Fast Lane

Optimizing Storage Services for Applications with XtremIO (MR-1CP-XIO4APPS)

ID MR-1CP-XIO4APPS   **Price** on request   **Duration** 3 days

Who should attend

This course is intended for professionals responsible for implementing, managing and supporting XtremIO storage systems.

Prerequisites

Enter prerequisite skills and knowledge

- XtremIO foundational knowledge
- Connectivity protocols: IP, FC, iSCSI
- Basic understanding of Windows, UNIX and other operating systems
- Virtualized data center concepts
- FC and iSCSI SANs
- Storage network troubleshooting and performance concepts
- Specific application architecture and functionalities – Oracle and VDI
- Data protection and Business Continuity fundamentals

Course Objectives

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

- Describe proper configuration and integration of XtremIO systems for end to end communication and all points in between
- Obtain maximum availability from a solution by properly configuring replication and proactive monitoring through alerts and basic troubleshooting
- Analyze workloads and optimize for maximum performance thresholds
- Create custom reports to determine patterns and confirm with SLA guidelines
- Describe data protection capabilities of XtremIO using RecoverPoint, VPLEX, and AppSync
- Describe integration best practices for VDI and Oracle environments

Course Content

The content of this course is designed to support the course objectives.

XtremIO Overview and Access Requirements

- Components, models and resources
- XtremIO Management Server

XtremIO Cluster Management Interface

- Accessing XtremIO storage management applications (GUI, CLI)
- Management through REST APIs and Plugins

XtremIO Storage Presentation

- Storage presentation and volume management
- Host configuration – Windows, Linux, ESXi, Solaris, AIX, and HPUX
- Connectivity Zoning best practices

XtremIO Snapshots

- Snapshot features, capabilities, and operations

XtremIO Features and Integration

- Encryption, Compression and Deduplication
- XDP (XtremIO Data Protection)
- Integration with ViPR, ViPR SRM, EMC Connectrix Manager Converged Network Edition (CMCNE)
- Integration with Cisco Data Center Network Manager (DCNM)
- Integration with VMware – VAAI, VSI, Operations Manager
- Microsoft – ODX, ESI, and VSS Plug-in

XtremIO Performance and Reporting

- Performance overview
- XtremIO reports and host tools
- Common performance issues

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XtremIO Data Protection

- RecoverPoint native integration with XtremIO arrays
- RecoverPoint operations and management
- Implementing XtremIO into a VPLEX Cluster

XtremIO Application Integration

- Integration with Oracle environments
- Integration with VDI environments

XtremIO Advanced Management Operations

- Managing alerts and power procedures
- Generating log files, and IP modifications
- Space reclamation and shrinking deduplication rates

In addition to lecture and demonstrations, this course includes labs designed to allow practical experience for the participant.

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Training Centres worldwide

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