ECS Administration (ECSMGTMON)

ID ECSMGTMON **Prix** CHF 5 049,– (Hors Taxe) **Durée** 5 jours

A qui s'adresse cette formation

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

Pré-requis

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

Objectifs

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

Contenu

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

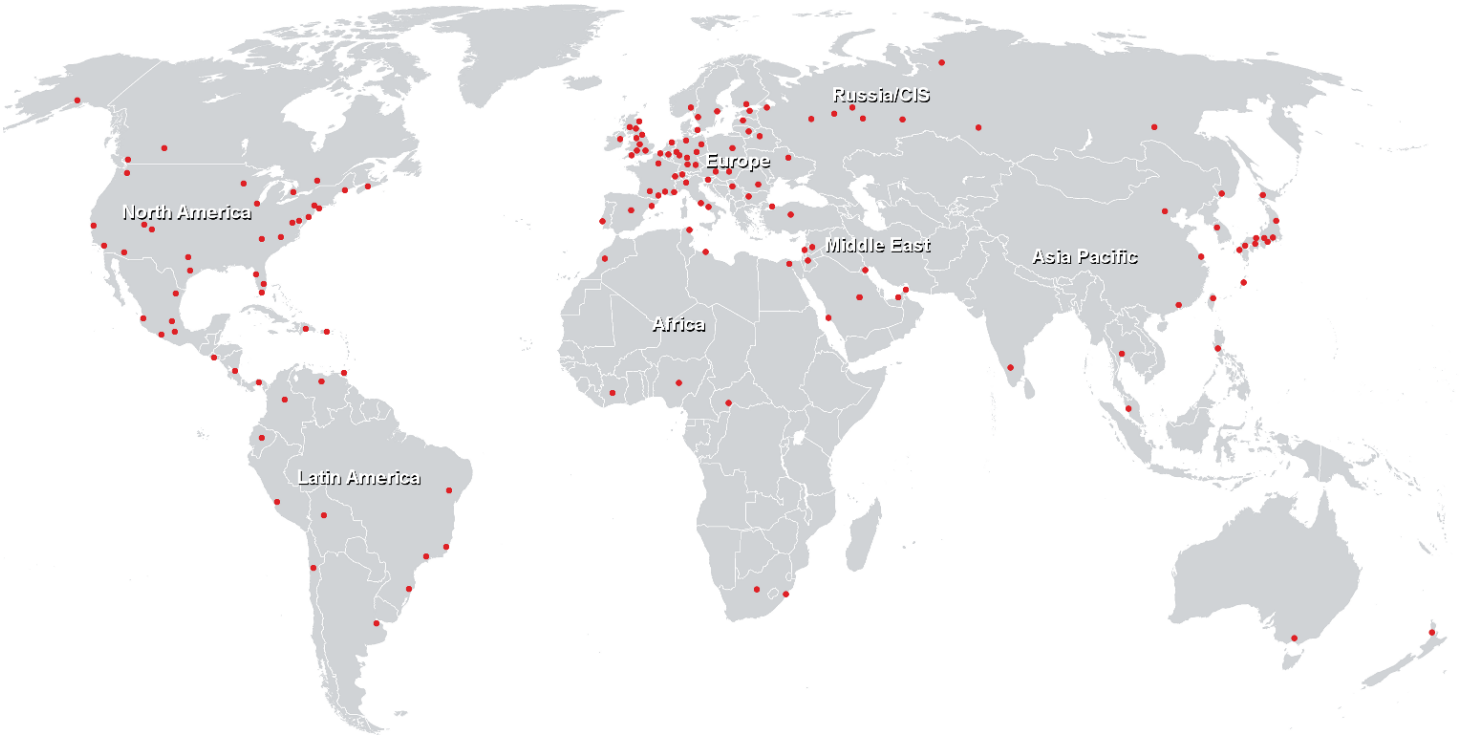
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Module 7: Troubleshooting

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

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Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch