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## SAN Volume Controller (SVC) V6 Planning and Implementation Workshop

**Duration: 4 Days**    **Course Code: SNV1G**    **Delivery Method: Virtual Learning**

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### Overview:

This course is designed to teach you how to leverage networked storage connectivity by integrating a layer of intelligence - the SAN Volume Controller (SVC) - to facilitate storage application data access independence from storage management functions and requirements. This course offering is at the SVC V6 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.

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### Target Audience:

This intermediate course is for individuals who are assessing or planning to deploy storage network virtualization solutions.

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### Objectives:

- Focus on planning and implementation tasks associated with integrating the SVC into the storage area network
  - Centralize storage provisioning to host servers from common storage pools.
  - Facilitate the coexistence and migration of data from non-virtualized to the virtualized environment
  - Utilize network-level storage subsystem-independent data replication services to satisfy backup and disaster recovery requirements
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### Prerequisites:

- Introduction to Storage Networking SN700G or have equivalent knowledge
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## Content:

### Day 1

- Welcome
- Unit 1: Introducing the SAN Volume Controller
- Unit 2: SVC cluster create and storage provisioning
- Exercise 1: SVC cluster creation
- Exercise 2: SVC cluster and GUI/CLI access setup
- Exercise 3: Examine back-end storage system
- Exercise 4: Create storage pools
- Exercise 5: Create host objects and volumes

### Day 2

- Unit 2: SVC cluster create and storage provisioning (cont'd)
- Unit 3: Fabric zoning and iSCSI connectivity
- Unit 4: Thin provisioning, volume mirroring, SSDs and Easy Tier
- Exercise 6: Access storage from Windows and AIX
- Exercise 7: Thin provisioning and volume mirroring
- Exercise 8: Storage access and SDD path selection
- Exercise 9: Access storage from iSCSI host

### Day 3

- Unit 5: SVC data migration facilities
- Unit 6: Copy Services: FlashCopy and Remote Copy
- Exercise 10: Pool migration and volume dependencies
- Exercise 11: Migration: Import existing data

### Day 4

- Unit 7: Managing the SVC environment
- Exercise 12: SVC FlashCopy and consistency groups
- Exercise 13: Increase the size of a volume
- Exercise 14: Change the I/O group of a volume and create SVC scripts
- Exercise 15: User roles and SSH keys

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## Further Information:

For More information, or to book your course, please call us on 030 - 60 89 444

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