

JEE Concepts Summary

JEE Framework

- What does the acronym stand for? (1)

Java Enterprise Edition

- Define JEE. (1)

JEE is a collection of APIs (class libraries) used to develop business or enterprise applications that are distributable, scalable, robust, highly-available, and secured.

- Explain each component that emanates from the definition of JEE. (8)

Enterprise: These are business applications.

Distributable: Application components can run on multiple machines as a unified system.

Scalable: New functionalities can be added without breaking the app.

Robust: Applications are fault-tolerant.

High availability: Applications run 24/7 on web or application servers.

Secured: Security is enforced by the server, either declaratively or programmatically.

- Differentiate between an Application Server and a Web Server. (2)

Application Servers support web components and EJBs. Web Servers only support web components.

- Give an example of an Application Server and Web Server. (1)

GlassFish (Application Server), Apache Tomcat (Web Server).

EJB

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- What does the acronym stand for? (1)

Enterprise Java Beans

- What is the purpose of EJBs? (1)

They are used to perform business logic.