# SAN COURSE CONTENT

Part 1: Fundamentals of Storage Network Foundations

- Direct Attached Storage (DAS)
- Networking Attached Storage (NAS)
- Storage Area Network (SAN)
- SCSI & iSCSI
- FCP, FCIP, IFCP and FCoE
- RAID concepts and Different Raid types
- What is RPO & RTO

Part 2: Fiber Channel

- Understanding Fiber channel protocol
- Fiber channel Layers
- Fiber channel components
- Fiber Channel topologies & Addressing
- Identify SAN components

Part 3: Brocade FC Switches Administration

- Understand the Brocade Switch models
- List basic functions and components
- Identify Switch capabilities
- Installation & Setup
- Brocade zoning
- Presenting LUN's
- Identify WWN, Port IDs, and Domain IDs
- Understand the switch settings
- Use Management Tools
- Perform GUI configuration

Part 4 : Brocade Switch Administration

- Perform Command Line configuration
- Managing Fabrics
- Brocade switch Routing & Brocade trunking
- Understand SAN topologies

Part 5: Introduction to EMC CLARiioN Series

- Understanding various Models of EMC Storage arrays

- Understanding EMC CLARiioN Features
- CLARiioN CX Architecture
- Basic CLARiioN Management

Part 6: EMC CLARiioN management

- Utilities to manage CLARiioN storage system
- Structure of Navisphere Manager
- Create and manage storage objects with Navisphere manager
- Managing the storage system
- Managing RAID Groups
- Managing LUNS
- Create and manage storage objects with Navisphere CLI
- Managing the storage system
- Managing RAID Groups
- Managing LUNS

Part 7: EMC CLARiioN Management

- Lun masking using Access Logix
- Metalun and migration of LUN on the clariion
- Powerpath management
- Cache management
- Event Monitor
- Navisphere Analyzer

Part 8: EMC Clarion Management

- Overview of EMC Powerpath, Configure & Manage Powerpath
- Overview of Snapview, Configure and Manage snapview
- Overview of SANCopy, Configure SANCopy
- Overview of Mirror View, Configure Mirror View