

## Introduction of Weblogic Server

- \* J2EE Application Server
- \* Bea (Oracle)
- \* **T3 Protocol**-----Propriety Protocol---Internal Protocol used inside the weblogic server for all its communications

### Weblogic Server(WLS)

### Weblogic Portal Server(WPS)-----T3 Protocol

### Weblogic Integration Server(WIS)

Understands all other protocol like  
HTTP,HTTPS,FTP,IIOP,SOAP,SNMP

IIOP---Internet Inter Orb Protocol

SOAP----Simple Object Access Protocol

SNMP---Simple Network Management Protocol

used to communicate from one WLS Machine to Another  
WLS Machine

\*it developed by Java Technology

\* **POINTBASE Database**----->Inbuilt Internal Database Comes with Weblogic server----used to weblogic services Only(Meta Data DB)

\*Embedded **LDAP** Database----->Inbuilt Internal Database Comes with Weblogic server---->Security Data----WLS Administrator--  
Username,Password

LDAP—Light Weight Directory Access Protocol---it is light weight protocol used to fetch a light weight data (Text Data)

Username= oman 1234

\* **AdminServer**----->7001(default)---->HTTP Protocol

\* **SSL---Secure Socket Layer**----->7002(default)----->HTTPS Protocol

\* Runs in **Development Mode(JDK)** or **Production Mode (JRockit-JRE)**

\* **WLS Comes with Java Software---JDK and Jrockit(JRE)**

Service Packs 1 to 6

**WLS 8.1----comes with JDK 1.4 and JRE 1.4(Jrockit)--Bea**

**WLS 9x----comes with JDK 1.5 and JRE 1.5(Jrockit)---Bea**

**Oracle WLS 10.3(10g)----comes with JDK 1.6 and JRE 1.6(Jrockit)---  
10.3.0 , 10.3.1,10.3.2**

**Oracle WLS 10.3.3(11g) 11g R1-----comes with JDK 1.6 and JRE  
1.6(Jrockit)----11g=10.3.3.0,10.3.4,10.3.5,10.3.6**

**Oracle Weblogic Server 12c----- comes with JDK 1.6 and JRE  
1.6(Jrockit)----JDK 1.7**

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### **3 types of Weblogic installer**

1. \*.exe ( 32 bit windows OS Comes with Java software--JDK and JRockit)
- 2.\*.bin (32 bit Unix,linux,solaris OS Comes with Java software--JDK and JRockit)
3. \*. jar (Generic Installer)---( 32 /64 bit any OS does with Java Software---JDK or Jrockit)

### **3 types of Installation**

- 1.GUI Mode
- 2.Console
- 3.Silent Mode

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## Domain (Profile)

- \* it carries the **weblogic configuration details** like Name of WLS Server, how many no of WLS Server, Ipaddress, port no, J2EE Applications, J2EE services JDBC, JMS...
- \* Development mode or production mode
- \* gateway to start/stop the weblogic server