

Weblogic Course Content:35-40hours

Course Outline

WebLogic On Windows & Linux

- Version 8.1 Features
- Version 9.2 Administration
- Version 10.3 Features

Difference between Web & Application Server

- Web Logic 8.1 & 9.2 & 10.3 Features
- Introduction to Web Logic Server 9.2
- Web logic Server Instances
- JVM
- Domains
- Web Logic Server Domains
- Server & Domains
- Domain Configuration
- WebLogic Admin Domains
- Directory Structure
- Installing WebLogic Server
- Configuration
- Creating a new Domain
- Starting Admin Server
- Administration Console
- Administrative Tasks
- Lock & Activate the Admin Console
- Automatically Starting Admin Server
- Managed Sever
- Creating Managed Server
- Start / Stop Servers
- Admin Server Backup

Installation of WebLogic Server

- WLS Domain
- Server
- Machine
- Cluster
- Upgradation
- Configuring JDBC Data Source
- Configuring JMS
- Connection Pooling, Data Sources and MultiPools

JNDI with Web Logic Server

- What is JNDI
- JNDI Service Providers
- JNDI and Web logic Server
- Monitoring JNDI

Application Deployment

- Auto Deployment
- Deployment Tools

- Cluster Deployment
- Load Balancing & Session Replication
- Console Deployment
- Starting / Stopping an Application
- Testing Deployed Application
- Weblogic.Deployer
- Monitoring

Logging and Monitoring

- Introduction
- Web Logic Server logs
- Server logs
- Access logs
- Domain logs
- Out logs
- JMS logs

Using Web Logic as Web Server

- Configuring Web Logic Web Server
- Virtual Host
- Creating Virtual Host
- Configuring Virtual Host

Web Logic Performing Tools

- Introduction
- CPU Utilization
- Memory Utilization
- Monitoring JVM
- Configuring network channels
- Stuck Threads
- Configuring new Thread QUEUES

Security

- Authentication / Authorization
- Authentication mechanisms
- Web logic Security Realms
- Creating / Managing Users / Groups
- Embedded LDAP
- Managing Roles
- Policies and Roles
- SSL
- Public Key / Private Key
- SSL Configuration
- CA
- Key stores
- Configuring SSL Settings & Key Stores.