INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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EMC Course

Storage Fundamentals

- Introduction to Information Storage
- Data Center Environment
- Intelligent Storage Systems Components Of Storage System
- Raid Concepts
- Storage Protocols And Topologies
- Direct Attached Storage (DAS)
- Network Attached Storage (NAS)
- Storage Area Network (SAN)
- Difference Between SAN & NAS, FC SAN & Ip SAN Technologies
- Introduction To Fiber Channel And How It Works In SAN
- FC Layers & Fabric Port Types and Fiber Connectors
- Cables & FC Well-Known Addresses, FC Topologies & Terminology
- The architecture of a Storage Subsystem and Storage Management Softwares
- Multipathing Softwares, Storage Virtualization and Storage Tiering
- Introduction To Business Continuity Management
- Backup And Archive

- Local Replication And Remote Replication
- Cloud Computing
- Securing And Managing Storage Infrastructure

Brocade & Cisco Switch Management

- Introduction To Brocade And Cisco Switches And Various Models
- Installation Of New Switches
- Overview Of Fabric Topologies
- Overview Of Fabric Components, Switch Firmware Upgrade
- User Account Management, Fabric-Wide Settings & Local Switch Settings
- Zoning & Types Of Zoning (Port Zoning And WWN Zoning) Along With Practical Explanation
- Using CLI And Web Tools Gui
- Using Dcfm
- Generating Reports
- Monitoring Switch Logs
- Inter-Switch Linking (Isl) And Trunking
- Inter Chasis Linking (Icl)
- Merging Fabrics Along With Practical Explanation
- Multipathing Software Overview – Powerpath Explanation With Commands
- Access Gateway Mode, N-Port Id Virtualization – Npiv

EMC Clariion

- Introduction To EMC Clariion Cx Series Architecture
- Clariion Features, Clariion Management Utilities (Navisphere Manager, Navicli)
- Clariion Storage Provisioning
- Traditional (Raid Groups) And Thin (Thin Pools) Provisioning

- Solaris And Windows Integration

- Access Logix

- Powerpath

- Snapview Snapshots

- Snapview Clones

- Mirrorview Configuration & Management

- Sancopy Configuration & Management

- Advanced Lun Management

- Lun Migration

- Data Migration

- Event Monitor

- Navisphere Analyzer

  EMC VNX

- Introduction To Unified Storage & VNX

- Vnx Management Utilities (Unisphere & CLI Environment)

- Basic Architecture Of Vnx And Vnxe Series

- Vnx Models And Features

- Vnx Basic Components

- Vnx Modular Architecture

- Dae And Drive Options For Vnx Series

- Vnx Features and Vnx Software And Their Components

- Vnx Storage Provisioning and Thin Provisioning In Vnx

- EMC Symmetrix (Dmx And Vmax) and Introduction To Symmetrix Dmx And Vmax Series

- Dmx And Vmax Storage Architecture

- Differences Between Dmx And Vmax Storage Systems

- Dmx Director Pairing And Rule 17, Fa, Da & Cache Concepts

- Symmetrix Mirror Positions and Symmetrix Device Attributes

- Dynamic LUN Addressing, Symmetrix Management Software
- Symmetrix Solutions Enabler (Symcli) and Symmetrix Management Console (SMC)
- EMC Control Center (ECC), Configuration Manager and Symmetrix Storage Provisioning
- Symmetrix Device Creation/Deletion, Forming & Dissolving Meta Devices
- Mapping & Unmapping, Masking, Unmasking and Symmetrix Thin Provisioning
- Monitoring Thin Pools and Vmax Auto Provisioning Groups
- Vmax Fully Automated Storage Tiering (Fast & Fast Vp)
- Virtual Lun Migration, Timefinder Configuration And Management and Mirror/Bcv, Clone
- Snap, Srdf Overview And Concepts
- Srdf Configuration And Mangement and Srdf Synchronous Operations
- R1/R2 Device Pairs Creations Using Configuration Manager
- Dynamic Srdf Pairing

Introduction To Other Storage Products

- Introduction To Netapp Fas 30xx
- 60xx Filers
- Netapp Data Ontap Administration Basics
- Difference Between Operation Of EMC Storage And Other Storage