

Informatica MDM Training

Introduction:

- MDM Online Training involves a methodology that identifies the most important information within an organization and accordingly creates a single source to manage all types of master data, regardless it is related to customer, product, and organization or employee database.
- Global Online Trainings offers quality Best Informatica MDM Training both for individual as well as for corporate batches. The classes are conducted on interactive virtual platform and the classes are arranged in a flexi mode for best convenience of the participants.

Prerequisites for Informatica Metadata Manager Training:

- Knowledge of Informatica Data Director and Hierarchy Manager.

INFORMATICA MDM ONLINE TRAINING COURSE CONTENT:

1.INTRODUCTION AND DEFINING DATA MODEL

- a.Intension of Informatica MDM Training.
- MDM Hub
- Master Data
- Master Data Management
- A Reliable Foundation Of the Master Reference Data
- Components of Informatica MDM Training Hub
- Application Server Tier
- Database Server Tier
- Batch Data Process Flow
- Trust Framework
- Consolidation Flag
- b.Define the Data model
- Data Mode Elements
- Data Model
- Relationships
- Relationship Types
- Lookups
- Global Business Identifier (GBID) Flag

2. CONFIGURING STAGE AND LOAD PROCESS

- a. Configure the Stage process
- Basic Mappings
- Complex Mappings
- Cleansing and Transforming Data
- Execution Component
- Testing Mappings
- Reusable Cleanse Components
- External Data Cleansing
- Delta Detection & Audit Trail
- Rejects concepts – Informatica MDM Training
- Cleanse Match Servers
- High-Level Stage Process Flow
- Detailed Stage Process Flow
- b. Configure the Load process
- Cell Level Update
- Allow NULL Update
- Allow NULL Foreign Key
- How the Load work

3. CONFIGURING MERGE PROCESS AND DATA ACCESS

- process
- Match & Merge Overview
- Key Activities for Configuring Rules
- Match/Search Strategy for Base Object
- Population-Informatica MDM Training
- Match Path, Columns and Match Key
- Match Rules and Rule Sets
- Primary Key Match Rules
- Match Rules using Primary Key Match
- Match Keys Distribution
- Merge Settings
- External Match
- Match Server Architecture
- b. Configured data access views

- Queries & Packages Overview
- Query
- Package

4. BATCH PROCESSES AND DATA MANAGEMENT TOOLS

- a.Batch Processes
- Batch Viewer
- Batch Group
- Executing Stored Procedures
- Scheduling Considerations
- Job Status & Job Statistics
- b.Data Management Tools
- Data Stewardship
- Recap: Consolidation Flags
- Merge Manager concepts Informatica MDM Training
- Data Manager
- Unmerge and Tree Unmerge

5. USER EXITS AND LOG FILES

- a.User Exit Procedures
- User Objects
- User Object Registry Tool
- User Exit & User Exit Procedure
- Demo – User exit procedure (using TOAD)
- User Exits in the STAGE Process
- User Exits in the LOAD Process
- User Exits in the MATCH Process
- User Exits in the MERGE Process
- User Exits in the UNMERGE Process
- Other logs Exit Procedures
- b.Log files
- Enterprise Manager
- Hub Server Tab-Informatica MDM Training

- Cleanse Servers Tab
- Environment Report Tab
- ORS Databases Tab
- Database Log File
- Application Server Log
- Cleanse/ Match Server Logs
- Console Log

6. HIERARCHY MANAGEMENT AND SECURITY ACCESS MANAGER

- a.Hierarchy Management
- Entities & Entity Type
- H M Relation ships
- H M Hierarchies-siperian training
- Hierarchy Management
- H M Profiles
- H M Packages
- b.Security Access Manager (SAM)
- Users, Resources, Privileges & Roles
- Resources
- Resource Groups
- Privileges
- Roles of Informatica MDM Training

7. SERVICES INTEGRATION FRAMEWORK

- a.SIF
- Introduction to Siperian SIF
- SIF Framework
- SIF Features & Benefits
- SIF & Integration
- Interacting with SIF
- SIF Architecture & Protocols
- SIF Request Object with Examples
- Processing Responses
- About Record-Informatica MDM Training

- SIF APIs with Examples
- ORS Specific APIs
- Introduction to SIF Manager
- Using JMS – Inbound & Outbound
- Logging
- Auditing

8. INFORMATICA DATA DIRECTOR

- a.IDD Configuration
- Business Data Director – User Interface
- Create, Manage, Consume And Monitor
- Data Model Elements
- Configuration File
- Subject Area
- Subject Area Groups
- BDD Data Display
- Relationships concepts -Informatica MDM Training
- Application Validation
- Importing an Application
- Match Paths
- Lookup
- Cleansing
- Resources and Privileges

Overview on Informatica MDM Training Course:

- listed below is an brief overview on siperian, more in-depth knowledge will be share by our expert consultant as a part of Informatica MDM Training.

