



THI0517 - Hitachi Data Systems Storage Foundations — Enterprise

Details:

Format / Delivery Type:

Instructor-led

Duration:

4 Days

Location / Date :

Fast Lane AG

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

31.5. – 3.6.2010

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

Price:

4.800 CHF

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.



Course Description:

This four day instructor-led course provides a detailed overview of the Hitachi Data Systems enterprise storage products and technology. This includes Hitachi storage hardware and software for the enterprise, 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 exam (HH0-110).

Course Objectives:

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

- ❖ Describe 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)
- ❖ Describe the features, functions, and principles for Hitachi TrueCopy® Remote Replication software bundle (synchronous versus asynchronous replication for example)



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THI0517 - Hitachi Data Systems Storage Foundations — Enterprise

Course Objectives (cont.):

- ❖ Describe the features, functions, and principles for Hitachi ShadowImage® Replication software
- ❖ Describe the features, functions, and principles for Hitachi Universal Replicator software.
- ❖ Describe Services Oriented Storage Solutions
- ❖ Describe how virtualization is enabled or used to solve business problems, given a scenario
- ❖ Describe how to manage externally attached storage using the Hitachi Universal Volume Manager software
- ❖ 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 Hitachi Device Manager software functions
- ❖ Describe how Storage Services Manager software functions
- ❖ Describe how Hitachi Tuning Manager software functions
- ❖ Describe Hitachi Data Systems strategy for enterprise content archival
- ❖ Describe Hi-Track® Monitor “call-home” service/remote monitoring tool and remote diagnostic tool functions
- ❖ Describe Hitachi network attached storage (NAS) features and benefits to the customer

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
- ❖ 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®



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Services

THI0517 - Hitachi Data Systems Storage Foundations — Enterprise

Content Modules(cont.):

- ❖ 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