CLARiiON Host Integration & Management with Snapview
CLRNSP

Delivery Type: Classroom

Duration: 4 days

Overview:

This Specialist level course covers both the CLARiiON Host Integration & Management and SnapView Configuration and Management courses delivered in a 4 day session.

The CLARiiON Host Integration & Management course provides a thorough exposure to the CLARiiON CX4 series platform with Flare release 28.5 and Navisphere version 6.28. Focus areas include CLARiiON integration with Windows and Linux for both Fibre Channel and iSCSI. Other topics include Access Logix, Storage Provisioning and Management,

Advanced Storage Pool and LUN concepts, Alerts and Event Monitoring, Navisphere Analyzer, and Navisphere Quality of Service Manager. The course is comprised of in-depth discussions and extensive hands on lab exercises.

The SnapView Configuration Management course focus areas include the use of local replicas in business environments, basic SnapView operating principles, and the differences between Snapshots and Clones. Other topics include Clone and Snapshot operations, the Clone Private LUNs, Reserved LUN Pool, and consistency operations. The course is comprised of in-depth discussions and extensive hands on lab exercises.

Pre-Requisites

Courses
- ✓ CLARiiON Foundations – Self Study (MR-5WP-CLRNFD)
- ✓ PowerPath Foundations – Self Study (MR-5WP-PWRPFD)
- ✓ SnapView Foundations – IMPACT (MR-5WP-SNPVFD)
- ✓ Introduction to iSCSI – IMPACT (MR-5WP-ISCSI)
- ✓ Connectrix Foundations – Self Study (MR-5WP-CONFD)

Knowledge/Skills
To understand the content and successfully complete this course, a student should
have knowledge and skills associated with the following:
- ✓ CLARiiON models, components, management options and features
- ✓ Data integrity and availability features found in a CLARiiON storage platform
- ✓ CLARiiON performance, storage configuration and provisioning concepts
- ✓ PowerPath performance, transparent recovery and availability features in an open
- ✓ systems host environment
- ✓ SAN terminology, features, architecture, theory of operations, and management
- ✓ including Fibre Channel and IP Storage networks concepts and EMC Connectrix

A list of specific prerequisite courses can be found in EMC Education Services Learning Management System.

Objectives

Upon successful completion of this course, participants should be able to:

- ✓ Revise and reinforce concepts related to CLARiiON hardware features
- ✓ Revise and reinforce concepts related to CLARiiON software features
- ✓ Integrate open systems hosts into CLARiiON environments
- ✓ Use EMC Navisphere Manager and other components of the EMC Navisphere suite in a practical environment
- ✓ Explain how SnapView makes copies of LUNs
- ✓ Explain the operation of the SnapView Reserved LUN Pool
- ✓ Calculate the required size of the SnapView Reserved LUN Pool
- ✓ Configure the SnapView Reserved LUN Pool
- ✓ Configure Snapshots
- ✓ Start SnapView Sessions, and activate Snapshots
- ✓ Stop SnapView Sessions, and remove Snapshots
- ✓ Explain how SnapView makes Clones of LUNs
- ✓ Explain the operation of the Clone Private LUN
- ✓ Discuss where Clones and Snapshots might be used in an environment
- ✓ Compare and contrast Clones and Snapshots
- ✓ Use SnapView consistent operations

Target Audience

This course is intended for any person who presently or plans to:

- ✓ Manage CLARiiON storage
- ✓ Architect and position customer solutions with CLARiiON storage
- ✓ Manage CLARiiON local data replication with SnapView
- ✓ Architect and position customer solutions with SnapView

Certification

Assessments validate that you have learned the knowledge or skills presented during a learning experience. This course includes successful completion of hands on lab exercises.