

Enterprise Storage Networking Design Training

Course Outline

Module 1: Requirement Analysis and Design Strategy

- Requirement Gathering and Analysis
- Developing a Storage Networking Design Strategy
- Business Value Analysis
- Implementation and Validation

Module 2: Designing FC SAN

- Fabric Design Models and Considerations
- Fabric Security Design Considerations

Module 3: Designing IP SANs

- iSCSI Design Considerations
- FCIP Design Considerations

Module 4: Designing FCoE Network

- FCoE Technology Overview
- FCoE Design Consideration

Module 5: Designing Storage System

- Designing Block-based Storage
- Considerations for Automated Storage Tiering and Virtual Provisioning
- Design Considerations for Traditional NAS and Scale-out NAS
- File Virtualization
- Designing Object-based and Unified storage
- Storage Design for Virtualized Server Environment
- Cloud Storage Considerations

Module 6: Designing Host (Compute System)

- Application, File system, and Database Design Considerations

- Virtual Compute Design

Module 7: Designing Replication Solution

- Host-based Replication Considerations
- Array-based Local and Remote Replication Considerations
- Network-based Replication Considerations
- Replication in Virtualized Environment