

Modules Cursus JBoss Administration

Module 1 : Java EE Standard	Module 2 : JBoss Intro	Module 3 : Modules
Java EE Servers Servlets and JSP's EJB Components Persistent Entities Container Services Stateless Session Beans Stateful Session Beans Passivation and Activation Java EE API's JAX-WS Java EE Web Services JAXB for Java to XML Binding REST Web Services Message Driven Beans	WildFly versus EAP JBoss EAP 6 en 7 Features of EAP 6 Standalone versus Domain Extensions Profiles and Subsystems Datasources Subsystem Paths and Interfaces Standalone and Domain Mode Start Standalone Server Management Resources Attributes Children	Class Loading Preference Modular Class Loading Why use Modules? Static Modules module.xml Dynamic Modules Module Dependencies Dependency Example Class Loading in Deployments Dynamic Module Naming Class Loading and Subdeployments Implicit Module Dependencies Included Modules
Module 4 : JBoss Logging	Module 5 : User Management	Module 6 : JBoss Security
log4J Basic Concepts Logging API Simple Logging JBoss Logging Supported Logging Frameworks Bootup Logging View Bootup Errors read-boot-errors Command Garbage Collection Logging Log Levels Logging Configuration Handlers and Loggers	About User Management Creating a User Using Web Console Using Command Line Interface Add user Command Arguments Specifying Realms Passing Arguments Alternate Property Files User in Single Group User in Multiple Groups Remote Access Administrator Privileges	Securing Applications Database Login Module FORM-based Login Configuring JBoss AS for SSL Creating SSL Certificates Configure SSL Connector Securing JMS destinations Securing AS AS System User File System Security Java Security Manager Running Behind a Firewall
Module 7 : Connecting to Databases	Module 8 : Web Services and JBoss	Module 9 : Clustering
Java Database Connectivity JDBC Architecture and Operation JDBC Drivers Types of DataSources Non XA Datasources Datasource Connection URL's Non-XA Datasources Datasource Connection URL's Common Datasources Parameters Common Pool Parameters Core Datasource Statistics JDBC Statistics	Web Services Overview Service Oriented Architecture Web Services With JAX-WS Web Services on JBoss Configure Web Services Options Modify WSDL Address WSDL Host Setting WSDL Port WSDL Secure Port Web Services Subsystem Configuring Handler Chain Reload Server	Clustering Types Vertical and Horizontal Sticky Sessions State Replication Clustering in Jboss HTTP Session Clustering Session Beans Java Persistence API persistence.xml Shared Store Message Replication HTTP Connectors
Module 10 : Performance Tuning		
Performance Considerations Important Performance Aspects JVM Tuning Heap Tuning and Stack Tuning Generational GC Java Object Behavior Heap Space Organization Heap Area Characteristics Tuning Garbage Collection Application Server Trimming Thread Pool Tuning Database Connection Pooling		