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Planning and Implementing a Storage Area Network (SAN)

Cursusduur: 5 Dagen   Cursuscode: SN71G   Trainingsmethode: Class Connect

Beschrijving:

The storage area network (SAN) infrastructure facilitates storage consolidation, data sharing, server clustering, LAN-free and server-less backup across heterogeneous host server platforms. This course focuses on the planning and implementation considerations associated with establishing that SAN infrastructure. Functions provided by SAN fabric components, such as Fibre Channel host bus adapters (HBAs), Fibre Channel switches and directors, and SCSI to Fibre Channel protocol converters are discussed, and the interdependencies of these components are examined. Mechanisms to implement resource access control for data access integrity among heterogeneous hosts in a storage networking environment are also examined.

Class Connect™

Met Class Connect worden klaslokalen virtueel met elkaar verbonden. Class Connect biedt u de mogelijkheid om een training klassikaal op afstand bij te wonen in een Global Knowledge locatie bij u in de buurt. Een hoge kwaliteitsverbinding (HD audio en video) tussen de klaslokalen garandeert de cursisten een maximale interactie met de docent en met elkaar. Samen met uw medecursisten ziet u de docent en de andere cursisten op een groot scherm alsof u er zelf bijzit.

Doelgroep:

This course is for personnel who are assessing and planning to deploy a storage area network.

Doelstelling:

- Examine Fibre Channel services such as login processes, name server, addressing, loop initialization and arbitration, frame routing, and registered state change notification as they relate to configuring the SAN infrastructure

- Plan for the implementation of SAN interconnect components, such as Fibre Channel HBAs, the IBM TotalStorage SAN switches and directors (b-type, m-type), and the Cisco directors and switches by reviewing their default configurations and assessing tailoring options

- Plan for the Implementation of resource access control to ensure data integrity by using zoning interfaces in the IBM TotalStorage SAN switches and directors (b-type, m-type), and the Cisco MDS 9000 directors and switches

- Interpret topology, routing, and trunking data displayed by switch management interfaces for a given fabric

Vereiste kennis en vaardigheden:

Students should:

- Complete the course *Introduction to Storage Networking (SN70G)*
- or equivalent knowledge base
This course assumes that you understand basic SAN knowledge.

Examens en certificering

- Storage Area Network (SAN), Virtualization and Consolidation Techniques

Vervolgcursussen:

- Storage Area Network (SAN), Virtualization and Consolidation Techniques

Cursusinhoud:

- Evolution of storage area network
- Fibre Channel
- Fibre Channel switches and directors - Brocade (b-type)
- Brocade DCFM
- Fibre Channel switches and directors - Cisco MDS
- Lab Exercises

Nadere informatie:

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

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