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IBM XIV Administration Deep Dive Information

Length: 3.0 Days
Ref: SSACG-X
Delivery method: Classroom
Price: EUR

Overview

IBM XIV is a customer proven, high-end disk storage system which can be used in various data center scenarios. This workshop will give you profound insight into operational effectiveness of the XIV system and what you can do to fully utilize it. The technical deep-dive will be assisted by hands-on sessions using a real XIV Gen3 system - starting with user definitions and basic operations to snapshot handling and consistency groups, definition of host and host ports on XIV with LUNs mapping as well as host configuration as XIV host by HAK installation will be discussed both in lecture and intensive lab sessions. Furthermore, you will practice end-to-end mirroring (sync and async) - from the definition right up to fail-over and fail-back by using switch role. Data migration procedures by using a 2nd XIV system will round up the workshop. After completion, you will be able to manage and integrate the XIV into your IT environment.

Public

This intermediate intensive workshop is for customers, IBM Business Partners or IBMers want to implement, deploy and manage the IBM XIV Storage System.

Prerequisites

You should have an understanding of the concepts and terms used to deploy a Storage Area Network (SAN) and the iSCSI protocol and basic knowledge about XIV and familiarity with XIV GUI.

Objective

- The workshop enables you to understand the XIV architecture and learn best practices in administration and management of an XIV storage system; information about Synchronous and Asynchronous Mirroring, Monitoring and Data Migration show how XIV fits ideally into a data center environment in order to make best usage of the huge flexibility and performance.

Topics

- XIV Architecture (Features, Capabilities, Hardware, Software and System Management),
- Managing XIV (Users, Pools, Volumes and snapshots)
- Managing Hosts (Connectivity FC and iSCSI, Host Definition and QoS)

- High Availability and Interoperability (Data Recovery Protection, Synchronous and Asynchronous Mirroring and Data Migration)
- System Monitoring (Monitoring and Performance best practices)

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