

InfoSphere MDM Architecture V11 - SPVC

Course#: 2Z820G
Duration: 3 Days
Price: 0.00

Course Description

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>

Objectives

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

Audience

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.

Content

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