

Practice Exam Questions

PeopleCert
DevOps



PeopleCert DevOps Engineer



EXAMKILLER

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Exam DevOps-Engineer

PeopleCert DevOps Engineer Exam

Version: 3.0

[Total Questions: 40]

Question No : 1

Site reliability engineering (SRE) is Google's way of performing IT operations

Which TWO of the following in regards to SRE practice at Google are TRUE?

1. The SRE team is capped at 50% of their time performing toil work.
2. The SRE team is focused on manual intervention versus engineering
3. SRE learns scale linearly with the service sue
4. SRE teams modernize the traditional IT Ops role

- A. 1 and 2
- B. 2 and 3
- C. 3 and 4
- D. 1 and 4

Answer: A

Question No : 2

Which of the following is the BEST example of the DevOps ideal "locality and simplicity"?

- A. increase the feedback loops in the process and give teams the resources they need to fix problems.
- B. Focus on the resources within the team's scope of control and design loosely coupled services.
- C. Understand what customers are willing and able to pay for in a service and what they care about.
- D. Address problems as a team with "what is the cause?" not "who" and teach each other continually

Answer: A

Question No : 3

What is the BEST reason for maintaining a constant state of deployment readiness?

- A. To enable staff to test their deployment capacity
- B. To allow the IT team to respond quickly to the business
- C. To iteratively build features into a deployable increment

D. To utilize the automated provisioning of virtual servers

Answer: A

Question No : 4

Which statement BEST describes the basic concepts of a blue/green deployment?

A. A deployment is made where a set of features are hidden from users until tested and confirmed successful

B. A deployment is made to a pilot user group for feedback and confirmation before it is made production viable

C. A deployment is made to an identical but passive production environment where no users will be affected if it goes wrong

D. A deployment is made to the testing environment for validation and confirmation before it is finally released to users

Answer: C

Question No : 5

Which of the following BEST describes an aspect of the continuous deployment pipeline that a release engineer can influence beyond the technical aspects of a feature or application release?

A. Self-service model

B. Policies and procedures

C. High velocity

D. Hermetic builds

Answer: B

Question No : 6

When TWO of the following BEST describe advantages of container?

1. Supports physical and virtual servers by replacing the operating system

2. Supports the goal of efficiently using hosting resources when using containers

- 3. Supports running software reliably when moved between environments
 - 4. Supports virtual machine capacity by reducing the operating system size
- A. 1 and 2
 - B. 2 and 3
 - C. 3 and 4
 - D. 1 and 4

Answer: B

Question No : 7

Which of the following BEST describes a release train?

- A. A set of interconnected software development activities that have to be executed in sequence due to object and resource dependencies
- B. A powerful command line tool dedicated for migrating changes or metadata between environments and intended for use by DevOps engineers
- C. It is a preplanned time frame and set of delivery activities that have been stringently planned into phases the individual teams must align with.
- D. It is a form of a prerelease deployment validation method where third-party systems require integration testing and load testing to be performed.

Answer: C

Question No : 8

Which of the following BEST describes what a critical-to-quality(CTQ) tree does?

- A. Connects the voice of customer with the customer outcome
- B. Translates the voice of customer to internal IT targets
- C. Visualizes the value stream
- D. Visualizes the work in progress

Answer: B

Question No : 9

In an IaaS cloud service model who is responsible for managing the visualization layer?

- A. Cloud provider
- B. Data analyst
- C. Customer representative
- D. Technical specialist

Answer: A

Question No : 10

Which of the following BEST describes the concept of continuous integration orchestration capabilities of Jenkins?

- A. The purpose is to frequently integrate developer source code during the day to run integration tests and pass the merged code back to developers
- B. The objective is to perform a static syntax test on the source code prior to the application compilation to identify broken functionality
- C. The goal is to deploy the compiled application on the test server without the need for providing feedback loops for the build and test results.
- D. The objective is to commit source code changes frequently followed by running integration tests and then deploying changes that pass the test

Answer: A

Question No : 11

Which of the following BEST describes what could be the result of misguided incentives?

- A. A silo culture
- B. A DevOps culture
- C. A blame culture
- D. A Lean culture

Answer: A

Question No : 12

Which of the following is NOT a result of pull?

- A. Production before a customer order

- B. Production based on a customer order
- C. Small buffer inventory
- D. Reduction of bottlenecks

Answer: A

Question No : 13

Consider the following statement

"A series of surface-level tests are being run by the development team to confirm that their build is ready for the quality assurance team."

Which of the following BEST describes the type of testing being referred to?

- A. Unit testing
- B. Regression testing
- C. Smoke testing
- D. Blackbox testing

Answer: A

Question No : 14

Which of the following is NOT a Key characteristic of a collaborative relationship type?

- A. Communication
- B. Cooperation
- C. Transparency
- D. Trust

Answer: C

Question No : 15

Which of the following BEST describes the DevOps release strategy that makes use of a launch in which a new feature is initially released to a small targeted group of users for testing under production conditions?

- A. Canary release