

IBM FlashSystem V9000 Storage Implementation

Cursusduur: 4 Dagen Cursuscode: SSFS3G Trainingsmethode: Virtual Learning

Beschrijving:

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 storage
Improve storage utilization effectiveness using Thin Provisioning and Real-Time Compression
Implement storage tiering and optimization of flash, enterprise, or nearline systems usage with Easy Tier
Facilitate the coexistence and migration of data from non-virtualization to the virtualized environment
Utilize 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.

Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor) of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

Doelgroep:

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: Customers
Technical IBM personnel
Business Partner technical personnel
IT consultants and architects

Doelstelling:

- 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.
- Determine 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.

Vereiste kennis en vaardigheden:

- 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

Cursusinhoud:

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| ■ IBM FlashSystem V9000 introduction | ■ FlashSystem V9000 storage provisioning | ■ IBM Spectrum Virtualize FlashCopy and Contingency groups |
| ■ Emergence of flash storage | ■ IBM Spectrum Virtualize host integration | ■ IBM Spectrum Virtualize Transparent Cloud Tiering |
| ■ IBM FlashCore technology | ■ IBM Spectrum Virtualize volume allocation | ■ IBM Spectrum Virtualize remote data replication |
| ■ IBM FlashSystem V9000 hardware architecture | ■ IBM Spectrum Virtualize data reduction technologies | ■ IBM Spectrum Virtualize administration management |
| ■ FlashSystem V9000 installation and configuration | ■ Maintaining storage efficiency with IBM Easy Tier | |
| ■ IBM Spectrum Virtualize RAID protection | ■ IBM Spectrum Virtualize data migration | |

Extra informatie:

Official course book shared with participants

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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