3 Days

Red Hat JBoss Data Virtualization Development

Red Hat JBoss Data Virtualization Development teaches database developers and administrators how to model data sources and virtual entities such as tables, views, and procedures. Through hands-on labs, students will learn how to deploy these virtual entities for JDBC and web service consumption. This course can also help certification candidates in their preparation for the Red Hat Certificate of Expertise in Data Virtualization Exam(EX450)

Course Details

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Course Outline

Introduction to Red Hat JBoss Data Virtualization Install Red Hat JBoss Data Virtualization Model data sources Model connections to data sources and the Teiid server Create a virtual base layer (VBL) Model a VBL on top of data sources Create virtual databases (VDB) Create and deploy a VDB Create view models with a union Model combined projections Create view models with joins Model joins between tables (sources) Create virtual procedures Model virtual procedures Produce XML results Model for XML document results Expose a model as a SOAP web service Build and deploy a web service model using JAX-WS (SOAP) Expose a model as a REST web service Deploy a web service model using JAX-RS (REST) Create a view from a web service data source Use a web service as a data source Server administration Manage the data services server Create materialized views Utilize materialized views when appropriate Restrict access to a virtual database Implement access restrictions to the elements mapped in a virtual database Access a virtual database in an application Access virtual databases in a Java application Course review

Who Should Attend

Database administrators Database developers

Pre Requisite

Fluency in Relational Database Concepts and SQL Experience in programming with the JDBC API is helpful JBoss Developer Studio or Eclipse experience is helpful but not required

Exams

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464, Udyog Vihar Phase V,Gurgaon (Delhi NCR)-122016,India   +91 8882 233 777   training@mercury.co.in   www.mercurysolutions.co

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