

Managing In-System and Remote Replications

TSI2980

COURSE DESCRIPTION

This course provides in-depth knowledge about the specifications, operations, and troubleshooting of Hitachi In-System replication software bundle and Hitachi TrueCopy Heterogeneous Remote Replication bundle.

The course also covers how to manage replication with command control interface (CCI) software. Additionally, this course includes an overview of global-active device and Hitachi Data Instance Director (HDID) features.

Numerous hands-on practices are included to build necessary skills to configure in-system and remote replication using Hitachi Device Manager Storage Navigator (HDvM-SN), RAID Manager CCI, and RAIDCOM commands.

COURSE OBJECTIVES

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

- Describe key features and internal operations of Hitachi ShadowImage In-System Replication software bundle
- Use Hitachi Device Manager Storage Navigator (HDvM-SN) and Command Control Interface (CCI) for ShadowImage pair operations
- Describe the key features and internal operations of Hitachi Thin Image
- Configure Thin Image pools and virtual volumes
- Use HDvM-SN, CCI and RAIDCOM for Thin Image snapshot pair operations
- Describe the key features and operations of Hitachi TrueCopy Remote Replication
- Configure and operate a TrueCopy replication using HDvM-SN
- Create TrueCopy pair operations using CCI
- Make changes to replication configurations using RAIDCOM configuration setting commands
- Describe global-active device features and functions
- Describe Hitachi Replication Manager (HRpM) interface and operations
- Describe Hitachi Data Instance Director (HDID) features and functions

COURSE OUTLINE

Content Modules

- Hitachi ShadowImage® (SI) Internal Operations Overview
- Hitachi ShadowImage (SI) Operations With Storage Navigator
- Hitachi Thin Image Overview

Delivery Type

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

Duration

- 5 days

Course Availability

- Employees
- Customers
- Partners

Target Audience

- Install and Support

Required Knowledge and Skills

- Hitachi Storage Navigator on any of the following systems:
 - Hitachi Virtual Storage Platform G1x00 (VSP G1000 or VSP G1500)
 - Hitachi Virtual Storage Platform G Midrange (VSP Gx00)

Prerequisites

- TSI2565 – Managing Hitachi Storage With Hitachi Command Suite v8.x
OR
- TXI3932 - Working With Hitachi Ops Center

Supplemental Courses

- TSI0150 – Implementing Hitachi Universal Replicator on Open Systems
- TSI2295 – Managing Hitachi Data Instance Director v6.x
- TSI2728 – Operating and Managing Global-Active Device

- Hitachi Thin Image Operations With Storage Navigator (SN2)
- Hitachi TrueCopy Internals and Storage Navigator Operations
- Hitachi TrueCopy Configuration and System Performance
- Hitachi Universal Replicator (HUR) Overview
- Hitachi Global-Active Device Overview
- Hitachi Replication Manager (HRpM) Overview
- Hitachi Data Instance Director (HDID) Overview
- Command Control Interface (CCI) Software Overview
- Replication Operations With Command Control Interface (CCI) Software

Learning Activities-Labs

- ShadowImage Operations
- Thin Image Configuration and Operations
- TrueCopy Configuration and Operations
- RAIDCOM Configuration Setting Operations (Optional)
- Hitachi Replication Manager Operations (Optional)
- ShadowImage Operations With CCI
- Thin Image Operations With CCI
- TrueCopy Operations With CCI

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