

# 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