



## **JB450 - Red Hat JBoss Data Virtualization Development**

- 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

