Cisco

Exam Questions 300-910

Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)

NEW QUESTION 1
A company has experienced serious growth and the hosted applications are getting more and more hits. Based on the increased work load, applications have started to show signs of reduced performance, which is affecting the user experience.
Which two server metrics should be tracked to ensure that the customer experience remains within acceptable limits? (Choose two.)

A. application feature sprawl
B. CPU peak usage
C. CPU average usage
D. microservices count
E. CPU frequency

Answer: BC

NEW QUESTION 2
What is the purpose of using a build tool in software development?

A. It complies source code into binaries and executables.
B. It provides a way to edit source code using a graphical interface.
C. It is a manual process that is followed to build software.
D. It tracks bugs and incidents in a built application.

Answer: A

NEW QUESTION 3
What is the effective way to manage computing costs in a public cloud?

A. Monitor data transfers to minimize cost.
B. Use dedicated hardware for all instances.
C. Select the largest instance option available in order to pay for only one instance.
D. Make use of elastic services and scale on demand.

Answer: D

NEW QUESTION 4
Which two characteristics of a build tool that is used in an automated build pipeline? (Choose two.)

A. It runs unit tests against code that is committed.
B. It builds your software on the production environment.
C. It builds your software when changes are committed.
D. It builds your software every 500 milliseconds.
E. It must have a plug-in for Puppet and Maven.
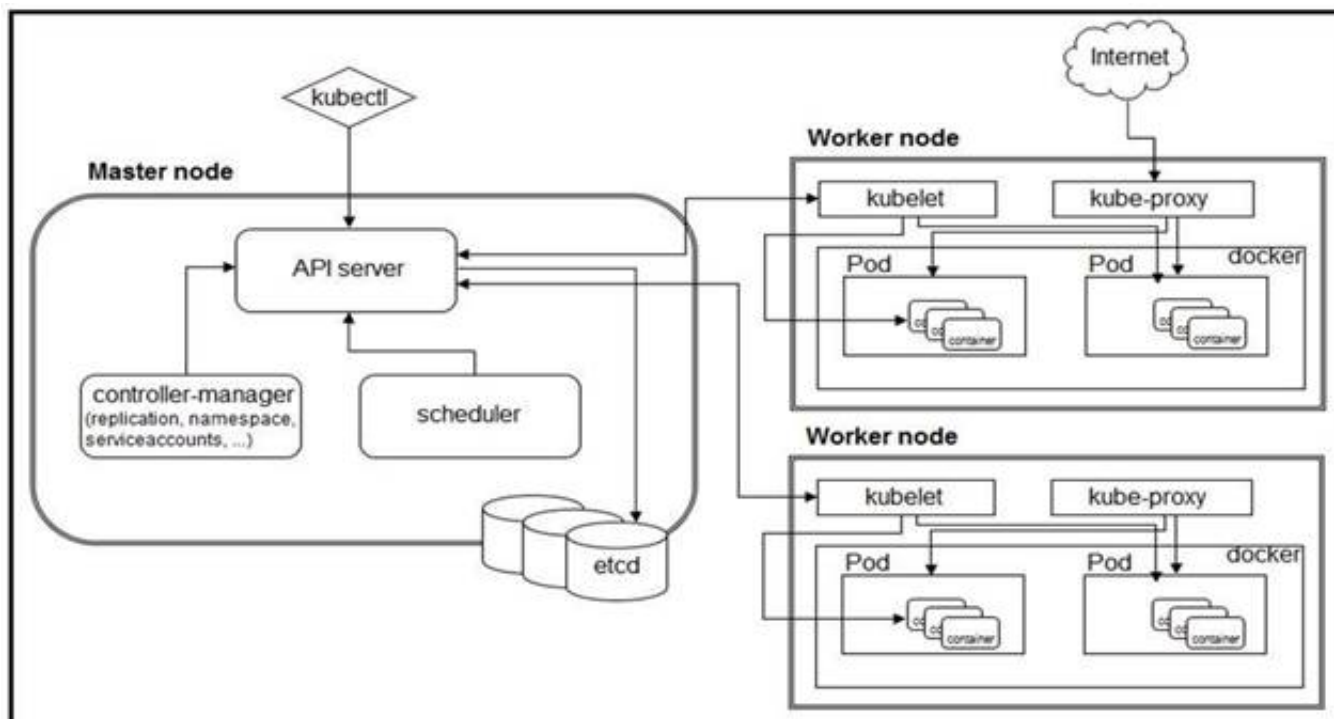
Answer: AC

NEW QUESTION 5
Which two statements about Infrastructure as Code are true? (Choose two.)

