SAN VOLUME CONTROLLER (SVC) PLANNING AND IMPLEMENTATION WORKSHOP

Course Code: 100311

Learn how to plan and implement tasks associated with integrating the SVC into your storage area network.

Learn how to leverage SAN storage connectivity by integrating a layer of intelligence or virtualization, the SAN Volume Controller (SVC) to facilitate storage application data access independence from storage management functions and requirements. This course will focus on planning and implementation tasks associated with integrating the SVC into the storage area network. It also explains how to:

- Centralize storage provisioning to host servers from common storage pools.
- Facilitate the coexistence and migration of data from non-virtualized to the virtualized environment.
- Improve storage utilization effectiveness using Thin Provisioning and Real-time Compression.
- Implement storage tiering and optimize solid state drives (SSDs) or flash systems usage with Easy Tier.
- Utilize network-level storage subsystem-independent data replication services to satisfy backup and disaster recovery requirements.

What You'll Learn

After completion of this course, you will be able to:

- Outline the benefit of implementing a SAN Volume Controller (SVC) storage virtualization solution
- Differentiate between the SVC 2145-DH8 model and the previous generation SVC 2145 models
- Outline steps required to integrate the SVC system solution
- Implement zoning policies for device access between the SVC, native disk storage, and host servers
- Implement the SVC GUI and CLI management operations to configure, monitor, and manage the SVC systems
- Identify issues related to coexistence between the SVC and native disk storage

access across host servers
- Migrate existing data to the virtualized SVC system environment
- Implement storage efficiency solutions to maintain data growth, enhance storage performance and reliability
- Apply advanced system management strategies to provide high availability
- Employ administrative operations to maintain system ability

Who Needs to Attend

Architects, Engineers, and Administrators

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CLASSROOM LIVE	$4,940 CAD	4 Day

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VIRTUAL CLASSROOM LIVE	$4,940 CAD	4 Day

Virtual Classroom Live Outline

Unit 1: Introduction to IBM SAN Volume Controller

Unit 2: SVC hardware architecture

Unit 3: SVC planning and zoning requirements

Unit 4: SVC cluster initialization and user authentication

- o Exercise: Lab environment overview

- o Exercise: SVC system initialization

- o Exercise: SVC system configuration

- o Exercise: Examine back-end storage system

Unit 5: SVC storage provisioning

Unit 6: SVC host access

- o Exercise: Storage provisioning

- o Exercise: Access SVC storage from Windows and AIX

Unit 7: Spectrum Virtualize advanced features

- o Exercise: Thin Provisioning and Volume Mirroring

- o Exercise: Storage access and SDD path selection

Unit 8: Spectrum Virtualize data migration

- o Exercise: SVC data migration

  o Exercise: Migrate existing data: Migration Wizard

  o Exercise: Migrate existing data with Import Wizard GUI

  o Exercise: Migrate existing data with Import Wizard CLI

Unit 9: Spectrum Virtualize Copy Services

  o Exercise: SVC scripting and I/O group modification

  o Exercise: Real-time Compression and the IBM Comprestimator

Unit 10: SVC administration management

  o Exercise: SVC FlashCopy and consistency groups

  o Exercise: Assign user roles and access

Mar 9 - 12, 2026 | 9:30 AM - 5:30 PM EDT

Jun 22 - 25, 2026 | 9:30 AM - 5:30 PM EDT

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PRIVATE GROUP TRAINING	4 Day

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