EMC SAN Training course contents:

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?

Fiber Channel

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

Brocade/ Cisco FC Switches Administration

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

Intoduction to EMC Clariion Series

- Understanding various Models of EMC Storage arrays
- Understanding EMC CLARiioN Features
- CLARiioN CX Architecture
- Basic CLARiioN Management

EMC Clariion Management

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

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- Create and manage storage objects with Navisphere CLI
  - Managing the storage system
  - Managing RAID Groups
  - Managing LUNS

EMC CLARiioN

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

EMC CLARiioN Management Replication Technoloies

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

Power Path Management

- Overview of EMC Powerpath, Configure & Manage Powerpath
- Powerpath commands

EMC Symmetrix Series Introduction

- Symmetrix Management Console
- Symmetrix configuration and replication tasks with SMC
- Differences between SMC and the Solutions Enabler command line interface{SYMCLI}
- Principles behind gatekeeper management
- Solutions Enabler daemons and functions of commonly used ones

Symmetrix Confugration Management

- Hardware components in the host to Symmetrix I/O Path
- Types and uses of Devices and Meta Volumes
- Purposes of mapping, unmapping, and setting port characteristics
- Purpose of masking devices
- Benefits and usage of Auto provisioning groups
- Use of HBA flags set with symaccess and how they work with port Provisioning groups

Symmetrix Business Continuity Management

- TimeFinder/Clone theory of operations and its application
- TimeFinder/Snap theory of operations and its application
- TimeFinder host considerations and configurations
- TimeFinder Consistency technology theory of operations and its application
- SRDF/S theory of operations and its application
- SRDF/A theory of operations and its application

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- SRDF consistency technology theory of operations and its application

VNX Foundations

- Overview of VNX Family and Software Suites and Packs
- VNX and VNXe Architecture and Theory of Operations
- VNX Storage System Features
- Storage Object Management with Unisphere

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