



Informatica PowerCenter & Data Quality 10.x for Administrators

Course ID #: 0835-404-10.2-W

Hours: 21

Course Content

Course Description:

This course is designed to introduce PowerCenter and Data Quality 10.x to administrators. The class focuses on the Informatica architecture, administration console, grids, high availability, and security features of version 10

Target Student:

- ETL Administrators with no Informatica Experience

Topics:

Day one

1. Introduction

- **Exercise #2** Creating an integration service
- **Exercise #2.1** Viewing Domain and Service Logs

2. Informatica DI & DQ Architecture &

Components

- Architecture
- Components

3. Managing Domains & Nodes

- Installation
- Admin Console
- Nodes
- Licenses
- Logging
- Reporting

4. Managing PowerCenter Services

- Repository
- **Exercise #1** Creating Repository Service
- **Exercise #1.1** Restoring a Repository From a Backup
- PowerCenter Integration Service
- Web Service hub
- Other Services

5. Managing Data Quality Services

- Model Repository
- **Exercise #3** Creating Model Repository Service
- **Exercise #3.1** Restoring a Model Repository From a Backup
- Data Integration Service
- Analyst Service
- Content Management Service
- Other Services

Day Two

- **Exercise #4** Creating a Data integration service
- **Exercise #4.1** Viewing Domain and Service Logs

6. Domain Security

- Overview
- Users & Groups



Informatica PowerCenter & Data Quality 10.x for Administrators

Course ID #: 0835-404-10.2-W

Hours: 21

- **Exercise #5** Creating Administrator user Accounts
- Privileges & Roles
- Permissions
- **Exercise #5.1** Creating a Domain Folder
- **Exercise #5.2** Backing up the Domain Configuration
- Configuring LDAP Connectivity

7. PowerCenter Repositories

- Overview
- Folders & Sharing
- Connections
- **Exercise #6** Setting Privileges and Permissions
- Query tool
- **Exercise #7** Using the Query Tool
- Schema

8. PowerCenter and Data Quality Command Line Utilities

- Pmrep
- **Exercise #8** PowerCenter object Export and Import via XML
- Pmcmd
- Infacmd for DQ
- Export Import Model Repository objects using infacmd command
- **Exercise #8.1** Model Repository object Export and Import via XML
- Pmpasswd
- Pmmetrics

9. Versioning

- Check out / Check in
- History
- Labels
- Find Checkout
- Deleting

- **Exercise #9** Restoring Deleted Objects
- Purging

10. Exercise #10 Purging Old Objects Versions Day Three

11. High Availability

- Overview
- Resiliency
- Restart & Failover
- Recovery

12. Performance Tuning

- Overview
- Mappings
- Sessions
- **Exercise #11** Lookup Cache optimization
- Partitioning
- Workflows
- Grids

13. Metadata Deployment

- Options
- Repository
- Folders
- Deployment Groups
- Objects

14. Subject area implementation

- Define a Subject Area
- Implement a Subject Area into PowerCenter Architecture

15. Data Quality Administrator Best Practices

- Use Naming Conventions
- Describe the iterative Nature of Data Quality
- Describe Data Cleansing
- Manage Reference Data
- Describe Domain Best Practices



Informatica PowerCenter & Data Quality 10.x for Administrators

Course ID #: 0835-404-10.2-W

Hours: 21

16. Deploying Data Quality services

- Why Deploy?
- Applications
- Procedures of Deployment
- Deployment to a Web Service
- Deployment to a flat file
- Monitoring Deployed Application

17. Identity Resolution

- Overview
- Define the available population

18. Address Doctor

- Overview
- Address Validation Parameters

19. Informatica Accelerator

- Overview
- Informatica DQ Content