



EXAM DESCRIPTION

**Hitachi Data Systems Certified Expert – Storage Virtualization Solutions Implementation
HCE-5730 Exam**

Description:	This exam certifies that the successful candidate has the advanced knowledge, skills and abilities to implement, integrate and support HDS storage virtualization solutions. This test is designed for Hitachi Data Systems employees and partners who deploy and integrate Hitachi virtualization solutions in customer environments. The test will validate that the successful candidate has knowledge and skills in implementing and supporting virtualization solutions running on Hitachi Virtual Storage Platform F and G series. This includes a thorough understanding of deployment and integration procedures and best practices, and of the tools and techniques related to supporting the solutions. This test covers Hitachi Universal Volume Manager; Hitachi Command Suite; Hitachi Tiered Storage Manager; Hitachi Dynamic Provisioning and Hitachi Dynamic Tiering software; Hitachi Storage Advisor; as well as global-active device and virtual storage machine features.
Audience:	Hitachi Data Systems employee and authorized partner implementation and integration professionals. Hitachi virtualization solutions implementation personnel should have strong knowledge and skills in the use, deployment and support of Hitachi virtualization solutions. They have knowledge of general storage and storage-network concepts and in the area of interoperability of storage networking. As systems integrators, they provide pre-installation services, and following best practices, they deploy, configure and test the features included in the solutions. They provide post-installation support services, including solutions maintenance, updates and upgrades, and they have thorough knowledge of problem determination and incident-resolution tools and techniques. They support all related administrative activities and should be able to perform knowledge-transfer tasks by communicating needed information to allow clients to assume responsibility for operation of the solutions deployed.
Supporting material:	TSI2565 Managing Hitachi Storage with Hitachi Command Suite v8.x (5d ILT) and TSI2563 Implementing Virtualization and Data Mobility Solutions v8.x course (5d ILT) TSE2630 Migrating Data with Nondisruptive Migration Using Hitachi Command Suite v8.x (6h vILT)
Exam type:	Certification
Format:	Proctored, closed-book exam
Credential:	Hitachi Data Systems Certified Expert - Storage virtualization solutions implementation
Delivery:	The exam is available through the Kryterion Webassessor system.
Questions:	60
Passing score:	66%
Duration:	90 minutes; 120 minutes for non-English-speaking countries
Cost:	US\$225

Test Objectives

Section 1	Solution Pre-deployment
1.1	Describe how to validate the solution design and check the deployment prerequisites.
1.2	Describe how to assess the customer’s environment.
1.3	Describe the interactive SE Console (iSEC) concepts.
Section 2	Storage Virtualization Operating System (SVOS) Deployment
2.1	Describe how to set up an external storage environment.
2.2	Demonstrate how to use Universal Volume Manager to implement external storage solutions.

2.3	Describe how the raidcom command is used for managing Hitachi storage systems.
2.4	Describe how to define Virtual Storage Machines.
2.5	Describe Hitachi Dynamic Provisioning implementation concepts.
2.6	Describe global-active device implementation and usage concepts.
2.7	Describe Hitachi Dynamic Link Manager implementation concepts.
2.8	Describe nondisruptive migration (NDM) concepts.
2.9	Describe how to implement encryption on Hitachi storage systems.
Section 3	Data Mobility Solutions Deployment
3.1	Describe Hitachi data mobility concepts using Hitachi Tiered Storage Manager.
3.2	Describe Hitachi Dynamic Tiering implementation concepts.
Section 4	Solution Post Deployment
4.1	Describe how to maintain and administer the deployed solution.
4.2	Demonstrate knowledge of Hitachi Dynamic Tiering administration.
4.3	Demonstrate knowledge of Hitachi Dynamic Provisioning administration.
4.4	Describe Hitachi Command Suite capabilities.
4.5	Describe the functions of the Hitachi Command Suite Analytics tab.
4.6	Describe Hitachi Storage Advisor capabilities.