



## TCI1830 - Hitachi Adaptable Modular Storage 2000 Family Architecture and Operations\*

### Details:

#### Format / Delivery Type:

Instructor-led

#### Duration:

2,5 Days

#### Location / Date :

##### Fast Lane AG

Glatt Com (1. Etage/P12),  
 8301 Glattzentrum  
 (Wallisellen/Zürich)  
 Phone +41 (0)44 832 50 80

##### 26.5. – 28.5.2010

Wednesday	09:00 – 17:00
Thursday	09:00 – 17:00
Friday	09:00 – 12:00

##### 1.9. – 3.9.2010

Wednesday	09:00 – 17:00
Thursday	09:00 – 17:00
Friday	09:00 – 12:00

#### \*Special Offering:

This is a special offering for Switzerland and not available for general use.

#### Price:

3.000 CHF

#### Registrations:

Please send your requests to  
[education.switzerland@hds.com](mailto:education.switzerland@hds.com)



### Course Description:

This 2,5 day instructor-led course provides training on configuration and implementation for the Hitachi Adaptable Modular Storage 2000 family (models 2100, 2300, and 2500).

### Course Objectives:

Upon completion of the course, the learner should be able to:

- ❖ Recognize Adaptable Modular Storage 2000 family product positioning, product objectives, features, and benefits
- ❖ Explain the hardware components and architectures
- ❖ Explain active-active I/O pathing and identify the benefits that it offers in hardware performance
- ❖ Identify the implementation specifications for Adaptable Modular Storage 2000 family systems
- ❖ Install the Storage Navigator Modular 2 software
- ❖ Identify the process for contacting Hitachi Data Systems customer support
- ❖ Use the following features and capabilities of Storage Navigator Modular 2 program, including:
  - ❖ Register an Adaptable Modular Storage 2000 family system
  - ❖ Use Account Authentication to provide access control to management functions
  - ❖ Create RAID groups and LUNs
  - ❖ Create host groups, enable host group security, register the World Wide Names of attached host bus adapters (HBA), and map internal LUNs to host group LUNs
  - ❖ Create a logical unit size expansion (LUSE) by unifying internal LUNs.
- ❖ Enable specific features by installing corresponding product license keys.
- ❖ Customize cache utilization for applications using Cache Partition Manager feature
- ❖ Report failures and status to an SNMP server with SNMP Agent Support Function
- ❖ Dynamically increase or reduce the capacity of LUNs by using the LU Grow/Shrink feature
- ❖ Dynamically expand RAID groups online by using the RAID Group Expansion feature



## Education Services

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### Prerequisites:

CCI0110 – Basic Storage Concepts or  
CSC0116 – Overview of Basic Storage  
Concepts  
TCC1690 – Introduction to Hitachi  
Adaptable Modular Storage 2000 Family

### Content Modules:

- ❖ Product Overview
- ❖ Hardware Components and Architecture
- ❖ Active-Active I/O Architecture
- ❖ Setup and Configuration of Hitachi Storage Navigator Modular 2
- ❖ Logical Unit Grow/Shrink
- ❖ Online RAID Group Expansion
- ❖ Setup and Configuration of Hitachi Storage Navigator Modular 2 Command Line Interface
- ❖ Software Feature Overview

### Learning Activities/Lab:

- ❖ Component Locations and Powering Up the System
- ❖ Storage Navigator Modular 2: Configuration
- ❖ Storage Navigator Modular 2: Basic Operations
- ❖ Host Groups and Logical Unit Number Mapping
- ❖ Logical Unit Expansion and Logical Unit Grow/Shrink
- ❖ Online RAID Group Expansion
- ❖ Storage Navigator Modular 2: Command Line Interface