Education Services

CCI1560 - Hitachi Data Systems Enterprise Storage Fundamentals*

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

30.8. - 1.9.2010

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

Prerequisites:
CCI0110 – Basic Storage Concepts or
CSC0116 – Overview of Basic Storage Concepts

Course Description:

This 2,5 day instructor-led course provides a detailed overview of the Hitachi Data Systems storage fundamentals with an overview on the Hitachi Data Systems Enterprise family of hardware products and the Hitachi **B**asic **O**perating **S**ystem (BOS).
In addition, this course provides details on the Hitachi Universal Storage Platform™ V and Hitachi Universal Storage Platform™ VM system architecture and key software products available on the enterprise systems.
The classroom sessions are supported by lab exercises where learners are given hands-on experience with the hardware and learn how to use key components of the BOS.

Course Objectives:

Upon completion of the course, the learner should be able to:
❖Identify customer problems and requirements that may be addressed by solutions based on Hitachi Data Systems' Enterprise storage systems and software
❖Describe the architecture and explain the principles of operation of the Hitachi Universal Storage Platform™, Hitachi Universal Storage Platform™ V, Hitachi Universal Storage Platform™ VM-, and Hitachi Network Storage Controller storage system
❖Identify the Hitachi Data System Enterprise models and components
❖Explain the Enterprise systems use of FED/BED, cache and shared memory, parity groups, emulation, LDEV and LUN mapping
❖List and describe the Hitachi Data Systems basic operating system software and key software product offerings
❖Define I/O paths from host server to enterprise systems using Storage Navigator including LUN mapping and security
❖Perform Hitachi Cache Residency Manager software operations
❖Implement volume management functions such as virtual LUN and Logical Unit Size Expansion (LUSE)
❖Use Hitachi Performance Monitor feature to analyze subsystem performance

Education
Services

CCI1560 - Hitachi Data Systems Enterprise Storage Fundamentals

Content Modules:

- ❖ Hitachi Data Systems Services Oriented Storage Solutions Focus
- ❖ Principles of Operation
- ❖ Physical Layout
- ❖ Enterprise Software Overview
- ❖ Hitachi Storage Navigator Program
- ❖ LUN Manager
- ❖ LUSE and VLL Volumes
- ❖ Hitachi Cache Residency Manager Software
- ❖ Performance Manager Software – Hitachi Performance Monitor Feature

Learning Activities/Lab:

- ❖ Component Identification
- ❖ Hitachi Storage Navigator Program
- ❖ LUN Management and Defining Host Groups
- ❖ LUSE and Virtual LVI/LUN (VLL)
- ❖ Hitachi Cache Residency Manager Feature
- ❖ Performance Monitor