IBM FlashSystem V9000 Storage Implementation

Varighed: 4 Days**Kursus Kode: SSFS3G****Leveringsmetode: Virtuel deltagelse**

Beskrivelse:

IBM FlashSystem V9000 is a comprehensive all-flash enterprise storage solution that delivers the full capabilities of IBM FlashCore technology. FlashSystem V9000 offers a rich set of storage virtualization features designed to improve efficiency, management, scalability, and flexibility for any storage environments.
FlashSystem V9000 delivers industry-leading value to enterprises along three dimensions: Scalable performance, enduring economics, and agile integration.
This course focus on the planning and implementation tasks associated with integrating the FlashSystem V9000 into the storage area network, and facilitate storage application data access independence from storage management functions and requirements.
It also explains how to:

Centralize storage provisioning to host servers from common storage pools using internal storage and SAN-attached external heterogeneous storageImprove storage utilization effectiveness using Thin Provisioning and Real-Time CompressionImplement storage tiering and optimization of flash, enterprise, or nearline systems usage with Easy TierFacilitate the coexistence and migration of data from non-virtualization to the virtualized environmentUtilize network-level storage subsystem-independent data replication services to satisfy backup and disaster recovery requirements
This course lecture offering is at the FlashSystem V9000 V8.1 level.

Virtuel deltagelse

Et V&C Select kursus indholder nøjagtig det samme som et almindeligt kursus. Før kursusstart modtager man kursusmaterialet. Dernæst logger man på kurset via internettet og ser via sin pc den selvsamme præsentation som de øvrige deltagere, man kommunikerer via chat med underviseren og de øvrige deltagere på kurset. Denne uddannelsesmodel er både tids-og omkostningsbesparende og kan være et oplagt alternativ til almindelig klasseundervisning, hvis man f.eks. har et begrænset rejsebudget.

Målgruppe:

This lecture and exercise-based course is for individuals who are assessing and/or planning to deploy IBM System Storage networked storage virtualization solutions. Enrollment in this course is not restricted. Typical students may include: CustomersTechnical IBM personnelBusiness Partner technical personnelIT consultants and architects

Agenda:

- After this course participants should be able to:

- Summarize the units associated with this course.

- Recall the history and fundamentals for IBM FlashSystem storage.

- Distinguish the core principles of the IBM FlashCore Technology.

- Classify the characteristics and components of the IBM FlashSystem V9000 system.

- Outline the physical and logical planning required to install and configure a FlashSystem system environment.

- Summarize the symmetric virtualization process for converting physical storage space into virtual resources.

- Recall the process to create host access storage on the IBM FlashSystem V9000.

- Determinate the advanced software features designed to simplify data management, reclaim storage space, and preserve storage investments.

- Differentiate methods in which to migrate data to and from the virtualized FlashSystem V9000 system environment.

- Summarize the methods of remote data replications for disaster recovery

- Recall the administrative functions and maintenance procedures to centralize the management and servicing of IBM FlashSystem V9000 storage resources.

Forudsætninger:

- Introduction to Storage (SS01G) or equivalent knowledge
- Storage Area Networking Fundamentals (SN71) or equivalent experience
- An understanding of the basic concepts of open systems disk storage system and I/O operations

Indhold:

- IBM FlashSystem V9000 introduction
- Emergence of flash storage
- IBM FlashCore technology
- IBM FlashSystem V9000 hardware architecture
- FlashSystem V9000 installation and configuration
- IBM Spectrum Virtualize RAID protection

- FlashSystem V9000 storage provisioning
- IBM Spectrum Virtualize host integration
- IBM Spectrum Virtualize volume allocation
- IBM Spectrum Virtualize data reduction technologies
- Maintaining storage efficiency with IBM Easy Tier
- IBM Spectrum Virtualize data migration

- IBM Spectrum Virtualize FlashCopy and Contingency groups
- IBM Spectrum Virtualize Transparent Cloud Tiering
- IBM Spectrum Virtualize remote data replication
- IBM Spectrum Virtualize administration management

Additional Information:

Official course book shared with participants

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

training@globalknowledge.dk

www.globalknowledge.com/da-dk/

Global Knowledge, Stamholmen 110, 2650 Hvidovre