EXAM DESCRIPTION

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

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)

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.

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 graphical user interface (GUI).
Section 2	**Resource discovery with Hitachi Ops Center Administrator**
2.1	Describe how to add resources to Hitachi Ops Center Administrator.
2.2	Describe server group concepts and management.
Section 3	**Parity Groups and Pools**
3.1	Describe the concepts of parity groups and how to create them.
3.2	Describe the concepts of pools and how to create them.
3.3	Describe Hitachi Dynamic Provisioning (HDP) and Hitachi Dynamic Tiering (HDT) features and specifications.
Section 4	**Volume management**
4.1	Describe volume specifications and operations.
4.2	Describe Hitachi storage systems port settings.
Section 5	**Host operations with Hitachi Ops Center Administrator**
5.1	Describe host operations, and how to attach volumes to servers and detach them.
5.2	Describe Host Group, Host Mode and Host Mode Option concepts and operations.

* 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.

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Section 6	Hitachi storage systems family
6.1	Describe the characteristics of the VSP 5000 systems.
6.2	Describe the characteristics of the VSP E Series systems.
Section 7	Adaptive Data Reduction (ADR) with Hitachi Ops Center Administrator
7.1	Describe the Adaptive Data Reduction (ADR) feature.
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 high availability replication.
Section 9	Virtual Storage Machine (VSM) with Hitachi Ops Center Administrator
9.1	Describe Virtual Storage Machines (VSMs) concepts & management.
Section 10	Multi-pathing and load balancing
10.1	Describe the ALUA concept and setup.
10.2	Describe how Hitachi Dynamic Link Manager provides multi-pathing and load balancing.
Section 11	Command Line Interface (CLI) and REST
11.1	Describe the Hitachi Ops Center Command Line Interface (CLI) concepts.
11.2	Describe how to use the REST API with Hitachi Ops Center Administrator.
Section 12	Hitachi Ops Center Administrator monitoring and administration
12.1	Describe Hitachi Ops Center Administrator account authentication using Microsoft Active Directory (AD).
12.2	Describe the Hitachi Ops Center Administrator backup, restore, and log collection procedures.
12.3	Describe Hitachi Ops Center Administrator monitoring capabilities.

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