Using Optim Test Data Management and Data Masking on Distributed Systems

Duration: 4 Days       Course Code: DT214G

Overview:
This course is designed to provide you with a foundation in the functionality basics of the Optim Solution. This course provides a conceptual understanding of test data management and data privacy as well as the Optim Solution's capabilities for speeding application deployment by extracting related subsets of production data to create realistic right-sized databases for development, testing, and QA environments, editing test data, and comparing before-and-after snapshots of data to validate changes and verify application accuracy. This course serves as a foundation for the Optim Solution's features and functionality.

This course focuses on the technical aspects of the Optim Solution and is intended for technical audiences. You will learn the basics of how the technology works through hands-on exercises illustrating how the technology applies to business scenarios. This course does not include information on how to install and configure the technology.

This course prepares technical users with the Optim knowledge and skills necessary to use Optim in ongoing development and testing activities.

This course is for students who have one of the following products: IBM InfoSphere Optim Test Data Management Solution - Data Masking Option V9.1.0.3 on distributed systems IBM InfoSphere Optim Test Data Management Solution V9.1.0.3 on distributed systems

Target Audience:
This basic course is for DBAs, development team leaders, and developers who will be responsible for populating test databases from production data, and using the resulting data to test their application. This would also include QA team members who need to create and use test data.

Objectives:
- Extract relational subsets of data from a source database
- Use stand-alone Optim Manager
- Choose appropriate functions to mask test data
- Use the Optim relational editor to examine test data and create special test cases
- Create DB2 tables and associated objects, if needed
- Define Optim Relationships and Primary Keys, if needed
- Use the Compare function to verify application test results
- Select the correct relationship traversal options for your data model
- Insert masked extracted data to a target database
- Choose the appropriate privacy functions to mask sensitive data

Prerequisites:
You should have:
- An ability to use basic Windows functionality
- An ability to discuss basic relational database concepts and objects such as tables, indexes, views, and joins
- Capability to construct and use basic SQL statements
Content:

- Welcome and introductions
- Introduction to IBM Optim Solutions
- Optim Common Elements
- Review the Virtual Machines
- Introduction to Test Data Management
- Getting Started with Optim Designer and Optim Manager
- Extract the Source Data
- Generate, Mask, and Transform Data using Basic Masking Functions
- Verify Transformations Using Compare Process
- Create Database Objects
- Populate the Destination Tables
- Standalone Optim Manager
- Edit and Browse Test Data
- Optim Primary Keys and Relationships
- Relationship Traversal Concepts
- The Command Line Interface
- Special Privacy Functions

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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