

Exam Questions 300-910

Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)

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NEW QUESTION 1

A DevOps engineer must validate the working state of the network before implementing a CI/CD pipeline model. Which configuration management tool is designed to accomplish this?

- A. Jenkins
- B. Genie CLI
- C. Travis CI
- D. Python YAML data libraries

Answer: A

NEW QUESTION 2

A CI/CD pipeline that builds infrastructure components using Terraform must be designed. A step in the pipeline is needed that checks for errors in any of the .tf files in the working directory. It also checks the existing state of the defined infrastructure. Which command does the pipeline run to accomplish this goal?

- A. terraform plan
- B. terraform check
- C. terraform fmt
- D. terraform validate

Answer: D

NEW QUESTION 3

A new version of an application is being released by creating a separate instance of the application that is running the new code. Only a small portion of the user base will be directed to the new instance until that version has been proven stable. Which deployment strategy is this example of?

- A. recreate
- B. blue/green
- C. rolling
- D. canary

Answer: D

NEW QUESTION 4

Which description of a canary deployment is true?

- A. deployment by accident
- B. deployment that is rolled back automatically after a configurable amount of minutes
- C. deployment relating to data mining development
- D. deployment to a limited set of servers or users

Answer: D

NEW QUESTION 5

What are two benefits of Infrastructure as Code? (Choose two.)

- A. It enables continuous integration.
- B. It allows for management control.
- C. It ensures consistency.
- D. It improves application monitoring.
- E. It reduces risk.

Answer: CE

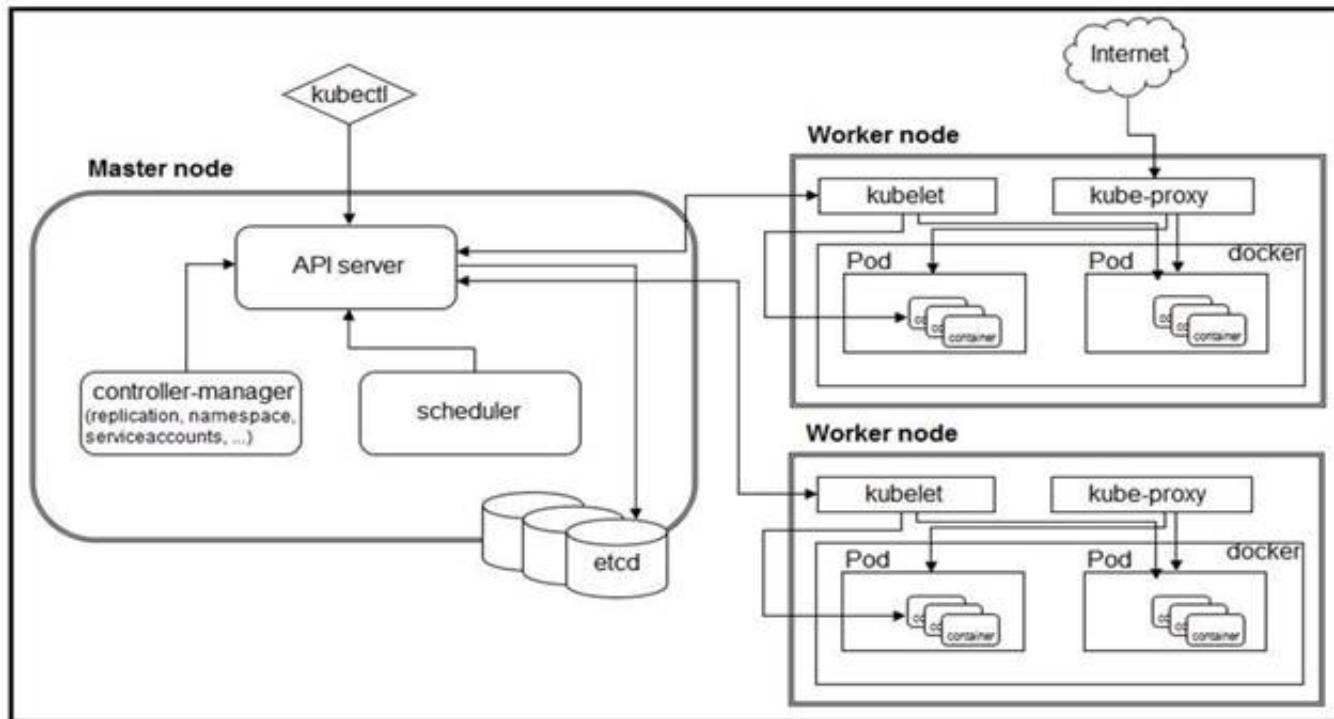
NEW QUESTION 6

An interface on a router as a Layer 3 link has been configured to another device by updating an Ansible playbook that is executed via a CI/CD pipeline. The Ansible playbook was written to push the configuration change using the ios_config module. Which automated test validates that the interface is functioning as it should?

- A. Add a pipeline step that runs the playbook a second typ
- B. If it does not modify the device on the second run, then the interface is correctly configured.
- C. Automated testing is already built in because the playbook execution is successful only after Ansible validates that it applied the change.
- D. Add a pipeline step that captures and parses the packet flow for the interface.
- E. Add a pipeline step that captures and parses the show ip interface output so that the operational state can be referenced.

Answer: B

NEW QUESTION 7



Refer to the exhibit. A developer needs to scale the existing pods within the worked nodes. Which object should be edited to achieve this goal?

- A. ReplicaSet
- B. PriorityClass
- C. Deployment
- D. Pod

Answer: A

NEW QUESTION 8

Which Kubernetes object is used to create a ClusterIP or NodePort?

- A. service
- B. pod
- C. deployment
- D. loadbalancer

Answer: A

NEW QUESTION 9

AppDynamics is being used to monitor your distributed Python application. Each individual container of the application is instrumented with an AppD agent. Which two configuration variables uniquely determine the module being monitored? (Choose two.)

- A. node
- B. app
- C. agent
- D. tier
- E. event

Answer: AB

NEW QUESTION 10

An end user is seeing long web page load times on the internal business application that they are trying to view. The user is seeing this issue across multiple web browsers, and other users encounter the same issue. Which action should the system administrator take to start looking for the cause of this issue?

- A. Check to make sure Nginx is running.
- B. Check for response times in Nginx logs.
- C. Check to make sure the web API response is coming back in JSON.
- D. Check the size of the database that the application is using.

Answer: B

NEW QUESTION 10

Which type of security testing should be performed as a part of a CI/CD pipeline by analyzing the source code itself without compiling the code into a running executable?

- A. Dynamic Application Security Testing
- B. Runtime Application Health-Protection
- C. Continuous Application Security Testing
- D. Static Analysis Security Testing

Answer: D

NEW QUESTION 14

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