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Axway Managed File Transfer Training

3 days (21 hours)

Overview

Axway Managed File Transfer enables you to secure, track, and streamline file exchanges between applications, partners, and business units. The training focuses on real-world use cases: B2B workflows, SFTP/FTPS transfers, automation, compliance, and monitoring.

You will learn how to design a reliable MFT pipeline: configuring access points, managing accounts and certificates, defining transfer rules, and implementing controls (encryption, integrity, non-repudiation). The goal is to reduce incidents, accelerate partner onboarding, and ensure measurable SLAs.

The approach is hands-on, featuring guided workshops, administration demos, and end-to-end scenarios (submission, routing, error recovery, and alerting). Deliverables include configuration templates, an operations checklist, and a monitoring/audit plan ready to be adapted to your specific context.

Objectives

- Install and initialize an Axway MFT platform in a test environment.
- Configure secure channels (SFTP/FTPS/HTTPS) and key/certificate management.
- Create transfer flows with rules, routing, and automation.
- Set up traceability, alerts, and audit reports.
- Diagnose incidents and apply best practices for operations.

Target Audience

- Systems and Operations Administrators
- Integration/middleware engineers
- B2B/EDI exchange managers
- Technical project managers

Prerequisites

- Basic knowledge of networks (DNS, ports, firewalls) and transfer protocols
- Basic knowledge of Linux/Windows (services, logs, permissions)
- Security knowledge: certificates, encryption, authentication
- Understanding of inter-application and partner communication requirements

Technical prerequisites

- PC with at least 8 GB of RAM (16 GB recommended) and 20 GB of free disk space
- Linux, Windows, or macOS (admin access required)
- Terminal, SFTP/FTPS client, modern browser, text editor
- Access to a VM or lab environment to deploy Axway components
- Must have an Axway license

Our Axway Managed File Transfer Training Program

[Day 1 - Morning]

Architecture and components of Axway Managed File Transfer

- Integrating Axway MFT into an IT system: B2B flows, EAI, ETL, and inter-application exchanges
- Identifying components and roles: MFT server, repository, agents, gateways, administration console
- Understanding transfer protocols and modes: SFTP, FTPS, HTTPS, AS2 (depending on context)
- Define installation prerequisites: OS, network, DNS, certificates, service accounts
- Hands-on workshop: Mapping a typical workflow (source, target, protocol, constraints, SLA).

[Day 1 - Afternoon]

Installation, initial configuration, and getting started

- Perform a basic installation and verify that services start
- Configure essential settings: ports, directories, technical accounts, timeouts
- Set up initial certificates and encryption (TLS, keystores)
- Explore the administration interface: navigation, objects, logs, dashboards
- Hands-on workshop: Install and configure a working test environment.

[Day 2 - Morning]

Modeling data exchanges: partners, accounts, directories, and rules

- Create and manage partners (internal/external) and their connection settings
- Define accounts, access rights, chroot, and password policies
- Organizing storage directories: inbound/outbound, quarantine, archiving
- Configure naming rules, filtering, sizes, quotas, and transfer windows
- Hands-on workshop: Onboarding an SFTP partner with minimal permissions and dedicated directories.

[Day 2 - Afternoon]

Automating workflows: jobs, triggers, transformations, and notifications

- Create transfer workflows: drop-off, collection, push/pull, and disaster recovery
- Set up triggers: file events, scheduling, directory monitoring
- Configuring processing options: renaming, compression, PGP encryption (if applicable)
- Set up notifications and escalations: email, webhooks, ITSM integration (depending on context)
- Hands-on workshop: Build a complete workflow with triggers, transfer, and completion notifications.

[Day 3 - Morning]

Security, compliance, and traceability

- Apply the principle of least privilege: admin, operator, support, and audit roles
- Strengthen access security: SSH keys, rotation, IP restrictions, MFA/SSO (if available)
- Managing certificates: chain of trust, renewal, revocation, TLS best practices
- Configure auditing and traceability: logs, submission records, timestamping, retention
- Hands-on workshop: Secure a partner (SSH key + restrictions) and verify audit trails.

[Day 3 - Afternoon]

Operations: monitoring, troubleshooting, and standardization

- Monitoring transfers: statuses, queues, alerts, performance metrics
- Diagnosing incidents: reading logs, protocol errors, certificate issues, permissions
- Implementing recovery and resilience: retry, failover, idempotence, purge/archiving
- Scaling: configuration templates, onboarding procedures, backup/restore, Patching
- Hands-on workshop: Resolve a transfer issue (expired certificate or permissions) and document the procedure.

Target Audience

This training is intended for both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology or to

acquire specific business knowledge or modern methods.

Assessment upon enrollment

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency with various types of technologies, as well as their expectations and personal goals regarding the upcoming training, 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 pose challenges for monitoring and ensuring the smooth running of the training session.

Teaching Methods

Practical Course: 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.

Assessment

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

Certification

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