



**EXAM DESCRIPTION**

**Hitachi Data Systems Qualified Professional VSP G200 to VSP G800 Storage Installation HQT-4120 Exam**

<b>Description:</b>	This test is designed for Hitachi Data Systems employees and partners who install Hitachi 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 systems hardware and associated program products, thorough understanding of installation and configuration procedures and associated administrative activities. The test also covers the tools, techniques and best practices related to supporting and servicing the Hitachi Virtual Storage Platform Midrange Family. This test covers Hitachi Virtual Storage Platform VSP G200, VSP G400, VSP G600 and VSP G800.
<b>Audience:</b>	Hitachi Data Systems employee and partner installation professionals.  Hitachi midrange-storage installation professionals should have strong knowledge and skills in installing and supporting storage systems deployed as part of Hitachi midrange 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.
<b>Supporting material:</b>	TCI2626 Introducing Hitachi Storage Architecture and Key Features (2d ILT) THI2651 Installing and Supporting Hitachi Virtual Storage Platform Midrange Family (3d ILT)
<b>Exam type:</b>	Qualification
<b>Format:</b>	Proctored, closed-book exam
<b>Credential:</b>	Hitachi Data Systems Qualified Professional - VSP G200 to VSP G800 storage installation
<b>Delivery:</b>	The exam is available through the <a href="#">Kryterion Webassessor</a> system.  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.
<b>Questions:</b>	35
<b>Passing score:</b>	65%
<b>Duration:</b>	60 minutes
<b>Cost:</b>	US\$100

**Test Objectives**

<b>Section 1</b>	<b>System Architecture and Operating Concepts</b>
1.1	Describe the different VSP G200 to VSP G800 storage systems and their specifications.
1.2	Describe the VSP G200 to VSP G800 storage systems architecture, internal components and their functions.
1.3	Describe the functionality and virtualization capabilities of VSP G200 to VSP G800 storage systems.
1.4	Describe the back-end design and layout of VSP G200 to VSP G800 storage systems.
<b>Section 2</b>	<b>System Pre-Installation, Installation and Configuration</b>
2.1	Describe the VSP G200 to VSP G800 storage systems pre-installation procedures and documentation.
2.2	Describe the "New Installation" procedure for VSP G200 to VSP G800 storage systems and when it is appropriate to use.
2.3	Describe the key steps involved in the installation and initial configuration of VSP G200 to VSP

	G800 storage systems.
2.4	Describe how program products are enabled and used on VSP G200 to VSP G800 storage systems.
<b>Section 3</b>	<b>Provisioning</b>
3.1	Describe RAID concepts and storage provisioning principles and techniques for VSP G200 to VSP G800.
3.2	Describe port security concepts and how storage is presented to hosts on VSP G200 to VSP G800 storage systems.
<b>Section 4</b>	<b>Management Tools</b>
4.1	Identify the management tools of VSP G200 to VSP G800 storage systems, describe their function and how to use them.
4.2	Describe how Hitachi Infrastructure Director is used to manage VSP G200 to VSP G800 storage systems.
4.3	Describe how Hitachi Command Suite is used to manage VSP G200 to VSP G800 storage systems.
<b>Section 5</b>	<b>Virtualization</b>
5.1	Describe how to set up an external storage configuration with VSP G200 to VSP G800 storage systems.
<b>Section 6</b>	<b>Maintenance and Incident-Resolution</b>
6.1	Identify documentation and tools provided by HDS to install, configure and service VSP G200 to VSP G800 storage systems.
6.2	Describe how to perform online hardware upgrades and reconfigurations on VSP G200 to VSP G800 storage systems.
6.3	Describe how to perform firmware updates on VSP G200 to VSP G800 storage systems.
6.4	Describe the parts-replacement procedures on VSP G200 to VSP G800 storage systems.
6.5	Describe problem-determination and incident-resolution tools and techniques used when troubleshooting VSP G200 to VSP G800 technical problems.