

PowerCenter 9.x: Administration

Course Description

Delivery Methods

- Instructor-led

Course Duration

- Four Days of instructor-led training
- 60% lecture, 40% hands on lab

Target Audience

- Informatica PowerCenter administrators with one year or more of professional experience or having attended Informatica PowerCenter Level 1 Developer or Informatica Data Services Level 1 Developer training class.

Prerequisites

- PowerCenter Level 1 Developer
- OR
- Data Quality or Data Services Level 1 Developer

Pricing

- Contact your Informatica Education Representative for pricing information

More Information

Courses may be conveniently scheduled around the world. Please visit our website

at <http://www.informatica.com/us/services-and-training/training/> to find the class that is right for you.

For onsite class information contact your local Education Sales Specialist.

Course Overview

In this four day, instructor-led course students will learn to administer the Informatica PowerCenter Platform. The course is intended for Informatica PowerCenter administrators with one year or more of professional experience or having attended Informatica PowerCenter Level 1 Developer or Informatica Data Services Level 1 Developer training class. Topics covered include: Informatica 9 architecture, installing the platform, configuring add and manage services, and platform best practices for users, groups, privileges, roles, and permissions. Additional topics include backing up and migration of the Informatica domain database, implementing repository metadata reporting, using the command line, and setting up Reference Table management.

Objectives

After successfully completing this course, students should be able to:

- Describe the Informatica 9.1 technical architecture
- Describe the Informatica domain, nodes, and application services
- Describe the Informatica clients
- Configure an Informatica 9.1 HF1 environment using recognized Best Practices
- Install Informatica 9.1 domain
- Describe the Administration Console
- Create Privileges and Roles
- Describe Informatica 9 permissions
- Describe PowerCenter repositories
- Describe PowerCenter Web Hub and service
- Deploy PowerCenter metadata from development to test environment
- Describe Command Line programs
- Describe Subject Area Implementation
- Describe Metadata Reporting
- Describe Reference Table Management
- Describe Domain Management
- Describe License Administration

Course Agenda

1. Domain Architecture

- Describe the Informatica 9.1 technical architecture
- Describe the Informatica Domain, Nodes, and application services
- Describe the Informatica clients

2. Best Practices Enable Hierarchy Manager for an MDM Operational Reference Store

- Configure an Informatica 9.1 HF1 environment using recognized Best Practices Entities and Entity Types

3. Installing Informatica 9

- Install Informatica 9.1 domain
- Install Informatica 9.1 clients
- Install Informatica 9.1 HotFix

4. Configuring PowerCenter 9.1 Services

- Describe the Administration Console
- Create PowerCenter Repositories
- Create and enable PowerCenter Integration Services
- Create and configure domain folders

5. Security: Users and Groups

- Describe the Administration Console
- Create Users and Groups
- Assign Users to Groups

6. Security: Privileges and Roles

- Create Privileges and Roles
- Assign Privileges and Roles to Users and Groups

7. Security: Permissions

- Describe Informatica 9 Permissions
- Grant Permissions to objects
- Describe Administrator Folder Management
- Describe Informatica OS Profiles

8. PowerCenter Repository and Client Applications Management

- Describe the PowerCenter repositories
- Describe PowerCenter Clients and objects

9. Web Hub Service Management

- Describe PowerCenter Web Hub and service
- Create and configure a PowerCenter Web Hub service

10. PowerCenter Repository Metadata Deployment

- Deploy PowerCenter metadata from development to test environment
- Deploy PowerCenter metadata across domains to production environment

11. Command Line Programs

- Apply infacmd to domain objects and security
- Apply infasetup to domain objects
- Apply pmcmd to execute and control workflows
- Apply pmrep to manage the PowerCenter Repository

12. Subject Area Implementation

- Describe a Subject Area
- Implement a Subject Area into the PowerCenter architecture

13. Metadata Reporting

- View PowerCenter operational information via the Metadata Exchange (MX) views and Data Analyzer
- Create and configure a PowerCenter Reporting Service (Data Analyzer)
- Describe the purpose of Data Analyzer

14. Reference Table Management

- Describe Informatica Reference Tables
- Create the Reference Table management environment and edit a reference table
- Create a Model Repository Service, Data Integration Service, and an Analyst Service
- Import and edit a reference table via the Developer client

15. Domain Management

- Describe Domain Alerts
- Describe SMTP settings
- Move an Informatica Domain from one database to another

16. License Administration

- Describe the License service
- Describe license validation
- Apply an incremental license