ECS Administration (ECSMGTMON)

ID ECSMGTMON **Price** CHF 5,049.—(excl. VAT) **Duration** 5 days

Who should attend

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

Prerequisites

Familiarity with storage solutions in single and multi-site data center environments, including block, file, and object storage; and basic cloud concepts.

Course 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.
- Identify 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

Course Content

Module 1: Overview of the ECS Solution

- ECS Introduction
- Typical ECS Configurations
- Gen3
- ECS Network
- Use Cases

Module 2: ECS Architecture

- ECS Architecture Overview
- Core ECS Storage Layers
- Data Packaging and Local Protection
- Failure Handling and Failover Scenarios
- ECS Space Reclamation
- Lab: Exploring your ECS lab environment
- Lab: Connecting to your class lab environment

Module 3: Managing ECS using the ECS Portal

- Configuring Storage Pools, VDCs, and Replication Groups
- Configuring Namespaces, Users, and Buckets
- ECS Security
- Lab: Configure ECS Storage Infrastructure
- Lab: Basic tests of I/O access from various data clients (Namespace, Users, and Buckets)

Module 4: ECS Access from Object Clients

- S3 API Client with ECS
- Swift API Client with ECS
- Centera CAS API with ECS
- Hadoop Clients with ECS
- ECS File Access
- GeoDrive
- CLI
- REST API
- Lab: Basic tests of I/O access from various data clients

Module 5: Advanced Configuration

- Access Control and Bucket policies
- Retention, and Quotas
- Multi-tenancy
- ECS D@RE
- Lab: ECS customizations: ACLs, quotas, and retention
- Lab: ECS Identity and Access Management (IAM)
- Lab: Multi-tenancy with Active Directory/LDAP Integration

Module 6: ECS Monitoring and Maintenance

- Monitoring Capabilities
- Maintenance
- SNMP Support
- Syslog Support
- ECS Performance Monitoring
- ECS Logs
- Lab: ECS Monitoring and Maintenance

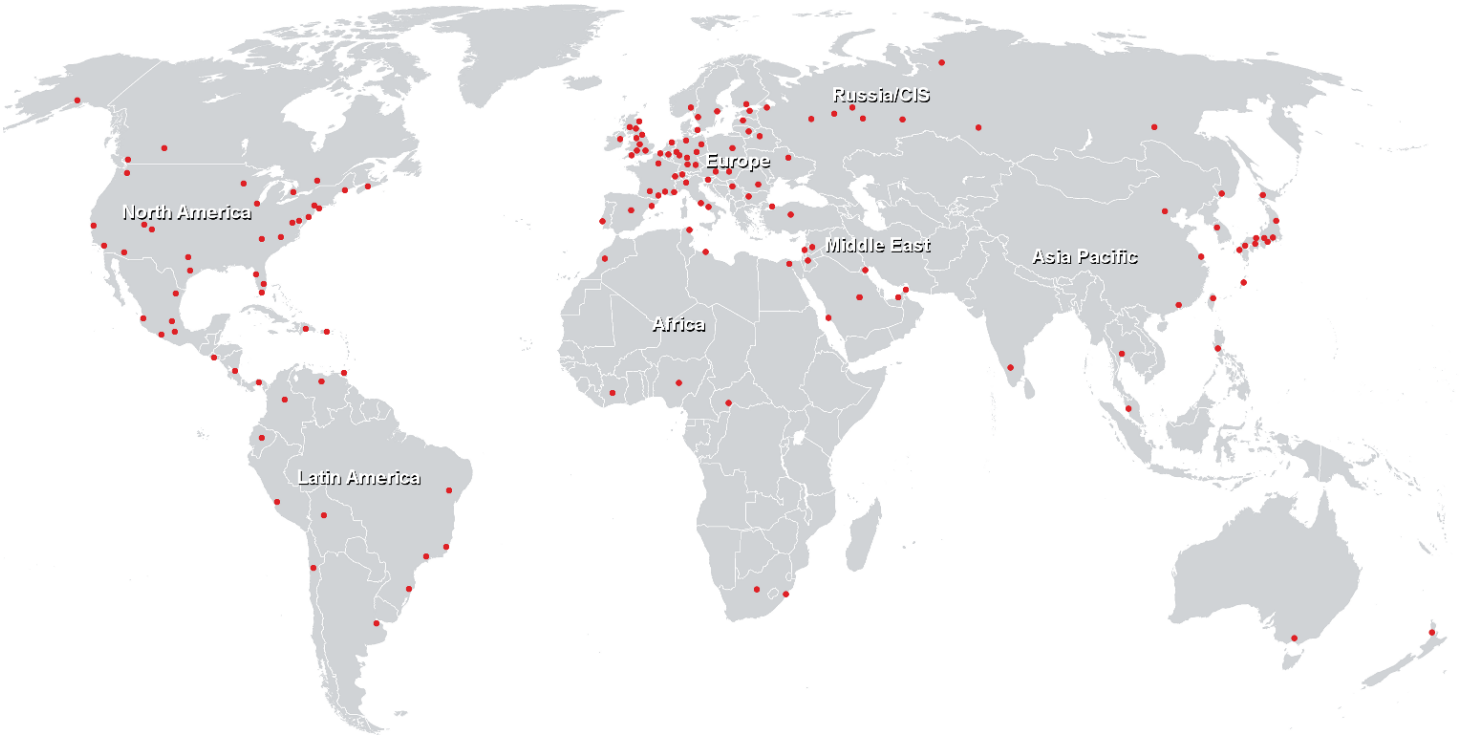
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Module 7: Troubleshooting

- Lab: Temporary Site Outage (TSO) and Permanent Site Outage (PSO)

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Training Centres worldwide





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