Brocade Certified Fabric Administrator (BCFA) 16 Gbps Training

(CFA 200)

BROCADE UNIVERSITY

Brocade
Certified Fabric Administrator

DESCRIPTION:

This training course provides students with the knowledge and skills needed to help them become proficient with Brocade products and Fabric OS v7.0.0 features. Topics include introduction to Fibre Channel, switch installation and configuration, zoning, Inter-Switch Links (ISLs), routing, ISL Trunking, updating switch firmware, backing up switch configurations, and basic troubleshooting. Switch management tasks are performed using Telnet, Brocade Web Tools and Brocade Network Advisor v11.1.0.

Traditional classroom, on-line with a live instructor (virtual classroom), or self-paced web-based training methods are available. Different options also include hands-on or simulated, computer-based lab exercises.

This course (including web-based training components) and pre-requisite knowledge teach and reinforce a majority of the skills necessary to prepare for the BCFA 16 Gbps exam (143-420).

To further advance your skills, you may want to consider CFP 300 (Brocade Certified Fabric Professional (BCFP) 16 Gbps) as a subsequent three day course designed to cover Fabric OS advanced features; it will include BCFP 16 Gbps certification exam (143-080) topics.

OBJECTIVES:

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

- Identify the SAN Brocade product line and physical Layer SAN components, including Brocade 8 and 16 Gbps hardware.
- Describe and implement features related to Fabric OS v7.0.0.
- Install, configure, and verify Brocade switch functionality.
- Perform maintenance tasks that include downloading firmware, validating firmware downloads, and backing up switch configurations.
- Discuss Fibre Channel concepts.
- Configure, verify, administer, and describe Brocade zoning.
- Describe Layer 2 fabric routing and trunking functionality.
- Discuss distance solutions.
- Perform basic troubleshooting processes and use Brocade error messages, commands, and diagnostics.
- Identify management tools used to manage Brocade fabrics, including Brocade Network Advisor v11.1.0 and Host Connectivity Manager v3.0.0.

PREREQUISITES:

Working knowledge of:

- FC 101: Introduction to Fibre Channel Concepts
- Storage and storage area networks (six months experience)

AUDIENCE:

This course is designed for storage administrators, SAN administrators, system administrators, SAN architects, systems engineers, and SAN operators that are involved with configuration, change management, maintenance, monitoring, configuration, and basic SAN troubleshooting.

DELIVERY OPTIONS:

Brocade University provides you with several options to attend CFA 200 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
  - **Web-based** courses that are self-paced and studied on-line
- Lab exercises:
  - **Hands-on labs** using remotely-accessed lab equipment that is available only during the course
  - **Simulated labs** using pre-recorded software simulations that are available during and after the course

The CFA 200 course is available in five versions:

- **CFA 200-BIS**: Three days of instructor-led classroom training with simulated lab exercises, plus 1 hour of web-based training.
- **CFA 200-BLS** : Three days of instructor-led classroom training with hands-on lab exercises, plus 1 hour of web-based training.
- **CFA 200-BSS** : Three days of virtual classroom training with simulated lab exercises, plus 1 hour of web-based training.
- **CFA 200-BVS** : Three days of virtual classroom training with hands-on lab exercises, plus 1 hour of web-based training.
- **CFA 200-WBT**: 14 hours of web-based training and simulated lab exercises.

Brocade Education Solutions
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