

COURSE DESCRIPTION

Managing Hitachi Ops Center Administrator TSI2929

Who Should Attend

- Architect
- Field Engineer
- Storage Administrator

Level

- Professional

Availability

- Customer
- Partner
- Employee

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

Follow On Course(s)

- 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

Gain practical experience and learn the best practices for managing services effectively

This intermediate 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, and LUNs, as well as managing and creating volume migration and protection. You will learn several Ops Center Administrator features to enhance the work of storage administrators, such as Scan Host Group and Virtual Storage Machine (VSM). The course also explains how to manage and monitor storage from 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.

Learning Path: [Hitachi Ops Center](#)

Digital Badge

At the successful completion of this course, you will receive the **Hitachi Ops Center Administration Management** digital badge.

Certification

This course prepares you for the [Hitachi Vantara Qualified Professional - Ops Center Administration \(HQT-6741\)](#) professional qualification test*.

*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:

- Provide a brief overview of Hitachi storage systems
- Describe Hitachi Ops Center Administrator installation and upgrades
- Use Hitachi Ops Center Administrator Dashboard to add storage systems
- Explain how to create parity groups, pools, and volumes
- Describe host operations, including 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 explain the High Availability (HA) feature
- Explain how to discover storage systems, servers, and fabric switches

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- Describe migrations concepts and the use of command line interface (CLI) methods, including both CCI and REST API
- Describe multipathing concepts, such as the Asymmetric Logical Unit Access (ALUA) feature and Hitachi Dynamic Link Manager (HDLM) software
- Describe the Virtual Storage Machine (VSM) concept and its applications
- Describe 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
- Resources Discovery
- Parity Groups and Pools
- Volume Management
- Host Operations
- Hitachi Storage Systems Family
- Adaptive Data Reduction (ADR)
- Protection
- Migration
- Virtual Storage Machine (VSM)
- Multipathing I/O Management
- Command Line Interface (CLI) and REST API
- Installation and Upgrades
- Administer and Monitor

Learning Activities — Labs

- Overview
- Resources Discovery
- Parity Groups and Pools
- Volume Management
- Host Operations
- Virtual Storage Machine (VSM)
- Protection
- Migration
- Multipath Management
- REST
- Installation and Upgrades
- Administer and Monitor

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