

Training: Red Hat
JB451 Red Hat JBoss Data Virtualization Development with EX450 exam



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	2650 EUR	4 days
Traditional	CTAB Tablet	2750 EUR	4 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

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 version of the course includes the EX450 Red Hat Certified Specialist in Data Virtualization exam

Audience for this course:

- Database administrators
- Database developers.

CONSPECT:

- 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
- Exam.

REQUIREMENTS:

Red Hat recommends these prerequisites:

- 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

Not sure if you have the correct skill-set knowledge? Find out by passing the online skills assessment:
<https://www.redhat.com/wapps/assessment/tx/begin?asmt=sysadmin&partner=compendium>

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor.