



EXAM DESCRIPTION

Hitachi Data Systems Qualified Professional – Modular Storage Installation HQT-4110 Exam

Description:	This test is designed for Hitachi Data Systems employees and partners who install Hitachi modular-storage systems. The test will validate that the successful candidate has knowledge and skills in installing, configuring and supporting Hitachi modular-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 modular systems. This test covers the Hitachi Unified Storage 100 series.
Audience:	Hitachi Data Systems employee and partner installation professionals. Hitachi modular-storage installation professionals should have strong knowledge and skills in installing and supporting storage systems deployed as part of Hitachi modular-storage solution 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:	TCI2208 Installing & Supporting Hitachi Unified Storage course (4d ILT)
Exam type:	Qualification
Format:	Proctored, closed-book exam
Credential:	Hitachi Data Systems Qualified Professional - Modular storage installation
Delivery:	The exam is available through the Kryterion Webassessor 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.
Questions:	35
Passing score:	65%
Duration:	60 minutes
Cost:	US\$100

Test Objectives

Section 1	System architecture
1.1	Describe the architecture and operating concepts of the Hitachi Unified Storage series.
1.2	Describe the internal components of the Hitachi Unified Storage systems and describe their function.
1.3	Describe the functionality and benefits of the Hitachi Unified Storage platform internal-software architecture.
Section 2	System pre-installation
2.1	Given a scenario, identify pre-deployment requirements for a Hitachi Unified Storage system installation.
Section 3	System installation
3.1	Describe the key steps involved with an initial installation of a Hitachi Unified Storage system.
3.2	Describe how to install Hitachi Unified Storage systems in SAN environments.
3.3	Describe the how program products are installed, enabled and used on Hitachi Unified Storage systems.

Section 4	System configuration and management
4.1	Describe how Storage Navigator Modular 2 is used to configure and manage Hitachi Unified Storage systems.
4.2	Describe how security is setup to restrict LU access on Hitachi Unified Storage systems.
Section 5	Storage Area Network integration
5.1	Describe how HBAs supported by Hitachi Data Systems are installed and configured on Windows and UNIX operating systems.
5.2	Describe the function of zoning.
Section 6	Maintenance and problem determination through implementation
6.1	Identify documentation and tools provided by Hitachi Data Systems for installing, configuring and servicing Hitachi modular-storage systems.
6.2	Describe the Web Tool functionality and usage.
6.3	Understand and apply the processes for online hardware upgrades and reconfigurations of Hitachi Unified Storage systems.
6.4	Describe the firmware-update process for Hitachi Unified Storage systems.
6.5	Describe parts-replacement procedures for Hitachi Unified Storage systems.
6.6	Describe problem-determination and incident-resolution tools and techniques used when troubleshooting Hitachi Unified Storage systems installation issues.



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