Brocade Certified SAN Management & Monitoring Training
(CSM 270)

BROCADE EDUCATION SOLUTIONS

Brocade Certified SAN Manager

DESCRIPTION:

This training course provides students with the knowledge and skills needed to manage a Brocade Storage Area Network (SAN). We will discuss how to use Brocade products to address different areas of concern for SAN Managers. CSM 270 offers a significant amount of hands-on experience and discussion that are needed to become proficient with Brocade's management tools. Lectures introduce the main concepts with a minimum of theory and a maximum of practical applications. Topics include SAN change management and maintenance, SAN monitoring, SAN troubleshooting, performance tuning, and optimization. Hands-on lab exercises apply the processes defined in lecture, using scenarios developed from real-world end-user solutions.

This blended course is available in a traditional classroom, or on-line with a live instructor (virtual classroom).

This course also teaches and reinforces the skills necessary to prepare for the 143-360 BCSM exam.

OBJECTIVES:

Upon successful completion of this course, students should be able to:

- Describe the relationship between the different lifecycle stages of a Brocade SAN.
- Identify SAN management areas of concern.
- Analyze and react to SAN issues, using Brocade's Management tools including but not limited to, DCFM, Web Tools, CLI, SAN Health, NMS and Fabric Watch.
- Demonstrate knowledge of managing and maintaining the core configuration files of your fabric.
- Monitor and analyze the health of the SAN.
- Implement and recognize change management processes.
- Manage SAN users and security.
- Monitor and troubleshoot fabric faults.
- Configure external interfaces such as Simple Network Management Protocol (SNMP) and Storage Management Initiative Specification (SMI-S) to communicate with 3rd-party applications.
- Manage the installation and configuration of Brocade HBAs.
- Use knowledge gained in class to help pass the Brocade Certified SAN Manager (BCSM) Exam.

PREREQUISITES:

- Brocade Administration and Theory courses (CFA 270/CFP 380) or equivalent Fabric OS v6.2 or later Brocade switch management skills
- Introduction to Brocade Virtual Fabrics (AFS 141) web-based training course or equivalent knowledge of Brocade Virtual Fabrics

AUDIENCE:

This course is designed for SAN managers, network administrators, those interested in the BSCM certification and others who actively manage and monitor a SAN.

DELIVERY OPTIONS:

The CSM 270 course is available in two versions:

- **CSM 270-ILT**: Three days of instructor-led classroom training with hands-on lab exercises.
- **CSM 270-VCT**: Three days of virtual classroom training with hands-on lab exercises.

Brocade Education Solutions provides you with several options to attend training:

- Course delivery:
  - **Instructor-led** courses, taught by an instructor in a classroom
  - **Virtual classroom** courses, taught by an instructor in an on-line environment
- Lab exercises:
  - **Hands-on labs** use remotely-accessed lab equipment that is available only during the course

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