

InfoSphere Information Server for Data Integration Advanced Bootcamp

October 7th – 10th, 2014
09:00 – 17:30



IBM Client Center Technology Solutions
IBM Madrid
Santa Hortensia, 26-28
28002 Madrid

OVERVIEW

This technical InfoSphere Information Server workshop is for IBM Business Partners only. The Data Integration Advanced bootcamp will enable you to understand and use Information Server advance features as a complete solution to transform and deliver data in today's complex data integration environment.

You will be presented with a scenario starting with the business requirement from users. This workshop takes you through on learning how to define your data integration project, discover metadata lineage, locate data relationships, adjust data model, map source and target data, use standard practices to build ETL jobs with advance techniques that satisfy the requirement, and deploy ETL jobs in the SOA environment. You will also learn how to improve performance of these ETL jobs using various techniques. At the end, you will review and examine the solutions to make sure they satisfy all the business requirement.

This workshop is for IBM Business Partners consultants that have worked in Data Integration projects using Information Server and DataStage.

Note: Certified DataStage consultants will benefit most by attending the Data Governance with InfoSphere Information Server Bootcamp.

Prerequisite:

- Knowledge of system administration for UNIX and Windows
- Knowledge of TCP/IP and basic networking principles
- Familiarity with Open Database Connectivity (ODBC) and relational database access techniques
- Must have at least 3 months of actual project working experience with DataStage

AGENDA

Day 1

Module 1 : InfoSphere Portfolio

Module 2 : Metadata Management and Lineage

Lab 1 : Business Case

Lab 2 : Explore and Analyze Information Assets

Module 3 : Blueprinting and Best Practices

Lab 3 : Project Governance with Blueprint Director

Module 4 : Data Discovery

Lab 4 : Finding Data Relationships Using Discovery

Module 5 : Logical and Physical Data Modeling

Lab 5 : Data Modeling

Module 6 : Data Mapping

Lab 6 : Accelerate Development with FastTrack



PureData System for Analytics Advanced Bootcamp

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Day 2

Module 7 : DataStage Parallel Engine Architecture
Module 8 : Data Partitioning and Collecting
Lab 7 : DataStage Parallel Engine Architecture
Module 9 : Job Design Standard Practices
Lab 8 : Runtime Column Propagation & Shared Container
Module 10 : Maintaining Star Schema
Lab 9 : Slowly Changing Dimension (SCD) Stage
Module 11 : Record Group Processing
Lab 10 : Implement a Loop in the Transformer Stage

Day 3

Module 12 : Applying Parallel Engine Architecture Knowledge
Lab 11 : Experiment with Advanced Techniques in DataStage
Module 13 : Updating Multiple Database Tables
Lab 12 : Connector Stage
Module 14 : Performance Tuning
Lab 13 : Performance Analysis
Module 15 : Leveraging Best Available Resources
Lab 14 : Exploring the Optimization Capabilities

Day 4

Module 16 : Installation and Deployment
Module 17 : SOA Deployment
Lab 15 : Delivering Data as a Service Using Information Services Director
Optional Module 1 : Masking Sensitive Information
Optional Lab 1 : Masking Sensitive Data
Optional Module 2 : Working with XML Data
Optional Lab 2 : XML Transformation

REGISTRATION

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