

RELIABLE TRUSTED CHANGE EXPERTISE AGILITY COMPETITIVE RESULTS CONNECTED DATA UNSTRUCTURED INNOVATE INFORMATION GLOBAL DISCOVER EXPERIENCE RESULTS TRANSFORM RELIABLE

HITACHI DATA SYSTEMS ACADEMY

**Delivery Type**

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

**Course Length**

- 5 Days

**Course Availability**

- Employees
- Partners
- Customers

**Suggested Audience**

- Implementation and Support
- Storage Manager

**Required Knowledge and Skills**

- Working knowledge of Hitachi enterprise storage, Hitachi modular storage, Hitachi optimization and virtualization tools, and Hitachi monitoring and reporting tools

**Recommended Courses**

- TSI2563 — Implementing Virtualization and Data Mobility Solutions v8.x
- TSI2596 — Managing Storage Performance with Hitachi Tuning Manager v8.x
- TSI2598 — Performing Advanced Operations with Hitachi Tuning Manager v8.x

**Supplemental Courses**

- None

**TSI2597 — Architecting Storage Performance with Hitachi Storage Using Hitachi Command Suite v8.x**

**Course Highlights**

- Develop your architecting storage expertise by keeping up with the latest in performance concepts, tools and design principles
- Understand and apply Hitachi Command Suite analytics, and use Hitachi Tuning Manager to view performance metrics
- Diagnose and troubleshoot performance issues and practical solutions from best-in-class case studies
- Identify metrics for storage configuration, sizing and performance

**Course Description**

This 5 day course covers performance concepts and tools, design principles, storage-related equipment and applications, I/O concepts, storage configurations, assessment and planning, and design of storage solutions.

This course includes case studies that will allow learners to diagnose performance issues and provide viable solutions.

**Course Objectives**

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

- Describe performance design principles
- Describe workload profiling
- Identify metrics to be collected prior to configuring and sizing the storage system for performance
- Describe best practices when configuring and sizing storage systems for industry-standard applications
- Demonstrate how to configure and size Hitachi storage for performance
- Describe tiered storage virtualization techniques using Hitachi storage systems
- Use Hitachi optimization and virtualization tools
- Use Hitachi monitoring and reporting tools to proactively monitor performance
- Demonstrate ability to troubleshoot performance-related problems

## COURSE DESCRIPTION



### Join The Conversation

Ask questions and connect with other HDS customers, partners, and employees within the Hitachi Data Systems Community.

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

### Course Outline

#### Content Modules

- Basics Review
- Enterprise Storage Architecture
- Modular Storage Architecture
- Performance Tools and Data Sources
- Hitachi Command Suite Analytics
- Hitachi Tuning Manager v8.x Overview
- Reports
- Agent-Level Alarm Management
- Assessing Performance Metrics
- Tiers, Resource Pools and Workload Profiles
- Deployment Planning – Part 1
- Deployment Planning – Part 2
- Storage Virtualization
- Capacity Virtualization
- Monitoring and Troubleshooting

#### Learning Activities — Labs

- Setting up the Environment
- Understanding Performance Metrics
- Using Workload Generators
- Basic Navigation
- Performance Reporter Reports
- Bookmarks
- Alarms
- Analytics
- Problem Determination

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

## Hitachi Data Systems

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