A. Test-driven development practices make use of Infrastructure as Code.
B. Infrastructure as Code refers to automated testing libraries.
C. DevOps builds upon Infrastructure as Code.
D. Infrastructure as Code is based on practices from software development.
E. Infrastructure as Code must use the same programming language as the application.

Answer: AD

NEW QUESTION 6

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 7
Which interface is most commonly used to integrate logging, monitoring, and alerting applications into your CI/CD pipeline?

A. AMQP
B. SNMP
C. SSH
D. REST

Answer: C

NEW QUESTION 8
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 9
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 two elements help to secure your API keys? (Choose two.)

A. ramdomness
B. SHA1
C. triple AES
D. rotation
E. dictionary

Answer: AC

NEW QUESTION 10
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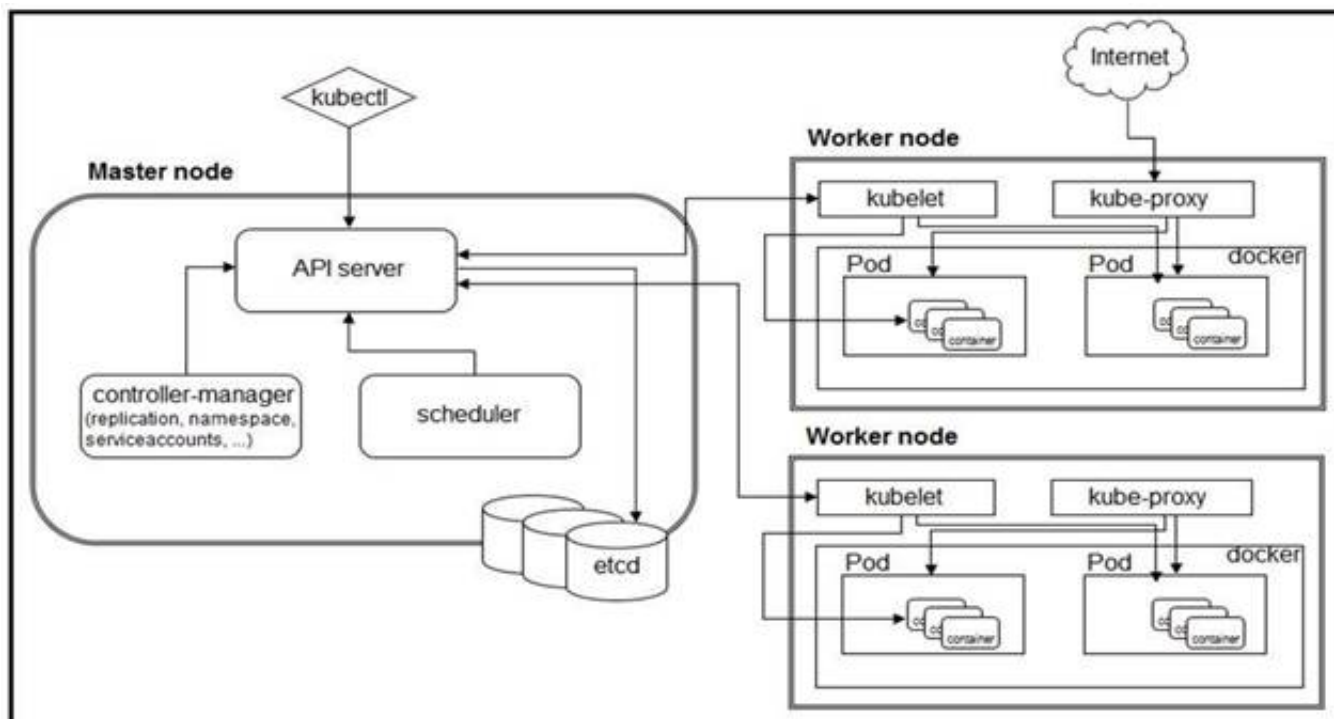E. It must have a plug-in for Puppet and Maven.

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