Fast Lane

ScaleIO and Ready Node Implementation and Management (SCLIOIM2)

ID SCLIOIM2   **Price** US $ 5,000.—(excl. VAT)   **Duration** 5 days

Who should attend

This course is intended for those who will be involved in installing, configuring, managing, administering, provisioning and monitoring a ScaleIO solution.

Prerequisites

To understand the content and successfully complete this course, a student must have a suitable knowledgebase/skill set. The student must have an understanding of:

- Storage networking infrastructures and concepts
- Monitoring and reporting concepts
- Virtualized data center concepts
- ScaleIO product concepts

Course Objectives

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

- Design, install and configure a ScaleIO cluster
- Manage system user accounts and secure the ScaleIO system
- Create, map, and protect ScaleIO volumes and manage system capacity
- Monitor and troubleshoot the health and performance of the ScaleIO system

Course Content

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

Introduction to ScaleIO

- Introduction to Problem of Practice
- Introduction to ScaleIO

- ScaleIO Architecture
- Use Cases

Solution Design

- Topology and Component Design
- Network Requirements
- Calculating Cache and Volume Requirements
- Finalize the Design

ScaleIO Installation

- ESXi installation process
- Upgrade Procedures
- Expand the Cluster
- Integration with OpenStack

A Day in the Life of the ScaleIO Admin

- Data Center with ScaleIO
- The Working Case Overview

System Management

- Management Interfaces
- ScaleIO CLI
- ScaleIO GUI
- VMware Plugin
- OpenStack
- ScaleIO REST API

Configuring the System

- Security and User Management
- Adding System Capacity

Administering Volumes

- Manage Volumes
- Host Operations
- Volume Protection

Managing System Objects

- Managing the Cluster Components

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- Managing the System Components
- Managing the Volume Components

Monitoring ScaleIO

- Why Monitoring is Important
- Monitoring System Health
- Event Logging and Alerts
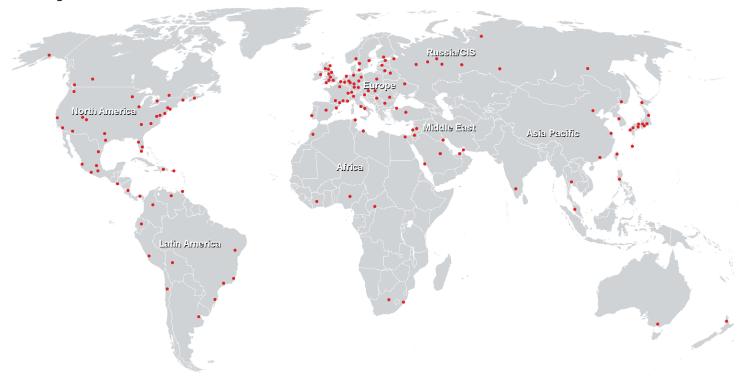- ScaleIO System Performance

ScaleIO Troubleshooting

- ScaleIO Troubleshooting
- Using Logs for Triage
- Troubleshooting Common Issues

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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