



## ECS for Geo-Scale Object Storage

**Duration: 3 Days**    **Course Code: ECSGSOS**

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### Overview:

This course shows how to configure, manage and use ECS. 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.

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### Target Audience:

This course is intended for anyone who needs to manage, customize, monitor, or use an ECS system for data storage.

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### 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 the ECS architecture, core software constructs, data flows, and internal operation
  - Use the ECS portal to configure the system for object storage, local replication, and geo replication
  - Customize and use supported object clients and Hadoop clients to access ECS storage
  - Perform metering, monitoring, and basic health checks in an ECS environment
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### 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

- Introduction to ECS
- Typical Hardware Configurations
- ECS Use Cases

### Module 2: ECS Architecture

- Major ECS Abstractions
- Data Packaging and I/O Operations
- Failure Handling and Failover Scenarios

### Module 3: Basic ECS Configuration: Using the Portal

- Creating Storage Pool, VDC, Replication Group, etc.

### Module 4: ECS Access from Object Clients and Usage

- AWS S3 Clients
- OpenStack Swift
- Centera CAS
- Hadoop Clients: Non-secure and Secure Access

### Module 5: Advanced ECS Configuration

- ACLs, Retention, and Quotas
- ECS integration with Active Directory/LDAP
- Multi-tenancy

### Module 6: Metering and Monitoring

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## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

[info@globalknowledge.co.uk](mailto:info@globalknowledge.co.uk)

[www.globalknowledge.com/en-gb/](http://www.globalknowledge.com/en-gb/)

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK