Exam Description

Hitachi Vantara Qualified Professional VSP Midrange Family Installation HQT-4180 Exam

Exam Type
Qualification

Format
Proctored, closed book exam

Credential
Hitachi Vantara Qualified Professional – VSP Midrange Family Installation

Validity 3 years

Delivery
Kryterion Webassessor System*

Questions 35

Passing Score 65%

Duration 60 minutes

Cost
US $100 or equivalent in local currency (plus local tax, depending on location)

Supporting Material
• 1024PI Installing Hitachi VSP One Block Mid-sized Enterprise (4d ILT)
-or-
1290PI Transitioning to Hitachi VSP One Block Mid-sized Enterprise (1d ILT)

This test is designed for Hitachi Vantara employees and partners who install Hitachi Virtual Storage Platform (VSP) midrange storage systems. The test will validate that the successful candidate has knowledge and skills in installing, configuring and supporting Hitachi midrange storage systems at customer sites. This includes strong knowledge of the system hardware and a thorough understanding of installation and configuration procedures. The test also covers basic storage management activities and the tools, techniques and best practices related to supporting and servicing the Hitachi VSP Mid-sized Enterprise family.

Audience: Hitachi Vantara Employee and Partner Installation Professionals

Hitachi VSP Mid-sized Enterprise storage installation professionals should have strong knowledge and skills in installing and supporting storage systems deployed as part of Hitachi midrange storage solutions implementation. They perform pre-installation checks and install, configure and test the systems so they can be handed over in an operational state to customers. They also provide post-installation services including support, maintenance, updates and upgrades, and have knowledge of problem-determination and incident-resolution procedures, tools and techniques.

Test Objectives	
Section 1	**System architecture & components**
1.1	Describe the different VSP midrange storage systems models and their specifications.
1.2	Describe the VSP midrange storage systems architecture.
1.3	Describe the VSP midrange storage systems components and their functions.
Section 2	**Back-end architecture**
2.1	Describe the back-end architecture of VSP midrange storage systems.
2.2	Describe the back-end hardware components of VSP midrange storage systems.
2.3	Describe the VSP midrange storage systems drive sparing technology and RAID concepts.
Section 3	**System installation**
3.1	Identify the VSP midrange storage systems documentation.
3.2	Describe the "New Installation" procedure for VSP midrange storage systems and when it is appropriate to use.
3.3	Describe the installation and initial configuration procedures for VSP midrange storage systems.
3.4	Describe how program products are enabled on VSP midrange storage systems.

* Depending on the location and course delivery format, this closed-book, proctored qualification test may also be offered and administered by the instructor at the conclusion of the supporting course.

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Section 4	System maintenance
4.1	Describe how to use the tools provided by Hitachi Vantara to install, configure and service VSP midrange storage systems.
4.2	Describe the parts-replacement procedures on VSP midrange storage systems.
4.3	Describe problem-determination and incident-resolution tools and techniques used when troubleshooting VSP midrange storage systems.
Section 5	**Configuration changes**
5.1	Describe how to perform online hardware upgrades and configuration changes on VSP midrange storage systems.
5.2	Describe the System Option Mode (SOM) concepts.
Section 6	**Firmware upgrades**
6.1	Describe how to perform firmware updates on VSP midrange storage systems.
Section 7	**Remote Ops monitoring**
7.1	Describe the Hitachi Remote Ops Monitor Agent for VSP Midrange storage systems.
Section 8	**Storage management tools**
8.1	Identify the management tools of VSP midrange storage systems, describe their function and how to use them.
8.2	Describe storage provisioning principles and techniques for VSP midrange storage systems.
8.3	Describe port security concepts and how storage is presented to hosts on VSP midrange-storage systems.

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