

DUMPS ARENA

Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)

Cisco 300-910

Version Demo

Total Demo Questions: 10

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Topic Break Down

Topic	No. of Questions
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QUESTION NO: 1

How long analysis systems such as Elasticsearch, Logstash, and Kibana Stack handle ingesting unstructured logs from different devices in various formats?

- A.** All devices that generate syslogs must use agents that process the local logs and transmit them in a specific format to the ELK Stack.
- B.** All logs are stored in their unstructured text format, and the ELK Stack performs data analysis by intelligently parsing the logs using machine learning algorithms.
- C.** All different message formats are parsed separately using custom filters, and the resulting structured data is stored for later analysis.
- D.** A single, comprehensive log format is defined on the ELK Stack. All incoming logs, regardless of format, are transformed to match the comprehensive format, and only applicable fields are populated.

ANSWER: D

QUESTION NO: 2 - (DRAG DROP)

DRAG DROP

Drag and drop the commands from the bottom onto the correct Terraform code in the exhibit to push a network object to a Cisco ASA Firewall device.

Select and Place:

Answer Area

```
 "ciscoasa" {  
  api_url      = "https://10.1.1.1"  
  username     = "admin"  
  password     = "cisco"  
  ssl_no_verify = false  
}  
  
 "ciscoasa_network_object" "ipv4host" {  
  name = "devops_host"  
  value = "10.2.3.4"  
}
```

- | | |
|---------------------------------------|---------------------------------------|
| <input type="text" value="task"/> | <input type="text" value="role"/> |
| <input type="text" value="provider"/> | <input type="text" value="module"/> |
| <input type="text" value="firewall"/> | <input type="text" value="resource"/> |

ANSWER:

Answer Area

```
provider      "ciscoasa" {  
  api_url      = "https://10.1.1.1"  
  username     = "admin"  
  password     = "cisco"  
  ssl_no_verify = false  
}  
  
resource      "ciscoasa_network_object" "ipv4host" {  
  name = "devops_host"  
  value = "10.2.3.4"  
}
```

- task
- role
- provider
- module
- firewall
- resource

Explanation:

QUESTION NO: 3 - (DRAG DROP)

DRAG DROP

The IaC configuration for an application is being deployed using a CI/CD pipeline. Drag and drop the steps for this pipeline from the left into the correct order that they would be executed on the right. Not all options are used.

Select and Place:

Answer Area

Integration test of the most recent configurations is performed.	step 1
The CI tool is notified of an update.	step 2
The code repository is updated by a user.	step 3
The pipeline notifies the repository to run tests.	step 4
The configuration changes are pushed to devices.	

ANSWER:

Answer Area

Integration test of the most recent configurations is performed.	The code repository is updated by a user.
The CI tool is notified of an update.	The CI tool is notified of an update.
The code repository is updated by a user.	The pipeline notifies the repository to run tests.
The pipeline notifies the repository to run tests.	The configuration changes are pushed to devices.
The configuration changes are pushed to devices.	

Explanation:

QUESTION NO: 4

Which two elements help to secure your API keys? (Choose two.)

- A. randomness
- B. SHA1
- C. triple AES

- D. rotation
- E. dictionary

ANSWER: A C

QUESTION NO: 5

What are two reasons a Docker golden image should be updated? (Choose two.)

- A. when there is a change to a username or password in the Docker secrets
- B. when the application has a new release
- C. when a fix for a security vulnerability is released
- D. when a change is needed to an environment variable in the Dockerfile
- E. when the base image is nearing the end of life

ANSWER: B C

QUESTION NO: 6

What is a capability of node-level logging in Kubernetes?

- A. Using the Kubernetes JSON logging driver enables log persistence
- B. Output that is written to stdin is retrieved by using kubectl
- C. Output that is written to stderr is not logged or retrievable by using kubectl
- D. Using the local logging driver of Docker enables log persistence

ANSWER: D

QUESTION NO: 7

A user wants to deploy a new service to a Kubernetes cluster. Which two commands accomplish this goal? (Choose two.)

- A. Apply
- B. Install
- C. Deploy
- D. Create

E. Expose

ANSWER: A E

QUESTION NO: 8

A developer is nearing the end of a software development cycle and is ready to deploy the software. The customer wants to continue using a secure software development lifecycle methodology and must plan for postproduction components. Which two areas should be the developer address? (Choose two.)

- A. performing code reviews
- B. requirement gathering
- C. change management process
- D. new code scanning
- E. rollback plans

ANSWER: A D

QUESTION NO: 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

QUESTION NO: 10

Which approach must be used to integrate DevOps practices into the team structure in an existing organization?

- A. Create a team that can deliver all the stages with active cooperation between the team members
- B. Create a team that can deliver all the stages with well-defined roles and a communication structure between team members

- C. Create a team for each stage with structured communication channels
- D. Create a team for each stage with active cooperation between the teams

ANSWER: A