Installing and Supporting Hitachi VSP One File
TCI2035

Who Should Attend

- Install and Support

Level

- Professional

Required Knowledge and Skills

- Hitachi enterprise or modular storage systems installation, configuration, and support
- NAS and SAN concepts
- TCP/IP networking concepts, such as router and switches
- Network management and maintenance
- UNIX/Linux administration
- Microsoft® Windows® administration

Prerequisite Courses

- Getting Started with Hitachi Vantara Storage – TXP6758
- Storage Concepts – CCI0110

Follow-On Courses

- Managing Hitachi Network Attached Storage (NAS) – TCI2910

Delivery Type

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

Course Length

- 4 days

Equip your team with the expertise needed to confidently handle VSP One File installation and maintenance responsibilities

Course Description

This intermediate course provides detailed procedures for installing and supporting Hitachi VSP One File models 32/34/38 and Hitachi NAS Platform (HNAS) 5x00. It introduces the Virtual Storage Platform One File models, focusing on installation and support requirements.

There are extensive hands-on lab sessions to make you familiar with both the equipment and function of the VSP One File models. You will gain experience doing the physical wiring to the Ethernet infrastructure. You will learn how to connect the back-end Fibre Channel cables correctly for both direct attached storage (DAS) and over Fibre Channel SAN attached storage configuration scenarios. You will perform a full initial installation of the Hitachi VSP One File system. Performing common maintenance tasks, such as the physical replacement of Field Replaceable Units and executing firmware upgrades on all VSP One File models, will be covered in the lab sessions.

Note: The course material and lab activities are based on firmware version 15.1.8081xx, also referenced as Elephant-2.

Digital Badge

At the successful completion of this course, you will receive the **Hitachi VSP One File Installation and Support** digital badge.

Certification

This course prepares you for the [Hitachi Vantara Qualified Professional - VSP One File installation (HQT-4230)](#) exam 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:
- Explain the concepts of Hitachi VSP One File
- Describe the physical and logical architecture of VSP One File
- Connect VSP One File to the Ethernet infrastructure using pre-labeled wiring

Your roadmap to professional growth starts here!

Discover what Hitachi Vantara Global Learning has to offer.

Visit our Training Portal or contact a Global Learning Education Consultant here.

- Physically attach VSP One File to a Hitachi Vantara storage system using different Fibre Channel attachment scenarios
- Configure the VSP One File and the hardware and software of Hitachi Vantara storage system
- Identify the functionalities of the VSP One File file system, perform preventative maintenance and troubleshooting

Course Outline

Content Modules

- Hitachi NAS Overview
- Hardware Architecture
- Software Architecture
- Installing Hitachi VSP One File Models 3x
- Ethernet and Fibre Channel Networks
- Hitachi NAS File System
- Access Protocols
- N-Way Clustering
- Maintenance
- Troubleshooting and Replacement

Learning Activities — Labs

- Component Identification
- Hitachi VSP One File 34 Initial Setup or Hitachi NAS Platform 5200
- Initial Setup
- Virtual SMU Initial Setup
- Hitachi NAS Management Network
- Hitachi NAS Platform LUN Discovery
- Networking
- File Systems and Basic CIFS Administration
- Virtualized SMU Deployment (Instructor Demo)
- Switchless Clustering
- Maintenance and Firmware Upgrade
- Troubleshooting and Replacement

Register Now

Hitachi Vantara