What is Master Data?

- It is a collection of common, core entities along with their attributes and their values that are considered critical to a company's business

Master data is classified into 4 stages:

- Policy: Informatica MDM Training determine data domain & policy makers & develop policy definations, strategies, objectives, metrics & revision process.

- Process: It define data usage & management process & the protocols for the people, applications and the services including how it is stored and protected.
- Controls: It create controls to enforce & monitor policy compliance & to identify policy exception
- Audit: It review, access & report historical performance of the system. Feed into governance & policy revision

Why Informatica MDM?

- The Informatica MDM is integrated vertically as well bringing the rich set of data modeling and data quality capabilities you would expect in a world class MDM product (cleansing, matching, linking, relationship management), together with a complete role based security model, and a flexible and comprehensive data stewardship application. It helps you to Consolidate & rationalize master data from various systems across the enterprise to improve the transactional & analytical processes. This reduces errors earlier in the process & hence increases the accuracy of reporting. It is a Proven Enterprise Deployments- Informatica MDM Training often benefits the entire business, all across its operations, by delivering more consistent, accurate, & more complete views of their customers, suppliers, products, etc. Informatica products connect to a common platform; This means that the Informatica MDM has tightly coupled integration to our platform applications that are commonly used to support an Master Data Management initiative. The unique ability of handling multiple domains on the same platform is depicted well on the informatica mdm hub.to know more enroll for Informatica MDM Training The other uses of informatica mdm are as follows:

- Informatica is the only vendor which sells 3 products i.e data integration, data quality and MDM
- High scaling
- Robust machine engine
- Informatica corps investment in siperian
- Regulatory compliance
- Cost savings
- Productivity Improvements
- Increased revenue
- Strategic Goals

Features of Informatica MDM Training:

- increase of the trust in most important business master data,
- keeping the history intact,
- improved auditing capabilities,
- improved insight into the dependencies between master data,
- data governance support,
- Cost reduction.

Benefits of Informatica MDM:

- Listed below are few benefits of informatica mdm, more you will explore as a part of Informatica MDM Training.
- Deepened account penetration, improved profits and increased customer satisfaction, and an ability to uncover diverse new business opportunities – all these things influence on the increase of revenues what's connected, in short, with enhanced customer acquisition and retention account coverage optimizing and business process optimizing which influence on leveraging the efficiency of operations across the organization, simplified regulatory initiatives compliment, enhanced risk management, and capital reserves optimization – the factors which increase the efficiency of data governance, speed to value acceleration followed with multi domain MDM acquisition, holistic view allowing to understand the combined companies better, accuracy, reliability, and data timeliness increases to boost the confidence in decision making processes, Business analytics productivity boost. Register for Informatica MDM Training and see how your business get benefited.

Informatica MDM Training Architecture:

- Informatica MDM Hub consists of three-tier model architecture.
- Database Server
- Application Server
- User Interface layer
- In-depth knowledge about these tiers will be shared by our experts in Informatica MDM Training.
- Database Server
- Database server stores the metadata of the application. The database can be any relational management system such as Oracle,SQL Server, or DB2 etc.
- Application Server

- This tier takes care of security and access to the data. It is based on J2EE compliant application server, such as Websphere or Weblogic.
- User Interface (UI) layer
- This layer allows users to use Informatica MDM Training to perform their data management tasks. Access to this can be limited based on the roles & responsibilities of the users.

Informatica Master Data Management Online Training:

- Informatica MDM Training is a comprehensive method of enabling an enterprise to link all of its critical data to one file, called a master file, that provides a common point of reference.
- Informatica MDM Training uses a flexible business model-driven MDM approach to address your unique MDM business requirements. This proven multi-domain MDM approach improves operations by empowering business users with consolidated and reliable business-critical data—such as customers, products, channel partners, suppliers—and the relationships between data.
- MDM involves a number of technology solutions, including data integration, data quality, and Business Process Management. It delivers:
- A single view of the data—Creating a single, authoritative view of business-critical data from disparate, duplicate, and conflicting information lets you see, for instance, that Rob Barnes and Robert Barnes are the same person.
- A 360-degree view of the relationships—Business rules let you identify the relationships among the data, so you can combine data showing Robert Barnes owns a Razor scooter with data showing he bought it at a Target store, explore more by enrolling for Informatica MDM Training.
- A complete view of all interactions—Integrating the transactions and social interactions that have occurred with that product, customer, channel partner, or other data element gives you a complete view of that customer.
- The selection of entities considered for Informatica MDM Training depends somewhat on the nature of an organization. In the common case of commercial enterprises, master data management may apply to such entities as customer, product, employee, and vendor. Informatica MDM Training processes identify the sources from which to collect descriptions of these entities. In the course of transformation and normalization, administrators adapt descriptions to conform to standard formats and data domains, making it possible to remove duplicate instances of any entity. Such processes generally result in an organizational master data management repository, from which all requests for a certain entity instance produce the same description, irrespective of the originating sources and the requesting destination.

