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Register

Axway CFT Secure Transfer Training

3 days (21 hours)

Overview

Axway CFT Secure Transfer is a secure file transfer solution designed to orchestrate reliable exchanges between internal applications or with external partners. It integrates seamlessly into modern IT infrastructures thanks to its robust architecture, interoperable protocols, and advanced monitoring and automation mechanisms.

Our Axway CFT Secure Transfer training will enable you to install and configure CFT agents, define transfer flows, secure exchanges with strong authentication and encryption, and integrate CFT into CI/CD chains with scripts and REST APIs.

You will also master transfer monitoring, traceability, automatic incident recovery, and centralized management using tools such as Axway Flow Manager.

CFT guarantees complete traceability, compliance with standards (GDPR, PCI-DSS, etc.), and reliable automation of your critical data flows.

At the end of this training course, you will be able to deploy, configure, and automate CFT in your hybrid environments (Linux, cloud, containers) and make your inter-application or B2B transfers more reliable.

Like all our training courses, this one is based on the latest stable version of CFT.

Objectives

- Install and configure CFT agents on different systems
- Create, secure, and monitor file transfer flows
- Integrate CFT into CI/CD pipelines with scripts and APIs
- Monitor transfers, analyze logs, and ensure compliance
- Automate inter-application and inter-company transfers

Target audience

- DevOps engineers
- System administrators
- Operations engineers
- IT security managers

Prerequisites

- Basic knowledge of Linux command line
- Understanding of network protocols

Axway CFT Secure Transfer training program Introduction to

MFT and CFT

- Understanding the challenges of Managed File Transfer
- Differences between MFT, FTP/SCP, and other methods
- Positioning CFT in a DevOps architecture
- Use cases: inter-application and B2B exchanges
- Axway Ecosystem: CFT, SecureTransport, Flow Manager
- Overview of supported protocols

Technical architecture and installation of CFT

- Peer-to-peer architecture: principle and components
- How a CFT agent works
- Deployment modes: physical, VM, Docker container
- System requirements, configuration files
- Manual or automated installation on Linux
- Starting and verifying services
- Workshop: Installing CFT agents on two Linux nodes and verifying communications.

Initial configuration and simple transfers

- Creating a partner
- Defining source and target directories
- Launching a simple transfer
- File parameters (name, binary/text mode)
- Verification via CLI commands
- Best practices for naming and logging

Transfer security

- Authentication by password, SSH key, or certificate
- Stream encryption: TLS/SSL
- Encryption of files at rest (S/MIME, PGP)
- Non-repudiation mechanisms
- Access rights management and restrictions by partner
- Compliance with standards: GDPR, PCI-DSS, SOX
- Workshop: Setting up secure SFTP transfer with certificate authentication and encryption verification.

Reliability and disaster recovery

- How acknowledgments of receipt work
- Checkpoint/automatic recovery mechanism
- Error management and file retention
- Configuring retry rules
- Network resilience and operational security
- Simulated interruption scenarios

Monitoring, auditing, and traceability

- Log files and transfer logs
- Error analysis and real-time monitoring
- Generation of compliance audits
- Monitoring with Flow Manager or CLI
- Integration with an external SIEM
- SLA concepts and alerting
- Workshop: Transfer simulation with network interruption

DevOps integration and automation

- Using CFT commands in Bash scripts
- Using REST APIs to trigger transfers
- Integration into a GitLab CI/Jenkins pipeline
- Event-driven triggering
- Example of an end-to-end automated workflow
- Email or webhook notifications

Advanced transfer scenarios

- One-to-many transfer and synchronization
- Conditional transfer and intelligent routing
- Store-and-forward
- Pre/post-processing triggers
- Large file transfer and bandwidth management
- Limitation and prioritization of critical flows

Advanced administration and best practices

- Active/active cluster deployment
- Multi-node administration with Flow Manager
- Configuration backup/restore
- Security models and flow segmentation
- Enterprise MFT governance
- Maintenance, support, and CFT updates
- Workshop: Setting up a complete flow

Companies concerned

This training is aimed at both individuals and companies, large or small, wishing to train their teams in new advanced IT technology or to acquire specific professional knowledge or modern methods.

Placement at the start of training

The placement test at the start of the training course complies with Qualiopi quality criteria. Once they have finalized their registration, learners receive a self-assessment questionnaire that allows us to assess their estimated level of proficiency in different types of technologies, as well as their expectations and personal objectives for the upcoming training course, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could be problematic for the monitoring and smooth running of the training session.

Teaching methods

Practical training: 60% practical, 40% theory. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the trainer, supported by examples and reflection sessions, and group work.

Validation

At the end of the session, a multiple-choice questionnaire is used to verify that the skills have been correctly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training course.