

Delivery Type

- Instructor-Led Training (ILT)
- Virtual Instructor-Led Training (VILT)

Course Length

- 5 days

Course Availability

- Employees
- Customers
- Partners

Suggested Audience

- Administration
- User

Required Knowledge and Skills

- UNIX and Microsoft Windows network management, maintenance, and administration
- Network attached storage, network switch and router configuration, management, and maintenance

Level

- Professional

Prerequisite Courses

- None

Supplemental Courses

- Advanced Administration and Operation of Hitachi NAS Platform v12.x – TCI2623

Managing Hitachi Network Attached Storage (NAS) — TCI2910

Course Description

This course introduces the operation and administration of Hitachi Network Attached Storage Platform (HNAS) models 4xx0/5x00 and Hitachi Virtual Storage Platform (VSP) series with NAS modules.

The course also covers clustering, network environments, Hitachi Enterprise Virtual Server (EVS) for NAS, file systems, authentication, file sharing, and data protection.

Lab activities are included to provide hands-on practice on operation and administration tasks. In addition, you will get an opportunity to follow the process for creating an EVS with associated file system, join Microsoft Active Directory services, and create CIFS shares and NFS exports.

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

- Hitachi Vantara Qualified Professional - NAS Administration (HQT-6200)

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).

At the successful completion of this course, you will receive the **Hitachi NAS Platform Administration** digital badge.

Course Objectives

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

- Describe the main concepts of the current models of Hitachi Network Attached Storage Platform (HNAS) and Hitachi Virtual Storage Platform (VSP) series with NAS module



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

- Recognize the hardware and software elements of Hitachi NAS Platform models 4xx0/5x00 and VSP series with NAS module
- Explain the functions of the HNAS file system
- Identify administrative processes of the Hitachi NAS Platform family
- Discuss various HNAS and VSP series with NAS module data protection feature

Course Outline

Content Modules

- Hitachi NAS Platform Overview
- Architecture
- Configuration and Management
- N-Way Clustering
- Networking
- System Drives and Storage Pools (SPANS)
- Enterprise Virtual Servers (EVS)
- File System
- File System Features
- Access Protocols
- Access Security Concepts
- Disaster Recovery
- Snapshots and Cloning
- Data Migration Features
- Data Protection Features
- Object Replication
- File Replication

Learning Activities — Labs

- Creating Aggregate Groups
- System Drives and Storage Pools (SPAN)
- Creating EVSs and Migrating an EVS in a Clustered Environment
- Creating File Systems
- Creating Virtual Volumes
- Working With CIFS and NFS
- Data Protection and File System Migration
- File Migration
- Object Replication
- File Replication

To register or for more information, go to:

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

Hitachi Vantara



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

Regional Contact Information
Americas: +1 866 374 5822 or info@hitachivantara.com
Europe, Middle East and Africa: +44 (0) 1753 618000 or info.emea@hitachivantara.com
Asia Pacific: +852 3189 7900 or info.marketing.apac@hitachivantara.com

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