

COURSE DESCRIPTION

Managing Hitachi Ops Center Administrator TSI2929

Who Should Attend

- Storage Administrator

Level

- Professional

Required Knowledge and Skills

- Basic knowledge of management software
- Basic understanding of block storage
- RAID storage systems and their basic functions
- Volume creation and management
- Pool creation and management
- Parity group creation and management

Prerequisite Courses

- None

Supplemental Courses

- Managing Hitachi Ops Center Analyzer – TXI3684
- Managing Data Protection with Hitachi Ops Center Protector – TSI2995
- Managing Hitachi Ops Center Automator – TSI2690

Delivery Type

- Instructor-led Training (ILT)
- Virtual Instructor-led Training (vILT)

Course Length

- 5 days

Use Hitachi Ops Center Administrator to perform administrative tasks

This course provides information about basic administration and provisioning tasks using Hitachi Ops Center Administrator. These tasks include storage setup and configuration (onboarding and discovering storage), creating parity groups, pools, volumes, LUNs, and managing and creating Volume Migration and Protection. Learning several Ops Center Administrator features to enhance the work of storage administrator, like Scan Host Group and Virtual Storage Machine (VSM). The course also explains how to manage and monitor storage from the Hitachi Ops Center Administrator Dashboard.

Additionally, hands-on lab activities enable you to gain practical experience and knowledge about administering and provisioning using Hitachi Ops Center Administrator.

Certification

This course also prepares you for the following Hitachi Vantara Qualified Professional qualification test:

- [Hitachi Vantara Qualified Professional - Ops Center Administration \(HQT-6741\) exam](#)

Depending on the location and course delivery format, this closed-book, proctored qualification test may be offered and administered by the instructor at the conclusion of this course, using the [Kryterion Webassessor](#) system. It is also available online (online proctored) and at Kryterion testing centers (onsite proctored).

Course Objectives

When you complete this course, you should be able to:

- Give a brief overview of the Hitachi storage systems
- Describe a Hitachi Ops Center Administrator installation and upgrades
- Use the Hitachi Ops Center Administrator Dashboard to add storage systems
- Explain how to create parity groups, pools, and volumes
- Describe the host operations by attaching volumes, running workflow and settings storage system ports attributes
- Use Hitachi Ops Center Administrator Dashboard for cloning and snapshot to protect a volume. And describe High Availability feature
- Explain how to discover storage systems, servers, and fabric switches
- Describe the concepts of migration and the use of command line interface (CLI) methods, both CCI and REST API

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- Describe multipathing concepts including the Asymmetric Logical Unit Access (ALUA) feature and Hitachi Dynamic Link Manager (HDLM) and Hitachi Global Link Manager (HGLM) software
- Explain the Virtual Storage Machine (VSM) concept and its applications
- Describe what is Adaptive Data Reduction (ADR) and list its benefits
- Monitor capacity utilization and hardware resources
- Perform backup, restore, and upgrade procedures

Course Outline

Content Modules

- Overview
- Hitachi Storage Systems Family
- Installation and Upgrades
- Resources Discovery
- Configuration Part 1
- Configuration Part 2
- Host Operations
- Virtual Storage Machine (VSM)
- Protection
- Migration
- Multipathing I/O Management
- Adaptive Data Reduction (ADR)
- Administer and Monitor
- Command Line Interface (CLI) and REST API

Learning Activities — Labs

- Overview
- Software Upgrade
- Resources Discovery
- Configuration Part 1 and Part 2
- Host Operations
- VSM
- Protection and Migration
- Multipath Management
- Administer and Monitor
- REST API

Digital Badge

You will receive the **Hitachi Ops Center Administration Management** digital badge once you complete this course.

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