

Installing and Supporting Hitachi NAS Platform

TCI2035

COURSE DESCRIPTION

Delivery Type

- Instructor-led Training (ILT)

Duration

- 4 days

Target Audience

- Install and Support

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

Recommended Courses

- **TCI2211** – Network Fundamentals

Supplemental Courses

- **TCI2909** – Implementing Hitachi VSP Gx00/VSP Fx00 With NAS Modules and HNAS 4000 Series Systems

Course Description

This 4 day instructor-led course provides detailed procedures for installing and supporting Hitachi NAS Platform (HNAS) node systems. It introduces HNAS models, focusing on installation and support requirements.

There are extensive hands-on lab sessions to help you to become familiar with both the equipment and function of the HNAS models. This is followed by an initial installation of the complete system and creating a clustered environment.

Performing common maintenance tasks, such as the physical replacement of field replaceable units (FRUs), and executing firmware upgrades on all HNAS modules will be covered in the lab sessions.

The course material and lab activities are based on firmware version 13.1.4428.xx, also referenced as Cornet-2.

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

- Hitachi Vantara Qualified Professional – NAS Installation (HQT-4210) 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 at Kryterion testing centers.

Course Objectives

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

- Describe the concepts of Hitachi NAS Platform (HNAS)
- Identify the physical and logical architecture of HNAS
- Describe how to connect HNAS to the private and public Ethernet infrastructure
- Install HNAS components for standalone and clustered configurations
- Identify the functionalities of the HNAS file system
- Perform preventative maintenance and troubleshooting

Course Outline

Content Modules

- Hitachi NAS Overview
- Hardware Architecture
- Software Architecture

(continue on next page)

Course Outline *(continued)*

- Installing Hitachi NAS Platform Models 4xx0
- Ethernet and Fibre Channel Networks
- Clustering
- VSP Fx00/VSP Gx00
- Hitachi NAS Storage Pools (Spans)
- Maintenance
- Troubleshooting and Replacement

Learning Activities—Labs

- Identifying Components
- Setting UP Hitachi NAS Platform Node
- Installing the Embedded SMU
- Setting Up External SMU
- Clustering
- Networking
- Configuring Storage Pools
- Upgrading SMU and Firmware
- Troubleshooting and Replacement

To register or for more information, go to:

- [Hitachi Vantara Learning Center](#) (partners)
- [Hitachi University](#) (employees)

Join the Conversation

Ask questions and connect with other Hitachi Vantara customers, partners and employees within the Hitachi Vantara Community. community.HitachiVantara.com

Hitachi Vantara



Corporate Headquarters
2535 Augustine Drive
Santa Clara, CA 95054 USA
www.HitachiVantara.com | community.HitachiVantara.com

Contact Information
USA: 1-800-446-0744
Global: 1-858-547-4526
HitachiVantara.com/contact