Introduction to Informatica MDM Hub:

This chapter includes the following topics:

- Master Data Management
- Informatica MDM Hub as the Enterprise MDM Platform
- Master Data Management:
 - This section introduces master data management as a discipline for improving data reliability across the enterprise.
- Master Data and Master Data Management:
 - Master data is a collection of common, core entities along with their attributes and their values that are considered critical to a company's business, and that are required for use in two or more systems or business processes.
 - Examples of master data include customer, product, employee, supplier, and location data. Complexity arises from the fact that master data is often strewn across many channels and applications within an organization, invariably containing duplicate and conflicting data.
- Master Data Management (MDM) is the controlled process by which the master data is created and maintained as the system of record for the enterprise.
- MDM is implemented in order to ensure that the master data is validated as correct, consistent, and complete. Optionally, MDM can be implemented to ensure that Master Data is circulated in context for consumption by internal or external business processes, applications, or users.
- Ultimately, MDM is deployed as part of the broader Data Governance program that involves a combination of technology, people, policy, and process. The following steps comprise the interactive process of implementing an MDM solution.
 - Step 1: Policy
 - Determine who the data domain and policy makers are. The data domain and policy makers then develop policy definitions, strategies, objectives, metrics, and a revision process.
 - Step 2: Process

- Process executers define data usage, management processes, and protocols – for people, applications, and services – including how to store, archive, and protect data.
- Step 3: Controls
- Process managers create controls to enforce and monitor policy compliance and to identify policy exceptions.
- Step 4: Audit
- Auditors review, access, and report historical performance of the system. Auditor reports then feed into Governance and policy revision (step 1).
- Organizations are implementing master data management solutions to enhance data reliability and data maintenance procedures. Tight controls over data imply a clear understanding of the myriad data entities that exist across the organization, data maintenance processes and best practices, and secure access to the usage of data.

Key Adoption Drivers for Master Data Management:

- Organizations are implementing master data management solutions to achieve the following goals:
- Regulatory compliance, such as financial reporting and data privacy requirements.
- Avoid corporate embarrassments. For example, you can improve recall effectiveness and avoid mailing to deceased individuals.
- Cost savings by streamlining business processes, consolidating software licenses, and reducing the costs
- Associated with data administration, application development, data cleansing, third-party data providers, and capital costs.
- Productivity improvements across the organization by reducing duplicate, inaccurate, and poor-quality data, helping to refocus resources on more strategic or higher-value activities.
- Increased revenue by improving visibility and access to accurate customer data, resulting in increased yields for marketing campaigns and better opportunities for cross-selling and up-selling to customers and prospects.
- Strategic goals, such as customer loyalty and retention, supply chain excellence, strategic sourcing and
- Contracting, geographic expansion, and marketing effectiveness.

Informatica MDM Hub Components:

- The Informatica MDM Training Hub consists of the following core components:
- The Hub Store
- The Hub Server
- Process Server
- The Hub Console

Hub Store:

- The Hub Store is where business data is stored and consolidated. The Hub Store contains common information about all of the databases that are part of a Informatica MDM Hub implementation. The Hub Store resides in a supported database server environment.
- The Hub Store contains:
 - All the master records for all entities across different source systems
 - rich metadata and the associated rules needed to determine and continually maintain only the most reliable cell level attributes in each master record
 - logic for data consolidation functions, such as merging and unmerging data
- Hub Server:
 - The Hub Server is the run-time component that manages core and common services for the Informatica MDM Hub.
 - The Hub Server is a J2EE application, deployed on the application server, that orchestrates the data processing within the Hub Store, as well as integration with external applications.
- Process Server:
 - The Process Server cleanses and matches data and performs batch jobs such as load, recalculate BVT, and revalidate. The Process Server is deployed in an application server environment.
 - The Process interfaces with cleanse engines to standardize the data and to optimize the data for match and consolidation.
- Hub Console:
 - The Hub Console is the Informatica MDM Hub user interface that comprises a set of tools for administrators and data Stewards.
 - Each tool allows users to perform a specific action, or a set of related actions, such as building the data model, running batch jobs, configuring the data flow, configuring external application access to Informatica MDM Hub resources, and other system configuration and operation tasks.