

101/105 Metastorm Integration Manager

8.5.1 Managed File Transfer Fundamentals

Course Syllabus

Important Facts:	4 days 60% Lecture 40% Hands-on Labs
Target Audience:	Future Administrators, Operation Staff, Developers and Users of Metastorm Integration Manager Managed File Transfer
Class Objectives:	<p>After completion of this four-day course, the student will be able to apply a working knowledge of Metastorm Integration Manager (MIM) Managed File Transfer (MFT) capabilities including:</p> <ul style="list-style-type: none">• Concepts• Architecture• Planning and Installation• Operational Management and Monitoring• Administration• Creation of Transfer Requests for files and WebSphere MQ queues• Adding exits to Transfer Requests• Available sample exits• Working with the XMScript programming language• Working with XML data in XMScript• Accessing the Registry from programs• Writing custom exits with the XMScript• Adding custom status to exits and components
Prerequisites:	<p>This class is intended for students who will be responsible for working in a Metastorm Integration Manager Managed File Transfer environment to support data movement and integration. This is an introductory level course and students in this class should possess some familiarity with networking, programming and computer fundamentals. This class assumes the student has a working knowledge of WebSphere MQ or takes our WebSphere MQ class. Students should be reasonably familiar with:</p> <ul style="list-style-type: none">• WebSphere MQ configuration• Concepts of WebSphere MQ distributed messaging• WebSphere MQ architectural concepts• Programming with a language such as C, C++, C#, Java, Perl, Ruby or JavaScript

Topic Outline:

Day 1

- MIM Managed File Transfer Overview
- Architecture and Components
 - Lab: Set up for labs
- Planning and Installation
 - Lab: Installing Metastorm Integration Manager
- Node and Service Management
 - Lab: Managing Components
- Basic Transfer Requests
 - Lab: Basic Transfer Requests
- Managing Transfer Requests with the Process Monitor
 - Lab: Using the Process Monitor for Transfers
- Using Process Auditor to Monitor Transfer Status
 - Lab: Working with the Process Auditor

Day 2

- Problem Determination
 - Lab: Diagnosing and Correcting Problems
- Transferring Files with Other Platforms
- Destination Lists and Request Groups
 - Lab: Working with Destination Lists and Request Groups
- Advanced Transfer Request Options
 - Lab: Executing Stored Requests via the Command Line
- Directory Monitoring
 - Lab: Setting Up Directory Monitoring
- UNIX Administration Overview (optional)
- File-to-Message (F2M) and Message-to-File (M2F) Transfer Requests
 - Lab: Working with F2M and M2F Transfer Requests

Day 3

- Configuring Node Topologies
 - Lab: Creating Node Topologies
- Process Monitor Access Control
 - Lab: Working with Access Control
- z/OS Administration Overview (optional)
- Registry and Workbench
 - Lab: Manipulating the Registry with the Workbench
- i5/OS Administration Overview (optional)
- Client Support
 - Lab: Configuring MIM Client Nodes
- Transfer Request Security

Day 4

- MIM MFT Integration Overview
 - Lab: Setup for labs (optional)
- Invoking Transfer Request Exits
 - Lab: Invoking Exits
- A Quick Tour of XMScript
 - Lab: Working with simple XMScript programs
 - Lab: Developing Scripts with the Workbench
- XML Support in XMScript
 - Lab: Programming with XML in XMScript
- Workflow Object and Process Flows
 - Lab: Using the Transfer Request XML Interface
- Creating Custom Exits
 - Lab: Developing Custom Exits
- Creating Custom Status in Exits
 - Lab: Adding Status to the Exit