

WebLogic 11g Administration

- 1) Overview of SDLC
- 2) Installation of WebLogic Server (11g)
 - Installing in Windows (GUI)
 - Installing in RHEL
 - Console
 - Silent Methods
- 3) Domain Creation (Development and Production)
 - GUI
 - Console
- 4) Templates
- 5) Cluster
 - Advantages
 - Types
 - ✓ Horizontal Cluster
 - ✓ Vertical Cluster
- 6) Nodemanager and Machines
- 7) WebLogic Scripting Tool (WLST)
- 8) Deployments
 - Types
 - Console
 - WLST
 - Python Scripts
 - ANT Scripts
 - Side by Side deployments
 - Auto Deployment
- 9) Logging and Backups
 - Standard out logs
 - Bea logs
 - Node Manager Logs
 - Access Logs

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10) Security (SSL)

- Creating Self Signed Certificate
- CA Certificate

11) User Management

- Creating users and assigning groups
- Recovering Admin console password

12) JDBC- Installation of Oracle 10g, SQL Basics, Connecting WL application server to backend database.

13) JMS

- JMS Servers and persistent stores
- JMS Modules
- Queue, topic ,ConnectionFactory and subdeployment Creation
- Bridge Creation

14) Shell Scripting and Job Scheduling by using Cron Jobs

Server Monitoring Scripts and monitoring techniques (Beginner level)

15) Tuning

- JVM
- Thread Dumps
- Heap Dumps

Analyzing dumps in tools like ThreadLogic and Samurai.

16) Horizontal cluster creation (with remote Linux servers)

17) Apache HTTP installation (Webserver)

18) Linux Installation (RHEL 5) and Unix Commands