

Delivery Type

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

Course Length

- 5 days

Course Availability

- Employees
- Partners
- Customers

Suggested Audience

- Architect
- Install and Support
- Administration

Required Knowledge and Skills

- Knowledge of server virtualization
- Knowledge of SAN and LUN management
- VMware experience or training
- Knowledge of concepts such as in-system and remote replication
- Knowledge of Hitachi enterprise and modular storage

Prerequisite Courses

- TH12264 — Hitachi Data Systems Storage Foundations
- TSI2565 — Managing Hitachi Storage with Hitachi Command Suite v 8.x
- TSI2259 — Provisioning for Hitachi Unified Storage (US Only) (5 days)
- TSI1949 — Basic Provisioning for Hitachi Unified Storage (EMEA and APAC) (3 days)

Supplemental Courses

- None

TSI2847 — Configuring and Managing Hitachi Storage Systems in a VMware Environment

Course Highlights

- Learn and leverage latest Hitachi supported features and functionality in VMware vSphere v6.0
- Explore techniques to manage their VMware environment with Hitachi storage deployed

Course Description

This 5 day course provides information on how the Hitachi storage systems support VMware environment. The course covers VMware concepts, architecture and features in addition to instructions on how to configure Hitachi Command Suite for virtual volumes and multipathing for Hitachi Dynamic Link Manager. The course also introduces you to the latest network enhancements with VMware v6.x. Additionally, the course familiarizes you with the capacity planning best practices and troubleshooting techniques in Hitachi storage with VMware environments.

This course includes hands-on lab activities designed to build the skills necessary to reinforce the concepts presented during the course.

Course Objectives

Upon completion of this course, you should be able to:

- Describe the VMware concepts and terminology
- Describe VMware vCenter Server architecture and features
- Configure the Hitachi Command Suite in a VMware environment
- Explain the available Hitachi storage adapters for VMware environment
- Explain the Hitachi storage capacity planning best practices
- Use Fiber Channel storage with VMware
- Use Network File System (NFS) storage with VMware
- Explain the virtual and physical networking concepts
- Demonstrate the VMware administration tasks
- Describe data protection features based on Virtual Infrastructure Integrator
- Describe Hitachi disaster recovery solutions for VMware Site Recovery Manager (SRM)
- Configure Hitachi Dynamic Link Manager for VMware environment
- Explain the troubleshooting techniques in Hitachi storage with VMware environment



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[Community.hds.com](https://community.hds.com)

- Describe the purpose of VMware vRealize Suite and how Hitachi integrates to vRealize

Course Outline

Content Modules

- VMware Concepts and Terminology
- vCenter Server Architecture and Installation
- Using Hitachi Command Suite for VMware
- VMware Capacity Planning
- Fiber Channel Storage With VMware
- Virtual and Physical Networking Concepts
- NFS Storage With VMware
- Hitachi Adapters for VMware Environment
- Virtual Volume Integration With Hitachi Storage
- Hitachi Data Protection Solutions for VMware
- Hitachi Disaster Recovery Solutions for VMware SRM
- Hitachi Dynamic Link Manager for VMware Environment
- Support and Troubleshooting
- VMware vRealize Suite Integration

Learning Activities — Labs

- Manage VMware Environment
- Integrate vCenter with Hitachi Command Suite
- Provision Storage for VMware vCenter
- Deploy Hitachi Storage Plug-In for VMware vCenter
- Deploy VMware Virtual Volumes
- Install, Configure and Implement Hitachi Virtual Infrastructure Integrator
- Install, Configure and Implement VMware Site Recovery Manager
- Install and Manage Hitachi Dynamic Link Manager for VMware (Optional)

To register or for more information, go to <https://learningcenter.hds.com>

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