

IT HUNTER SOLUTIONS

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Oracle Fusion Middleware

Introduction to Oracle Fusion Middleware 11g

- Fusion Middleware concepts
- Introduction to Web Logic Server
- Web Logic Server Domain, Administration Server and Managed Server
- Oracle Instance , Oracle Home, Metadata Repository
- File System and Directory Structure in Fusion Middleware

Installation & configuration of Fusion Middleware (DB, Web Logic & SOA Suite)

- Installing Oracle Database
- Installing Metadata Repository for Fusion Middleware
- Installing Web Logic Server
- Installing Additional Fusion Middleware component (SOA Suite)
- Configuring Fusion Middleware component (SOA Suite)
- Start/Stop Services
- Start/Stop Web Logic Administration Server
- Start/Stop Managed Server
- Start/Stop Middleware Control

Node Manager and Deploying Application

- Introduction to Node Manager
- Configuring Node Manager and starting Managed Servers using Node Manager
- Overview of Deploying Applications
- Understanding Data Sources
- Deploying and Un deploying Java EE Applications

Monitoring Oracle Fusion Middleware

- Overview of Monitoring Oracle Fusion Middleware
- Monitoring the Status of Oracle Fusion Middleware
- Monitoring an Oracle Web Logic Server Domain

- Monitoring an Oracle Web Logic Server Administration Server or Managed Server
- Monitoring a Component
- Monitoring Applications
- Monitoring the Performance of Oracle Fusion Middleware Components

Configuring Security and High Availability for SOA

- Creating Additional Administrative Users
- Creating Additional Users with Specific Roles
- Changing the Administrative User Password
- Defining Virtual Hosts for SOA Cluster
- Installation and Configuration of SOA in Active Cluster.

Lab Exercises

- Installation of VMware on User's PC
- Create two virtual Machine and install Oracle Enterprise Linux
- Install Oracle Database 11g
- Load Fusion Middleware Schema in Database
- Install WebLogic Server 11g
- Install Fusion Middleware Component (SOA Suite)
- Configure SOA Suite 11g
- Start/Stop Services on Fusion Middleware
- Configure and Start Node Manager
- Configure Virtual IP's on Linux
- Install and Configure Web Cache 11g as Software Load Balancer
- Install SOA suite 11g in Active cluster on two Linux Machines