

□

InfoSphere MDM Advanced Edition Architecture V10
Information

Length: 3.0 Days
__Ref: ZZ620G-X
Delivery method: Classroom
Price: EUR

Overview

This course is designed for anyone who wants to get an understanding the InfoSphere Master Data Management Server Architecture. This course walks the students through the major components of the MDM Server and how each component interacts. Students will learn how the MDM Server responds once a service is invoked and the various configuration and extension points of a service. The course is used as an intro to various components that make up the MDM Server Architecture and prepares the students to identify how the MDM Server will fit into their organization and what pieces may be customize to fit their business requirements.

Public

This advanced course is for:

- Infrastructure Specialist
- Senior Technical Specialist
- Technical Specialist
- Support Engineers
- System Architects

Prerequisites

It is recommended that you should have:

- a working knowledge in JavaEE architecture.

Objective

- Understand the MDM Architecture and how the MDM Server handles and XML request
- Understand the Configuration Points of the MDM Server
- Understand the Core Data Entities and their relationship to each other
- Understand the Extension Points of the MDM Server
- Understand the Event Manager and it's major components
- Understand the User Interfaces provided with MDM Server

Topics

- MDM Server and Service Oriented Architecture (SOA)
 - How MDM Server works in context of SOA
 - MDM Data Model from SOA point of view
 - MDM Services from SOA point of view
- Architecture
 - Big Picture
 - How MDM Server Works
 - Architecture Overview
- The Core Data Model
 - Party Domain
 - Account Domain
 - Product Domain
 - Metadata
 - Common Domain
- How Services Are Invoked
 - MDM Server Consumers
 - How Services are invoked
 - How Services are Handled
- How Services Are Implemented
 - Service Overview
 - Pre/Post Processing Framework
 - Persistence
 - Pluggable Persistence Layer
- How Services Are Extended
 - Metadata
 - Types of Extensions
 - Data Extension
 - Data Additions
 - Specs
 - Behavior Extensions
 - Composite Services
- Common Components
 - External Rules
 - Validation
 - Rules of Visibility
 - Configuration
 - Standardization
 - Logging and Servicibility
 - Multi Timezone

- Search Framework
- Event Management
 - Event Manager Overview
 - Event Manager Architecture
- UI Architecture
 - MDM Server UIs Overview
 - UI Architecture
- Deployment Topologies

Agenda:

- Day 1
 - MDM Server and Service Oriented Architecture (SOA)
 - Architecture
 - The Core Data Model
- Day 2
 - How Services Are Implemented
 - How Services Are Invoked
 - How Services Are Extended
- Day 3
 - Common Components
 - Event Management
 - UI Architecture
 - Deployment Topologies