

HPE SAN Essentials I: Administration Fundamentals

Hersteller-ID: HM9Q1S

Trainings-ID: HM9Q1S

Zum Seminar →

Das nehmen Sie mit

This course is designed for new or entry-level B-Series SAN administrators. It provides a comprehensive understanding of everyday administration within an HPE SAN solution, covering a broad range of technologies and concepts such as FC, iSCSI, and FCoE. It discusses basics and building blocks of FC and IP-SAN with examples based on B-Series products, as well as the role of SAN-enabled hosts and disk targets. B-Series SAN features and management options are also presented. Other topics include data protection, basic SAN security, and performance aspects of SAN components. Please note that advanced technologies are only introduced in this course, while they are fully covered in the SAN Essentials II: Advanced B-series Networking class. This training helps students gain the experience needed to tackle the challenges of working in medium-sized and enterprise-class B-Series SAN environments. This course covers general SAN technologies and StoreFabric B-series specific topics.

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

- Describe SAN and SAN benefits
- List SAN components
- Present the overall HPE SAN portfolio
- Identify the differences between DAS, NAS, and SAN
- Compare different data access methods
- Talk about FC topologies
- Discuss WWN identifiers and FC addressing

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- Talk about basic switch features and configuration parameters
- Perform initial switch installation, configuration and verification
- Present the role of storage in a SAN network and storage-related technologies including disks and interfaces types, encryption, deduplication and VVOLs overview
- Explain basic FC concepts and SAN services, such as zoning and name server
- Talk about basic B-Series SAN management options and technologies
- Describe iSCSI protocol and Nimble storage array as an iSCSI-based product example
- Talk about FCoE technologies including building blocks and how it compares to FCIP and iSCSI
- Present the theory of SAN security and basic B-Series based implementation as well as authentication options
- Talk about data protection (backup, replication) including theory, topologies, technologies and related HPE products: StoreOnce, tape, CloudBank Storage and RMC
- Cover SAN and storage planning performance aspects and monitoring options
- Design and document SAN

Zielgruppen

New or entry-level technical professionals seeking a learning path that includes both conceptual knowledge of SAN technologies and experience in HPE B-series SAN environments



Termine & Optionen

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