

# QUESTIONS & ANSWERS

Kill your exam at first Attempt



CloudBees

# CJE

*Certified Jenkins Engineer (CJE)*

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### Question: 52

A freestyle job is set up to "Enable concurrent builds if necessary" and configured to run on a single node.

How can you ensure that multiple concurrent runs share the same workspace?

- A. Pass the argument `-Dhudson.model.Run.lockworkspace=false` in the Jenkins master Invocation.
- B. Check "Do not lock workspace" In the Advanced Project Options of the project.
- C. Multiple concurrent runs can never share the same workspace.
- D. Define a "Custom workspace" path for the job.

**Answer: D**

### Question: 53

You want to allow regular users to configure limited aspects of a job but not allow them to change everything, What Jenkins mechanism do to use?

- A. System environment variables
- B. Job Configuration Restriction plugin
- C. Build parameters
- D. Matrix-based security
- E. Declarative Pipeline

**Answer: A**

### Question: 54

One quality of an ideal build node K that it is\_\_\_\_\_.

- A. ephemeral and replaceable
- B. tailored to specific builds
- C. on-master
- D. static

**Answer: A**

### Question: 55

Which of the following is true about resuming a Declarative Pipeline?

- A. Declarative Pipelines can be restarted after a Jenkins failure but not after a transient outage (such as a network failure or disk space exhaustion).
- B. Declarative Pipelines can be resumed only after a transient outage (such as a network failure or disk space

exhaustion).

- C. All Declarative Pipelines are restartable by default, with the same inputs (commit to build, parameters, etc) as the original run. Any data that was built In the original run Is available only If the preserveStashes() option Is specified In the Jenkinsfile
- D. Declarative Pipelines that use Docker containers can not be resumed because the docker APIs that Jenkins calls to create the container are not serialized
- E. A Declarative Pipeline can be restarted only If the preserveStashes() option Is set In the pipeline.

**Answer:** C

### Question: 56

Where do you find alerts about Jenkins security issues? Choose 3 answers

- A. Beekeeper Upgrade Assistant if you are running CloudBees Jenkins Distribution or CloudBees Core.
- B. An email message that is automatically sent to all users who have registered with the mailing list at [\[email protected\]](#)
- C. A banner displayed in the upper right section of the master's home page.
- D. An email message sent to all users who are listed in the "Send security notifications" field of the "Extended E-mail Notification" configuration.
- E. Jenkins logs.

**Answer:** C, D, E

### Question: 57

Which of the following are true when using build parameters? Choose 3 answers

- A. If your Jenkinsfile specifies parameters with the "parameters" directive, those are the only parameters recognized when the Pipeline executes; any parameters that were specified In the "Project is parameterized" section of the Job configuration are cleared.
- B. Use the "params" object to reference parameters that are defined on "The project is parameterized" section of the job configuration.
- C. Use the "parameters" directive to define parameters for your Pipeline Inside your Pipeline code.
- D. If you configure a build parameter of type File, then users can specify a file on the server as build input.

**Answer:** A, B, C

### Question: 58

Which are commonly referenced as key points of CI? Choose 3 answers

- A. Automated deployment to the production environment.
- B. Collaboration among Dev, QA and Ops.
- C. Automated tests after each commit
- D. Automated builds after each commit.
- E. Frequent commits to source code repository.

**Answer:** C, D, E

### Question: 59

Which job type is always available in Jenkins without additional plugins?

- A. Ant project
- B. Make project
- C. Gradle project
- D. Pipeline project
- E. Freestyle project

**Answer:** E

### Question: 60

Which of the following are true when using environment directives in a Declarative Pipeline? Choose 3 answers

- A. If an environment variable is enclosed in single quotes, the Pipeline DSL dereferences the variable on the master's JVM and passes the calculated string to the sh or bat step; if the environment variable is enclosed in double quotes, the name of the environment variable itself is passed to the "sh" or "bat" step and the shell interpreter on the agent dereferences the variable.
- B. If an environment variable is enclosed in double quotes, the Pipeline DSL dereferences the variable on the master's JVM and passes the calculated string to the sh or bat step; if the environment variable is enclosed in single quotes, the name of the environment variable itself is passed to the "sh" or "bat" step and the shell interpreter on the agent dereferences the variable.
- C. A Declarative Pipeline can use environment variables defined in Jenkins itself (such as BUILD\_NUMBER and JENKINS\_URL), environment variables defined in an installed plugin (such as GIT\_COMMIT or GIT\_BRANCH), or environment variables that are coded as directives in the Pipeline itself; the semantics are identical for all environment variables.
- D. BRANCH, defined in the Git plugin, or environment variables that are coded as directives in the Pipeline itself; the semantics are identical for all environment variables.
- E. An environment variable can be specified globally (to apply to all steps in the pipeline), for an individual step, or for one or more specified steps in the Pipeline,

**Answer:** A, C, D



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