



Education
Services

Details:

Format / Delivery Type:

Instructor-led

Duration:

5 Days

Location / Date :

Fast Lane AG

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

23.8. - 27.8.2010

Monday	09:00 – 17:00
Tuesday	09:00 – 17:00
Wednesday	09:00 – 17:00
Thursday	09:00 – 17:00
Friday	09:00 – 17:00

*Special Offering:

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

Price:

6.000 CHF or 5 Training Units

Registrations:

Please send your requests to
education.switzerland@hds.com

Prerequisites:

CCI0110 – Basic Storage Concepts or
CSC0116 – Overview of Basic Storage
Concepts
General knowledge of terms and
concepts associated with the Open
Systems, UNIX® and/or Microsoft®
Windows® operating environments.

Combo - Hitachi Data Systems Storage Foundations — Enterprise & Modular*



Course Description:

This five day instructor-led course provides a detailed overview of the Hitachi Data Systems enterprise and modular storage products and technology. This includes Hitachi storage hardware and software for the enterprise, modular, virtualization, Services Oriented Storage Solutions strategy, storage area management, performance, configuration, and business continuity, archiving and NAS solutions. In addition, the course presents details on Hitachi Content Archive Platform, Hitachi Dynamic Link Manager and Hitachi Global Link Availability Manager software, and Hitachi ProtecTIER™ Virtual Tape solution.

This course is part of the Hitachi Certified Storage Professional Program and supports the Hitachi Data Systems Storage Foundations - Enterprise and Modular exam (HH0-110 & HH0-120).

Course Objectives:

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

- ❖ Describe the Hitachi Adaptable Modular Storage 2000 products
- ❖ Describe the essential components and software features within modular storage including models, numbering convention, capacities, types of devices, physical to logical maps and program products
- ❖ Describe the storage performance and data protection strategies for Hitachi Data Systems
- ❖ Identify fundamental differences in Hitachi Data Systems storage strategy compared with the competition (internal architecture, disk architecture, cache operations, RAID use and emulation types)
- ❖ Describe the essential components within Hitachi Data Systems storage for the enterprise models including numbering convention, capacities, types of devices, and physical to logical maps
- ❖ Describe the evolution of the enterprise product line from the Hitachi Lightning 9900™ V Series enterprise storage system to the Hitachi Universal Storage Platform™ V and Hitachi Universal Storage Platform™ VM (cite the differences between the products, features, functions, benefits, and any major technology differences)
- ❖ Describe the Hitachi Resource Manager™ utility package and what it is used for (Hitachi Storage Navigator program, volume management, machine management)



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Course Objectives (cont.):

- ❖ Describe the features, functions, and principles for Hitachi TrueCopy® Remote Replication software bundle
- ❖ Describe the features, functions, and principles for ShadowImage® Replication software
- ❖ Describe the features, functions and principles for Hitachi Copy-on-Write Snapshot software
- ❖ Describe the features, functions, and principles for Hitachi Universal Replicator software.
- ❖ Describe how Hitachi Dynamic Link Manager software and Hitachi Global Link Manager software functions
- ❖ Describe the benefits of Services Oriented Storage Solutions from Hitachi Data Systems
- ❖ Describe the product solutions within Services Oriented Storage Solutions from Hitachi Data Systems and how they can solve business issues
- ❖ Given a scenario, describe how virtualization is enabled or used to solve business problems
- ❖ Describe how Hitachi Virtual Partition Manager software enables the logical partitioning of Hitachi Adaptable Modular Storage and Hitachi Workgroup Modular Storage systems
- ❖ Describe how Hitachi Virtual Partition Manager software enables the logical partitioning of the Hitachi Universal Storage Platform™ V and Hitachi Universal Storage Platform™ VM
- ❖ Describe how to manage externally attached storage using the Hitachi Universal Volume Manager software
- ❖ Describe how Hitachi Device Manager software functions
- ❖ Describe how Hitachi Storage Services Manager software functions
- ❖ Describe how Hitachi Tuning Manager software functions
- ❖ Describe Hitachi Data Systems strategy for content archival
- ❖ Describe Hi-Track® Monitor “call home” service/remote monitoring tool
- ❖ Describe Hitachi Essential NAS Platform® benefits to the customer
- ❖ Describe Hitachi Content Archive Platform
- ❖ Describe the Virtual Tape Library Solutions by Hitachi Data Systems

Content Modules:

- ❖ Services Oriented Storage Solutions from Hitachi Data Systems
- ❖ Enterprise Architecture
- ❖ Hitachi Dynamic Link Manager
- ❖ Hitachi Universal Volume Manager Software
- ❖ Hitachi Resource Manager™ Utility Package
- ❖ Hitachi Virtual Partition Manager Software
- ❖ Hitachi Dynamic Provisioning Software
- ❖ Replication Overview
- ❖ In-System Replication
- ❖ Hitachi Replication Software Overview
- ❖ Hitachi ShadowImage® Replication Software



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Content Modules (cont.):

- ❖ Hitachi TrueCopy® Remote Replication Software Bundle
- ❖ Hitachi Universal Replicator Software
- ❖ RAID Manager and Command Control Interface — Overview
- ❖ Hitachi Performance Manager Software
- ❖ Hitachi Storage Command Suite
- ❖ Hitachi Device Manager Software
- ❖ and Hitachi Global Link Manager Software
- ❖ Hitachi Tuning Manager Software
- ❖ Hitachi Tiered Storage Manager Software
- ❖ Hitachi Replication Manager Software
- ❖ Hitachi Content Archive Platform
- ❖ Hitachi Data Protection Suite, Powered by CommVault®
- ❖ Hitachi Storage Capacity Reporter
- ❖ Hitachi NAS Blade and Hitachi Hi-performance NAS Platform, Powered by BlueArc™

Pre-Recorded Product Demonstrations :

- ❖ Hitachi Universal Volume Manager software
- ❖ Hitachi ShadowImage® Replication software
- ❖ Hitachi Device Manager software
- ❖ Dynamic Link Manager software and Global Link Manager software
- ❖ Hitachi Tuning Manager software
- ❖ Storage Services Manager software
- ❖ Tiered Storage Manager software
- ❖ Hitachi Adaptable Modular Storage 2000 family
- ❖ Hitachi Copy-on-Write Snapshot software