Jboss Administration

By Dr. Vishwanath Rao

Course Outline

Day 1

Overview of JBoss Enterprise Application Platform (JBoss EAP)
Learn the concepts and terminology of JBoss EAP 7.
Install and run a JBoss EAP instance.
Understand extensions, profiles, and subsystems.

Configure JBoss EAP in standalone mode
Run and configure JBoss EAP in standalone mode.
Configure interfaces and socket binding groups.

Script configure and deploy applications
Configure JBoss EAP with command line interface.
Deploying applications in standalone mode.

Day 2

Configure JBoss Enterprise Application Platform as a managed domain
Run JBoss EAP as a managed domain.
Assign a domain controller.
Configure a host controller and domain controller.

Configure servers in a managed domain
Manage domain server architecture.
Configure servers and server groups.

Configure datasources
Explore the datasource subsystem and configure JDBC drivers, datasources, and an XA
datasource.

Configure the logging subsystem
    Configure loggers and logging handlers.

Day 3

Configure the messaging subsystem
    Explore the messaging subsystem.
    Configure messaging resources, journals, and other settings.

Secure JBoss EAP
    Configure a database security realm, an LDAP security realm, and password vault.
    Secure a JMS Destination.

Configure the Java Virtual Machine (JVM)
    Configure the JVM in standalone mode and in a managed domain.

Day 4

Configure the web subsystem
    Explore and configure the features of the web subsystem.

Deploy clustered applications
    Explore clustered applications.
    Configure subsystems that support clustered applications and configure load balancing.
    Deploy HA Singleton applications.

Configure the batch subsystem
    Explore and configure batch jobs and batch subsystem.

Discover new features in JBoss EAP 7
    Explore the new features in JBoss EAP 7.
    Migrate JBoss EAP 6 applications to JBoss EAP 7.