EXAM DESCRIPTION

Hitachi Vantara Qualified Professional
Hitachi Ops Center Administration
HQT-6741 Exam

This test is primarily designed for Hitachi Vantara customers who manage Hitachi storage systems with Hitachi Ops Center Administrator. It is also available to Hitachi Vantara employees and partners. The test will validate that the successful candidate has knowledge of the configuration and management tools, techniques and best practices that relate to all operational aspects of system management in a customer environment. The test covers Hitachi Ops Center Administrator.

Audience: Hitachi Vantara Customer, Partner, and Employee Storage Administrators

Storage administrators should have knowledge of all storage-related operations from an end-user perspective. They are responsible for planning, allocating and managing storage, architecting storage layouts, planning connectivity, policy design, performance tuning, instituting disaster-recovery processes, cataloging maintenance and QA testing. Storage administrators should also have knowledge of storage systems, servers, operating systems, file systems, disk drives, Fibre Channel, host bus adapters, interconnect hardware, interoperability of storage networking and virtualization techniques.

Exam Type
Qualification

Format
Proctored, closed book exam

Credential
Hitachi Vantara Qualified Professional – Hitachi Ops Center Administration

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
• TSI2929 - Managing Hitachi Ops Center Administrator (5-day ILT/vILT)
• TSP2929 - Managing Hitachi Ops Center Administrator (online training)

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Test Objectives	
Section 1	**Hitachi Ops Center Administrator overview**
1.1	Describe the benefits of using Hitachi Ops Center Administrator.
1.2	Describe the Hitachi Ops Center Administrator login and dashboard.
Section 2	**Hitachi storage systems family**
2.1	Describe the characteristics of the VSP 5000 systems.
2.2	Describe the characteristics of the VSP E Series systems.
Section 3	**Resource discovery with Hitachi Ops Center Administrator**
3.1	Describe how to add resources to Hitachi Ops Center Administrator.
Section 4	**Configuring storage with Hitachi Ops Center Administrator PART 1**
4.1	Describe the concepts of parity groups and how to create them.
4.2	Describe the concepts of pools and how to create them.
4.3	Describe Hitachi Dynamic Provisioning (HDP) and Hitachi Dynamic Tiering (HDT) features and specifications.
Section 5	**Configuring storage with Hitachi Ops Center Administrator PART 2**
5.1	Describe the different types of volumes configured in Hitachi storage systems.
5.2	Describe how to create volumes.

* 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.

• TSB2929 - Managing Hitachi Ops Center Administrator (intensive 2-day ILT)

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5.3	Describe Hitachi storage systems port settings.
Section 6	**Host operations with Hitachi Ops Center Administrator**
6.1	Describe host operations and how to attach volumes to servers.
6.2	Describe the Server Group concept.
6.3	Describe Hitachi Ops Center Administrator enhanced provisioning capabilities (Attach like volumes, Using existing LUN path)
6.4	Describe Host Group, Host Mode and Host Mode Option concepts and operations.
Section 7	**Virtual Storage Machine (VSM) with Hitachi Ops Center Administrator**
7.1	Describe how to setup and manage Virtual Storage Machines (VSMs).
Section 8	**Migration and protection with Hitachi Ops Center Administrator**
8.1	Describe internal and external storage migration concepts.
8.2	Describe data protection with local and remote replication.
Section 9	**Multi-pathing and load balancing**
9.1	Describe the ALUA concept and setup.
9.2	Describe how Hitachi Dynamic Link Manager provides multi-pathing and load balancing.
9.3	Describe the Hitachi Global Link Manager functionality.
Section 10	**Adaptive Data Reduction (ADR) with Hitachi Ops Center Administrator**
10.1	Describe the Adaptive Data Reduction (ADR) concepts.
10.2	Describe the Adaptive Data Reduction (ADR) configuration.
Section 11	**Hitachi Ops Center Administrator monitoring and administration**
11.1	Describe Hitachi Ops Center Administrator account authentication using Microsoft Active Directory (AD).
11.2	Describe the Hitachi Ops Center Administrator backup, restore, upgrade and log collection procedures.
11.3	Describe Hitachi Ops Center Administrator monitoring capabilities.
Section 12	**Command Line Interface (CLI)**
12.1	Describe the Hitachi Ops Center Command Line Interface (CLI) concepts.
12.2	Describe how to use the REST API with Hitachi Ops Center Administrator.
12.3	Describe how to use the REST API with Hitachi Ops Center Configuration Manager (CM).

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