

CFD 200

Certified Fabric Designer



This course provides students with the knowledge and skills needed to successfully design and implement Data Center Fabrics utilizing Brocade products, including the 8 Gbit/sec Data Center Backbone (DCX), and 4 or 8 Gbit/sec Directors and switches. Topics include design elements, SAN infrastructure, SAN software, data center design, distance and extension, integration and migration. This course prepares students for the 143-260 BCFD exam.

Target Group

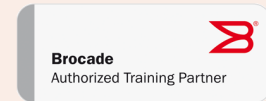
This course is for SAN engineers, professional services personnel, pre-sales systems engineers, or anyone else needing detailed foundational information to design and implement Data Center Fabrics and integrate the DCX Backbones and 8 Gbit/sec products into existing SANs.

Knowledge Prerequisites

- AFS 148, Introduction to the Brocade 48000 Director WBT
- DCX 100, Introduction to the DCX Data Center Backbone WBT
- Introduction to M-Series Directors WBT, or equivalent M-Series Director knowledge
- Introduction to M-Series Switches WBT, or equivalent M-Series switch knowledge

Course Objectives

- Define what a Data Center Fabric (DCF) is, and how it differs from a SAN.
- Plan the integration of DCX Backbones and Brocade 48000 Directors into McDATA fabrics.
- Explain how to best implement the DCF features, including adaptive networking, QoS and Traffic Isolation Zones.
- Explain the advantages of, and how best to integrate 8 Gbit/sec technology in a DCF.
- Describe how to best utilize FCIP FastWrite, and Tape Pipelining in a Data Center Fabric.
- Explain heterogeneous SAN design to include Fabric OS and M-Series products as well as mixed open systems and FICON devices in one Data Center Fabric.
- Identify what information needs to be collected about current and target environments in order to design a Data Center Fabric.
- Identify Brocade products and features to solve fabric design requirements.
- Create a SAN design to meet customer performance, availability, and scalability requirements.
- Determine how to validate the implementation of a SAN design.
- Analyze bandwidth/availability requirements to determine ISL/IFL oversubscription ratios for a SAN design.
- Optimize the performance of an existing SAN using 8 Gbit/sec technology.
- Select methodologies to optimize and tune a deployed SAN architecture.
- Define SAN design terms and describe SAN security features in Brocade's Data Center Fabrics.
- Determine the appropriate routing solution for a given multi-fabric environment with a requirement for a set of devices to communicate.
- Describe the various documentation components and deliverables for a SAN design project.



Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.expertech-training.com under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +49 6074 4868-0.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



CFD 200

2 days €1,990 exclusive of V.A.T.

Course date (mm/dd/yy)/Location

03/08-03/09/12	Frankfurt	03/14-03/15/13	Frankfurt
10/18-10/19/12	Frankfurt	03/21-03/22/13	Frankfurt
12/20-12/21/12	Frankfurt		

Up-to-date information: www.expertech-training.com BCFD



EXPERTech



Brocade

ICT Training
International



ExperTeach Gesellschaft für Netzwerkkompetenz mbH

Waldstr. 94 • D-63128 Dietzenbach

Phone +49 6074 4868-0 • Fax +49 6074 4868-109

info@experteach.de • www.experteach.de

© ExperTeach GmbH, all specifications made are exempted from liability.

Status 12/21/2011