Global Knowledge ™

ECS Management and Monitoring

Duration: 3 Days   Course Code: ECSMGTMON

Overview:

This course is intended for anyone who needs to manage, customize, monitor, or use an ECS system for data storage. It provides detailed coverage of ECS features designed to support typical use cases, including global content repository, geo-scale object storage with Access Anywhere, and Big Data Analytics.

Target Audience:

All Audiences

Objectives:

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

- Provide an overview of the ECS solution, its components, and typical deployment configurations

- Explain ECS architecture, core software constructs, data flows, and internal operation

- Use the ECS Portal to configure and manage an ECS solution

- Demonstrate how ECS works as object storage with local replication and geo replication

- Perform metering, monitoring, basic health checks, and basic troubleshooting in an ECS environment

- Customize and use supported data clients to access ECS storage

Prerequisites:

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Content:

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

Module 1: Overview of the ECS Solution

o ECS Introduction

o Typical ECS Configurations

- o Lab 0: Connecting to your class lab environment

Module 2: ECS Architecture

o Core ECS Abstractions

o Data Packaging and Local Protection

- o Failure Handling and Failover Scenarios

Module 3: Managing ECS using the ECS Portal

o Configuring VDCs, Storage Pools, and Replication Groups

o Configuring Namespaces, Users, and Buckets

- o Lab 1: Configure ECS Storage Infrastructure

Module 4: ECS Access from Object Clients

o S3 API Client with ECS

o Swift API Client with ECS

o Centera CAS API with ECS

o Hadoop Clients with ECS

o ECS NFS File Access

- o Lab 2: Basic tests of I/O access from various data clients

Module 5: Advanced Configuration

o Access Control, Retention, and Quotas

o Multi-tenancy Considerations

o ECS D@RE

o Lab 3: ECS customizations: ACLs, quotas, and retention

- o Lab 4: Multi-tenancy with Active Directory/LDAP Integration

Module 6: ECS Monitoring and Metering

o Monitoring Capabilities

o SNMP Support

o Syslog Support

o Lab 5: ECS Metering and Monitoring

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 00 971 4 446 4987

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