



4 Days

# Red Hat JBoss Data Grid Development

Red Hat® JBoss Data Grid Development focuses on the configuration of caches and manipulation of cache entries. Participants will learn how to access caches in library and remote modes (clustered and non-clustered). In addition, participants will learn how to secure data grids, encrypt data grid communications, and search the data grid.

## Course Details

### Course Outline

Red Hat JBoss Data Grid overview Learn about the features and architecture of Red Hat JBoss Data Grid. Install Red Hat JBoss Data Grid Install Red Hat JBoss Data Grid and configure the development environment. Develop a cache-based application Code, compile, and test an application that uses the Red Hat JBoss Data Grid cache. Access a remote cache Access a cache with remote cache managers using a variety of connector types. Configure eviction and expiration of cache entries Evict and expire cache entries. Maintain cache integrity Maintain cache integrity with transactions and locking. Clustering caches Configure, manage, and optimize clustered caches. Persist the cache Back up the memory cache with a persistent cache store. Secure the cache Restrict access to cache managers and caches. Search the cache Query the cache elements using the Infinispan query features. Course review Continue practicing developing applications with caching using the material presented in this course.

#### Who Should Attend

Java developers DevOps professionals who will administer Red Hat JBoss Data Grid

# Pre Requisite

Java programming skills Red Hat JBoss Developer Studio or Eclipse experience

#### **Exams**

Red Hat JBoss Data Grid Development []

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