

# Knowledge check

4 minutes

Choose the best response for each question. Then select **Check your answers**.

## Check your knowledge

1. Which of the following choices isn't considered a feedback loop or quality gates during the Continuous Delivery? \*

- ☐ An automated test on a Test environment.
- ☐ An automated build to validate the sources.
- ☒ An automated Azure Boards and repository integration.

✓ **Correct.** A feedback loop can be different things: A unit test to validate the code, An automated build to validate the sources, An automated test on a Test environment, Some monitor on a server, and so on.

2. Which of the following choices best describe Continuous Delivery? \*

- ☐ Continuous delivery (CD) triggers automated testing for every code change.
- ☒ Continuous delivery (CD) is a set of processes, tools, and techniques for rapid, reliable, and continuous software development and delivery.

✓ **Correct.** Continuous delivery (CD) is a set of processes, tools, and techniques for rapid, reliable, and continuous software development and delivery.

- ☐ Continuous delivery (CD) is the process of automating the build and testing of code every time a team member commits changes to version control.

3. Which of the following choices is a definition for a technical release (deployment)? \*

- ☒ Deployment is the action of running the tasks for one stage, which results in a tested and deployed application and other activities specified for that stage.

✓ **Correct.** Deployment is the action of running the tasks for one stage, which results in a tested and deployed application and other activities specified for that stage.

- ☐ Deployment is a package or container containing a versioned set of artifacts specified in a release pipeline in your CI/CD process.
- ☐ Deployment is a construct that holds a versioned set of artifacts specified in a CI/CD pipeline.

4. Which of the following choices is a container with versioned artifacts, pipeline, approvals, stages, variables? \*

- ☐ Deployment.
- ☐ Build.
- ☒ Release.

✓ **Correct.** A release is a package or container that holds a versioned set of artifacts specified in a release pipeline in your CI/CD process.

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Next unit: Summary

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