

IBM SmartCloud Virtual Storage Center Storage Analytics Engine



Version 5.2

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.

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. It helps convert existing storage to IBM[®] Smarter Storage, giving you more room for data growth and more simplified storage administration. IBM SmartCloud Virtual Storage Center comprises IBM Tivoli[®] Storage Productivity Center with all its advanced capabilities, also known as the Storage Analytics Engine; IBM Tivoli Storage FlashCopy[®] Manager; and IBM System Storage[®] SAN Volume Controller. This guide is for the SmartCloud Virtual Storage Center Storage Analytics Engine (or Tivoli Storage Productivity Center with all its advanced capabilities) part of the product. For information about FlashCopy Manager and SAN Volume Controller, see the links at the end of the product overview.

SmartCloud Virtual Storage Center Storage Analytics Engine provides comprehensive end-to-end storage management, including the capabilities available in the Tivoli Storage Productivity Center license. It also 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, including detailed file scans of supported file systems and applications.

To get started with the installation of FlashCopy Manager, go to the *IBM Tivoli Storage FlashCopy Manager 3.2 Quick Start Guide* at <http://www-01.ibm.com/support/docview.wss?uid=swg27036341>.

To get started with the installation of SAN Volume Controller, go to the *IBM System Storage SAN Volume Controller library and related publications* at http://pic.dhe.ibm.com/infocenter/svc/ic/topic/com.ibm.storage.svc.console.doc/mlt_relatedinfo_224agr.html.

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=swg24035769>. For complete documentation, including detailed installation and configuration instructions, see the *IBM Tivoli Storage Productivity Center Installation and Configuration Guide* at http://pic.dhe.ibm.com/infocenter/tivihelp/v59r1/topic/com.ibm.tpc_V52.doc/fqz0_r_printable_pdf_files.html.

2 Step 2: Evaluate the hardware and system configuration



For information about hardware requirements for the product, go to the *Tivoli Storage Productivity Center Information Center* at http://pic.dhe.ibm.com/infocenter/tivihelp/v59r1/topic/com.ibm.tpc_V52.doc/fqz0_r_hw_requirements.html.

For information about software requirements for the product, go to the *Tivoli Storage Productivity Center Information Center* at http://pic.dhe.ibm.com/infocenter/tivihelp/v59r1/topic/com.ibm.tpc_V52.doc/fqz0_r_sw_requirements.html.

3 Step 3: Install the prerequisite software



Ensure that the following prerequisite software is installed on your system:

- DB2[®] is required for Tivoli Storage Productivity Center. For information about installing DB2, go to http://pic.dhe.ibm.com/infocenter/tivihelp/v59r1/topic/com.ibm.tpc_V52.doc/fqz0_t_installing_db2.html.
- Tivoli Storage Productivity Center communicates directly with the following storage systems and does not require CIM agents:
 - System Storage DS8000[®]
 - SAN Volume Controller
 - Storwize[®] V7000 Unified
 - Storwize V7000
 - Storwize V3500
 - Storwize V3700
 - IBM SONAS

For other devices, 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 device, go to <http://www.ibm.com/support/docview.wss?&uid=swg21386446>. In the Tivoli Storage Productivity Center v5.x table, go to the Storage column, and click the appropriate release.

4 Step 4: Install Tivoli Storage Productivity Center



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

- Database schema
- Data server, Device server, Replication server
- GUIs: web-based GUI, stand-alone GUI
- Command-line interface (CLI)
- Storage Resource agent
- Jazz[™] for Service Management
- Tivoli Common Reporting

For detailed installation instructions, go to the *Tivoli Storage Productivity Center Information Center* at http://pic.dhe.ibm.com/infocenter/tivihelp/v59r1/topic/com.ibm.tpc_V52.doc/fqz0_t_installing_tpc.html.

5 Step 5: Get started



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

- Starting the Tivoli Storage Productivity Center GUIs.
- Authorizing users and specifying an authentication mechanism.
- Entering licensing information.
- Configuring how alerts are communicated.
- Specifying how long information about resources is retained.

For a detailed description of getting started with Tivoli Storage Productivity Center, go to the *Tivoli Storage Productivity Center Information Center* at http://pic.dhe.ibm.com/infocenter/tivihelp/v59r1/topic/com.ibm.tpc_V52.doc/fqz0_r_roadmap.html.

More information



For more information, see the following resources:

- 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>

