

Isilon Advanced Administration

Duration: 3 Days Course Code: ISIAA3D

Overview:

The course is designed for an experienced Isilon cluster administrator who requires advanced details around cluster operations. This course provides the expertise necessary for an Administrator to: consider and plan for future growth, understand and implement best practices, identify performance metrics and workload differences, and strengthen their ability to diagnose and support critical cluster situations.

Target Audience:

This course is intended for all audiences.

Objectives:

- Upon successful completion of this course, participants should be able to:
 - Perform cluster administration tasks using Isilon tools and features
 - Manage the Isilon system, users, and network Monitor the system for health and performance
 - Optimize and troubleshoot identified issues in the cluster
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Prerequisites:

To understand the content and successfully complete this course, a student must have a suitable working knowledge of the following:

- Isilon scale-out storage platform
 - Isilon hardware troubleshooting and maintenance procedures
 - Basic networking components including Ethernet, switches, and network aggregation
 - Network protocols including TCP/IP, DNS, SMB, and NFS
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Content:

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

Course Introduction

? Introduction

■ ? OneFS Review

Administrator's Tasks

? Explore advanced tasks

■ ? Performance basics in complex environments

Monitoring ; Events

? Configure system alerts and event groups

? Perform a cluster health-check

? Troubleshooting Isilon clusters

? Gather and read log files

■ ? Troubleshoot Events

Monitoring, Capacity Issues ; Job Priorities

? Access performance and file system analytic reports using InsightIQ

? Calculate system capacity for management purposes

■ ? Comprehend, schedule and manage system jobs Job Engine management

User Managements

? Identify authentication providers

? Access zones and protocols

■ ? Manage multi-protocol permissions

Networking

? Managing SmartConnect

? Network latency and performance issues

■ ? Identify and resolve networking and SmartConnect issues

Performance Tuning

? Perform a performance analysis

? Establish a performance baseline

■ ? Identify workflows for small file efficiency

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

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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