Hitachi Vantara Qualified Professional
VSP One Block High End Installation
HQT-4170 Exam

HITACHI

Exam Type
Qualification

Format
Proctored, closed book exam

Credential
Hitachi Vantara Qualified Professional – VSP One Block High End 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
• 1422PI Installing and Configuring the Hitachi VSP One Block 80 Series (5-day ILT)
or
• 1523PI Transitioning to Hitachi VSP One Block High End (4-hour vILT)

This test is designed for Hitachi Vantara employees and partners who install Hitachi Virtual Storage Platform (VSP) One Block High End systems. The test will validate that the successful candidate has knowledge and skills in installing, configuring and supporting VSP One Blok High End systems at customer sites. This includes strong knowledge of the systems' hardware and associated program products, thorough understanding of installation and configuration procedures, and associated support activities. This test covers the Hitachi VSP One B85 model.

Audience: Hitachi Vantara Employee and Partner Installation Professionals

Hitachi VSP One B85 installation professionals should have strong knowledge and skills in installing and supporting storage systems deployed as part of VSP Block High End 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 and components**
1.1	Describe the VSP One B85 model specifications.
1.2	Describe the VSP One B85 system architecture, components and their functions.
1.3	Describe the VSP One B85 Array Management Controller (AMC) and Storage Management Controller (SMC).
1.4	Describe the VSP One B85 X-path network.
1.5	Describe the front-end design and layout of the VSP One B85 system and the supported Channel Boards (CHBs).
1.6	Describe the back-end design and layout of VSP One B85 system and the supported drives.
Section 2	**System installation**
2.1	Describe the "New Installation" procedure for the VSP One B85 system and when it is appropriate to use.
2.2	Describe the VSP One B85 system network settings.
2.3	Describe the VSP One B85 system microcode upgrade procedures.
2.4	Describe the software licenses management on the VSP One B85 system.

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Section 3	System configuration
3.1	Describe the key steps involved in the installation and configuration of the VSP One B85 system.
3.2	Describe how to create Parity Groups on the VSP One B85 system.
3.3	Describe how to perform online hardware upgrades and configuration changes on the VSP One B85 system.
Section 4	**Management software**
4.1	Identify the VSP One B85 system management tools and describe their function.
4.2	Describe the Hitachi Remote Ops Monitor Agent configuration and functionality.
Section 5	**Maintenance and incident-resolution**
5.1	Describe the VSP One B85 system maintenance tools.
5.2	Describe how to backup the VSP One B85 system configuration.
5.3	Describe how to troubleshoot incidents on the VSP One B85 system.
5.4	Describe the parts-replacement procedures on the VSP One B85 system.
5.5	Describe the various processes associated with drive sparing on the VSP One B85 system.

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