HPE SAN Essentials II: Advanced B-series networking

Hersteller-ID: HM9Q2S

Trainings-ID: HM9Q2S

Zum Seminar →

Das nehmen Sie mit

This course is designed for advanced B-Series SAN administrators and is a follow-up to the SAN Essentials I: Administration Fundamentals class. It does not cover basics since those are discussed in the Fundamentals training. This course introduces new topics such as advanced Fibre Channel (FC) features, additional B-Series management options, SAN extension technologies, advanced SAN security, and hardware installation. All practical parts are based on B-Series devices. This course helps students gain the experience needed to tackle the challenges of working in medium-sized and enterprise-class B-Series SAN environments.

After you successfully complete this course, expect to be able to:

- Explain advanced FC terminology
- Describe the role of the principal switch
- Talk about FCP routing
- Explain ISLs and trunking
- Explain advanced FC concepts ,SAN services, and associated well-known addresses
- Describe FC stack, Classes of Service, and frame structure
- Discuss additional zoning types (Peer, TDPZ, TI, QoS) as well as ingress rate limiting
- List and talk about SAN extension options, B-Series Extended Fabrics, and Buffer-toBuffer Credits
- Describe FCIP technology including tunnels, circuits FCIP QoS, performance and security
- Discuss FC-FC routing including definitions and elements
- Talk about Virtual Fabrics including IDs, types of logical switches and links between them

- Present SAN security in both theory and practice (policy distribution, SCC, DCC, FCS policies as well as IP Filter and AUTH policies)
- Talk about performance monitoring on HPE StoreFabric B-series products (Fabric Vision, with focus on Flow Vision and MAPS)
- Talk about additional SAN management options and switch firmware
- Present basic troubleshooting and diagnostics methods by using SAN Network Advisor, Web Tools, and CLI
- Perform Firmware upgrade

Zielgruppen

Intermediate to advanced technical professionals seeking a learning path that includes more advanced knowledge of SAN technologies and experience in HPE B-series SAN environments.

Termine & Optionen