

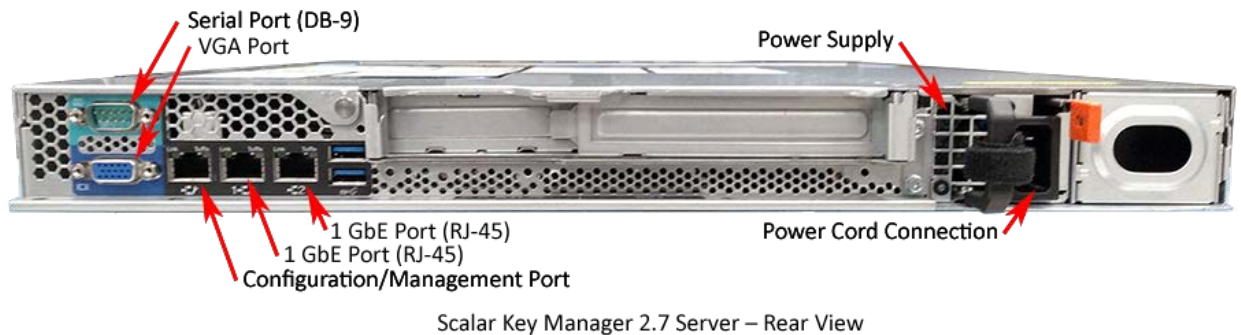
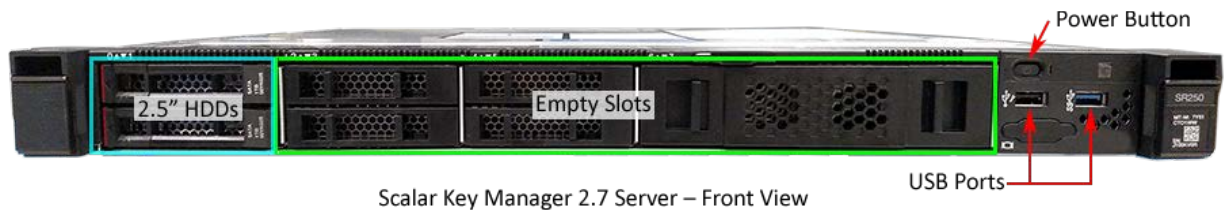
Scalar Key Manager 2.7 QUICK START

Quantum's Scalar Key Manager (SKM) is a data encryption tool used in conjunction with Quantum's tape libraries. It controls access to data, verifies its authenticity, and maintains its availability. For complete documentation, including pre-installation requirements, refer to the SKM Documentation:

<https://www.quantum.com/serviceandsupport/softwareanddocumentationdownloads/skm/index.aspx>

All document references (in **bold**) refer to sections in the document *Scalar Key Manager 2.7 User's Guide*.

Activate your warranty and register your product with Quantum: www.quantum.com/startup



Installing and Configuring the SKM Appliance Servers

Two servers should be installed in different geographic locations.

- Step 1** Determine the operating environment for your SKM system. See **Chapter 2 > Planning Your SKM Environment**.
- Step 2** Gather the Items required for installation. See **Chapter 4 > Initial Configuration and Setup > Installing and Configuring the SKM Appliance Servers > Items Required for Setup**.
- Step 3** Install the server in the rack, attach power cord, and power up. For further details see **Chapter 4 > Initial Configuration and Setup > Installing and Configuring the SKM Appliance Servers > Installing the SKM Appliance Servers**.
- Step 4** Set the IP address of the computer you will use to attach to the server to 192.168.18.100. Then connect to the server, log in (login ID: akmadmin, password: password), accept the EULA, and run the setup wizard. Change the password if you wish. See **Chapter 4 > Initial Configuration and Setup > Installing and Configuring the SKM Appliance Servers > Configuring the SKM Appliance Servers**.

CAUTION! Remember your password! If you forget your password you will have to replace the SKM appliance server.

- Step 5** Install transport layer security (TLS) communication certificates. See **Chapter 4 > Initial Configuration and Setup > Installing TLS Certificates on the SKM Server for SKM 2.4 (240Q) or Later.**
- Step 6** Configure one or more libraries for SKM. See **Chapter 4 > Initial Configuration and Setup > Configuring Your Library for SKM** and **Chapter 4 > Initial Configuration and Setup > Configuring Multiple Libraries.**
- Step 7** Before beginning to encrypt data you must back up both SKM servers. See **Chapter 4 > Initial Configuration and Setup > Backing Up the Servers.**

Operating the SKM 2.7 Appliance Server

For explanations of library managed encryption, SKM key management, encryption keys, encryption certificates, the keystore, mirrored hard disk drives, and requirements for backing up your SKM server see **Chapter 1 > Overview.**

You may occasionally need to access the SKM server to perform certain functions such as changing a password, the IP address, date and time, and host name. See **Chapter 5 > Logging On and Changing the Configuration.**

It is critical that you keep a current backup of each SKM server. See **Chapter 6 > Backing Up and Restoring the SKM Server.**

You can access various logs and reports for troubleshooting purposes. See **Chapter 7 > Retrieving SKM Reports, Logs, and Information.**

Certain SKM operations and functions can be performed using your library's remote Web client. See **Chapter 8 > Using the Library to Initiate SKM Functions.**

Some functions such as exporting and importing encryption certificates and encryption keys are performed from the SKM server's command line interface. See **Chapter 9 > Using the SKM Server to Initiate SKM Functions.**

Understanding LED error indications, retrieving and reading library RAS/diagnostic tickets, and performance of troubleshooting actions is discussed in **Chapter 10 > Troubleshooting.**

It may occasionally be necessary to replace an SKM server or certain components such as the hard disk drives. See **Chapter 11 > Replacing the SKM Server and its Components.**

Quantum occasionally issues updates or patches to the SKM software. See **Chapter 12 > Upgrading and Rolling Back SKM Server Software.** There is no automatic notification to alert you when new software is released. Visit the website to see if there is an update:
<https://www.quantum.com/ServiceandSupport/SoftwareandDocumentationDownloads/SKM/Index.aspx>

If the control module in a connected library (or the chassis in a Scalar i40/i80) is replaced you will need to run the library serial number replacement script. See **Chapter 13 > Updating the SKM Keystore After Replacing a Library Control Module.**

