**JMS------Java Messaging Service**

\* it is one of the j2ee technology used for developing the message

Applications

\*JMS--Java Programmer---- it is programming(javax.jms)

\* JMS----Server Admin----it is one of the service provided by the application Server(weblogic server)

**JMS--2 models**

**1.Point to Point**

one to one communication

**2.Publisher/subscriber**

one to many communication

**1.Point to Point**

one to one communication

Sender(Ramesh—Hi—Ram)---🡪WLS(MessageApp-Hi(hyd1234,Etranscf1234) )**---Thirdparty server(JMSServer(JMS Queue---ManojQ1,hyd1234,JMSConnectionFactory—EtransCF,EtransCf1234)**)-🡪receiver(Ram-Hi)

**Role of Weblogic Admin**

**1.Create a JMS Server**

**------Create a JMS Module----(JMS Container)**

**2.Create a JMSQueue with Appropriate name and JNDI Name**

**3.Create a JMS ConnectionFactory with Appropriate name and JNDI Name**

4.Create a JMS Template( it can carry queue and topic details)

5.Create a JMS DestinationKey(Sorting)

6.Create a JMS Distributed Queue with Appropriate name and JNDI

**2.Publisher/subscriber**

one to many communication

Publisher(ad)-🡪WLS(MessageApp-YG—Java(sun1234,EtransCf1234) ----**JMSServer(JMSTopic—java,sun1234,JMSConnectionFactory- EtransCF,EtransCf1234**))<--🡪s1,s2,s3,sn(Subscriber)

**Role of Weblogic Admin**

**1.Create a JMS Server**

**------Create a JMS Module----(JMS Container)**

**2.Create a JMS Topic with Appropriate name and JNDI Name**

**3.Create a JMS ConnectionFactory with Appropriate name and JNDI Name**

4.Create a JMS Template( it can carry queue and topic details)

5.Create a JMS DestinationKey(Sorting)

6.Create a JMS Distributed Topic with Appropriate name and JNDI

Message Persistence:

Message---🡪Application--🡪Processed,delivered----🡪**Persistent Message or Permanent Message**

Message--🡪Application---🡪Processed,Not Delivered or Not Processed,NotDelievered---🡪**Non Persistent Message or Temporary Messages**

**Persistence Stores**

**1.JMS FileStore**

JMSFileStore----🡪/root/Desktop/JMSLogs**---🡪log file**

**2.JMS JDBCStore**

JMSJDBCStore--🡪JDBC Datasource--🡪Db Connection(JMSLogs)

Types of Message Application

1 MessageApplication--🡪EJB(MDB) + JMS = Asynchronous Application

1 Message Application-🡪Servlet or JSP + JMS = Synchronous Applications