



EXAM DESCRIPTION

Hitachi Data Systems Certified Specialist – Enterprise Storage Installation HCE-4130 Exam	
Description:	This test is designed for Hitachi Data Systems employees and partners who install Hitachi enterprise-storage systems. The test will validate that the successful candidate has knowledge and skills in installing, configuring and supporting Hitachi enterprise-storage systems at customer sites. This includes strong knowledge of the systems hardware and associated program products, and thorough understanding of installation and configuration procedures as well as associated administrative activities. The test also covers the tools, techniques and best practices related to supporting and servicing the Hitachi enterprise-storage systems. This test covers Hitachi Virtual Storage Platform G1000.
Audience:	Hitachi Data Systems employee and partner installation professionals. Hitachi enterprise-storage installation professionals should have strong knowledge and skills in installing and supporting storage systems deployed as part of Hitachi enterprise-storage solutions implementations. They perform pre-installation checks, 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.
Supporting material:	THI1997 Hitachi Virtual Storage Platform Installation, Configuration and Maintenance course (5d ILT) and THI2502 Hitachi Virtual Storage Platform and VSP G1000 Differences (3d ILT), or THI2526 Installing, Configuring and Maintaining Hitachi Virtual Storage Platform G1000 (5d ILT).
Exam type:	Certification
Format:	Proctored, closed-book exam
Credential:	Hitachi Data Systems Certified Specialist - Enterprise Storage Installation
Delivery:	The exam is available through the Kryterion Webassessor system.
Questions:	60
Passing score:	68%
Duration:	90 minutes; 120 minutes for non-English-speaking countries
Cost:	US\$225

Test Objectives	
Section 1	System Architecture and Operating Concepts
1.1	Describe the architecture, components and features of VSP G1000 storage systems.
1.2	Describe the program products available in VSP G1000 storage systems.
1.3	Describe the characteristics of the active flash feature of VSP G1000 storage systems.
Section 2	System Pre-Installation Planning
2.1	Describe VSP G1000 storage systems pre-installation procedures and documentation.
Section 3	System Installation , Configuration and Upgrades
3.1	Describe the "New Installation" procedure of VSP G1000 storage systems and identify when it is appropriate to use.
3.2	Describe the key steps involved in the installation and the configuration of VSP G1000 storage systems.
3.3	Describe how to configure the channel adapter ports in VSP G1000 storage systems for integration into customer environments.
3.4	Describe how program products are enabled and used on VSP G1000 storage systems.
3.5	Describe how to perform online hardware upgrades and reconfigurations of VSP G1000 storage systems.

Section 4	Virtualization Techniques
4.1	Describe the key steps involved in setting up an external storage configuration with VSP G1000 storage systems.
4.2	Describe how to configure VSP G1000 storage systems for use with Hitachi Dynamic Provisioning or Hitachi Dynamic Tiering.
Section 5	System Management
5.1	Describe the configuration tasks performed using the SVP of VSP G1000 storage systems.
5.2	Describe the port security concepts of VSP G1000 storage systems.
5.3	Describe the configuration tasks performed using the web console of VSP G1000 storage systems.
5.4	Describe basic functionality of Hitachi Command Suite for VSP G1000 storage systems management purposes.
Section 6	Maintenance and Incident-Resolution
6.1	Identify documentation and tools provided by HDS for installing, configuring and servicing VSP G1000 storage systems.
6.2	Describe the SVP maintenance functions on VSP G1000 storage systems.
6.3	Describe the microcode update process for VSP G1000 storage systems.
6.4	Describe the parts-replacement procedures for VSP G1000 storage systems.
6.5	Describe problem-determination and incident-resolution tools and techniques used when troubleshooting VSP G1000 technical problems.



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