Java EE

- Java EE is an open, standards-based development and deployment platform for creating distributed, transactional, reliable, secure, multi-tiered, web-based, server-centric, component-based enterprise applications

- Java EE Application Model

- Java programming language, Java Virtual Machine (JVM)

- Java EE Components

- Java EE Clients

- Application Clients, Applets (embedded in web clients)

- Web Components

- Servlets, JavaServer Pages (JSP), JavaServer Faces (JSF)

- Enterprise JavaBeans (EJBM)

- Java EE Containers

 Client containers, web container, EJB container

- Java EE Server

- Java EE Web Application

- Collection of resources installed under a specific subset of the URL namespace of a web application server compliant with the Java EE Specification (e.g. Apache‟s Tomcat, Apache‟s Geronimo, Sun Microsystems‟ Glassfish, IBM‟s WebSphere, etc.)

- Resources

- Static resources: web pages, images, stylesheets, etc. (serves as is)

- Dynamic resources: servlets, JSPs

- Miscellaneous resources: business object classes (e.g. Java Beans, EJB), support libraries, etc.

- XML-formatted descriptor and configuration files

- web.xml, application.xml, context.xml, etc.

- Organized into a standard hierarchical structure and typically packaged and deployed as WAR or EAR files

 Java EE APIs

o Enterprise JavaBeans Technology

o Java Servlet Technology

o Java Server Pages

o Java Server Pages Standard Tag Library

o Java Server Faces

o Java Msg Service API

o Java Transaction API

o JavaMail API

o JavaBeans Activation Framework

o Java API for XML Processing