Module-04-Deploying Java Applications With Jenkins DSLs

1. What is Tomcat Server?

a. Tomcat Server is a tool for curating photographs.

b. Tomcat Server is used to store large text files.

c. Tomcat Server is an open-source container used to deploy Java Servlets and Java Server Pages.

d. Tomcat Server is a security feature in Jenkins.

Feedback:

Incorrect if (a) is chosen. That’s incorrect. Tomcat Server is not a tool for curating photographs.

Incorrect if (b) is chosen. That’s incorrect. Tomcat Server is not used to store large text files.

Correct if (c) is chosen. That’s correct. Tomcat Server is an open-source container is used to deploy Java Servlets and Java Server Pages. The Apache Servlet Foundation developed it.

Incorrect if (d) is chosen. That’s incorrect. Tomcat Server is not a security feature in Jenkins.

2. What is the function of Global Tool Configuration on Jenkins?

a. It is used to configure various tools that are required at the time of building a Jenkins job.

b. It is used to trigger a job in Jenkins.

c. It is used to deploy applications remotely.

d. It is used to delete Jenkins entirely.

Feedback:

Correct if (a) is chosen. That’s correct. Global Tool Configuration is used to configure various tools that are required at the time of building a Jenkins job. You can configure tools such as Ant and Maven using Global Tool Configuration.

Incorrect if (b) is chosen. That’s incorrect. Global Tool Configuration is not used to trigger a job in Jenkins.

Incorrect if (c) is chosen. That’s incorrect. Global Tool Configuration is not used to deploy applications remotely.

Incorrect if (d) is chosen. That’s incorrect. Global Tool Configuration is not used to delete Jenkins entirely.

3. The Job-dsl-checkout job is to pull the code from the repository and initiate the application installation process. State whether True or False.

a. True

b. False

Feedback:

Correct if (a) is chosen. That’s correct. The Job-dsl-checkout job is to pull the code from the repository and initiate the application installation process.

Incorrect if (b) is chosen. That’s incorrect. The Job-dsl-checkout job is to pull the code from the repository and initiate the application installation process.

4. What is a downstream job?

a. It is a job for listing system files.

b. It is a type of geographical software.

c. It is a project lined up for execution after the success of the previous, or upstream project.

d. It is a programming language.

Feedback:

Incorrect if (a) is chosen. That’s incorrect. A downstream job is not a job for listing system files.

Incorrect if (b) is chosen. That’s incorrect. A downstream job is not a type of geographical software.

Correct if (c) is chosen. That’s correct. A downstream job is a project lined up for execution after the success of the previous, or upstream job.

Incorrect if (d) is chosen. That’s incorrect. A downstream job is not a programming language.

5. Which of the following statements is true regarding the Mocha testing package?

a. Mocha is a simple testing library for Node JS.

b. Mocha is an online game.

c. Mocha is not used for unit and integration testing.

d. Mocha is a social media platform.

Feedback:

Correct if (a) is chosen. That’s correct. Mocha is a simple testing library for Node JS.

Incorrect if (b) is chosen. That’s incorrect. Mocha is not an online game.

Correct if (c) is chosen. That’s incorrect. Mocha is used for unit and integration testing.

Incorrect if (d) is chosen. That’s incorrect. Mocha is not a social media platform.

6. The SSH plugin on Jenkins is configured to securely transfer files and run remote commands. State whether True or False.

a. True

b. False

Feedback:

Correct if (a) is chosen. That’s correct. The SSH plugin on Jenkins is configured to transfer files and run remote commands securely.

Incorrect if (b) is chosen. That’s incorrect. The SSH plugin on Jenkins is configured to securely transfer files and run remote commands.