the product documentation at http://www-01.ibm.com/support/knowledgecenter/SS36V9_4.1.1/com.ibm.itsm.fcm.doc/welcome.html.

To get started with the installation of IBM System Storage SAN Volume Controller, see the product documentation at <http://www.ibm.com/support/knowledgecenter/STPVGU>.

1 Step 1: Access the software and documentation



To download the product from IBM Passport Advantage[®], follow the instructions in the appropriate download document at <https://www.ibm.com/support/docview.wss?uid=swg24038425>. For complete documentation, including detailed installation instructions, see the *IBM Tivoli Storage Productivity Center Installation Guide* and, for configuration instructions, see the *IBM Tivoli Storage Productivity Center Administrator's Guide* at <ftp://public.dhe.ibm.com/software/tivoli/tpc/v524/>.

2 Step 2: Evaluate the hardware configuration



For information about hardware requirements for the product, see the Tivoli Storage Productivity Center product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_r_hw_requirements.html.

3 Step 3: Evaluate the system configuration and install the prerequisite software



Evaluate the following prerequisite software and install it on your system:

- For information about software requirements for the product, see the Tivoli Storage Productivity Center product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_r_sw_requirements.html.
- For certain storage systems, CIM agents are required. For a complete list of storage systems that are supported, and the level of CIM agents that are required for each system, see <http://www-01.ibm.com/support/docview.wss?uid=swg27039840>

4 Step 4: Install DB2



Before you can install Tivoli Storage Productivity Center, you must install DB2[®] Enterprise Server Edition.

Tivoli Storage Productivity Center stores the information that it collects about storage resources in a DB2 database. For information about installing DB2, see http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_t_installing_db2.html.

5 Step 5: Install Tivoli Storage Productivity Center



Install Tivoli Storage Productivity Center and its related components. You can run the installation process through the GUI wizard or through a command line in silent mode.

You can install Jazz™ for Service Management and Tivoli Common Reporting.

You must install Jazz for Service Management and Tivoli Common Reporting if you want to create custom reports and run predefined reports from the web-based GUI. You can install these components when you install Tivoli Storage Productivity Center, or at a later time using the Tivoli Storage Productivity Center installation process.

For information about installing Jazz for Service Management and Tivoli Common Reporting, see http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_c_jazzsm_tcr.html.

For detailed installation instructions, see the Tivoli Storage Productivity Center product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_t_installing_tpc.html.

6 Step 6: Getting started



Starting and configuring Tivoli Storage Productivity Center includes some of the following tasks:

- Starting the Tivoli Storage Productivity Center GUIs. For detailed instructions, see the Tivoli Storage Productivity Center product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_c_starting_tpc.html.
- Adding resources, for example, all storage systems, servers, hypervisors, fabrics, and switches. For detailed instructions, see the Tivoli Storage Productivity Center product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/tpch_t_wz_adding_resources.html.
- Configuring alert communication. For detailed instructions, see the Tivoli Storage Productivity Center product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_t_configuring_alerts.html.
- Setting conditions for triggering alerts. For detailed instructions, see the Tivoli Storage Productivity Center product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_r_triggering_conditions.html.
- Specifying how long information about resources is retained. For detailed instructions, see the Tivoli Storage Productivity Center product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_t_configure_data_retention.html.

For a detailed description of getting started with Tivoli Storage Productivity Center, see the the product documentation at http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_r_roadmap.html.

More information



For more information, see the following resources:

- Product licenses with differing functionality: http://www.ibm.com/support/knowledgecenter/SSNE44_5.2.4/com.ibm.tpc_V524.doc/fqz0_r_product_packages.html
- General product information: <http://www.ibm.com/software/products/us/en/vsc>
- Product support: http://www.ibm.com/support/entry/portal/overview/software/tivoli/ibm_smartcloud_virtual_storage_center
- Connect, learn, and share with Service Management professionals at: <https://www.ibm.com/developerworks/servicemanagement/sm/index.html>

