

InfoSphere MDM Architecture V11 - SPVC
Information

Length: 24.0 Hours
Ref: 2Z820G
Delivery method: Self-paced Virtual Training
Price: INR

Overview

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

The next courses that may be of interest to you include:

- *Data Model and Service Mapping for the InfoSphere MDM Advanced Edition V10 (ILO) (ZZ610)*
- *Customizing the InfoSphere MDM Advanced Edition V10 (ZZ640)*
- *InfoSphere MDM Server Service Customization for MDM Server 9 (ZZ340)*
- *InfoSphere MDM Server User Interface Generator (DC560)*

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<http://www.ibm.com/training/terms>

Public

This intermediate course is designed for the following participants who want to get an understanding of the InfoSphere MDM Architecture (including the Virtual and Physical Hubs):

- Infrastructure Specialist
- Senior Technical Specialist
- Technical Specialist

- Support Engineers
- System Architects

Prerequisites

It is recommended that you have working knowledge in Java EE architecture.

Objective

- Understand the InfoSphere MDM Architecture and how a service on the Virtual and Physical Hub are handled
- Understand the Configuration Points of the InfoSphere MDM
- Understand the Core Data Entities of the Physical Hub and their relationship to each other
- Understand the Tables of the virtual Hub
- Understand the Extension Points of the InfoSphere MDM Physical Hub
- Understand the Configuration Points of the InfoSphere MDM Virtual Hub
- Understand the Common components and services of the Physical and Virtual Hubs

Topics

Unit 1: MDM and the Enterprise

- Physical, Virtual and Hybrid Hubs
- Working with Physical Hub
- Working with Virtual Hub
- Working with Hybrid Hub

Unit 2: Architecture

- Big Picture
- How InfoSphere MDM Works
- Architecture Overview

Unit 3: MDM Physical Model

- Party Domain
- Account Domain
- Product Domain
- Metadata
- Common Domain

Unit 4: MDM Virtual Model

- Member Tables

- Dictionary Tables
- Entity and Relationship Tables
- Audit Tables

Unit 5: How InfoSphere MDM services are Invoked

- InfoSphere MDM Consumers
- How Services are invoked
- How Services are Handled

Unit 6: How Services are implemented

- Handling Physical Hub Services
- Handling Virtual Hub Services

Unit 7: Linking and Duplicates

- Probabilistic Matching Engine
- Algorithms
- Bucketing
- Standardization
- Comparison Functions
- Weights
- Physical Hub Suspect Processing
- Virtual Hub Linking

Unit 8: How Services are Extended (Physical Hub)

- Types of Extensions
- Data Extension
- Data Additions
- Specs
- Behavior Extensions
- Composite Services

Unit 9: How Services are Configured (Virtual)

- Data Model Customizations
- Algorithms
- Handlers
- Events
- Composite Views

Unit 10: Common Services

- External Rules
- Validation
- Rules of Visibility
- Configuration
- Standardization
- Logging and serviceability
- Multi-Timezone
- Search Framework

Unit 11: Integration

- Information Server
- BPM
- Identity Insight

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