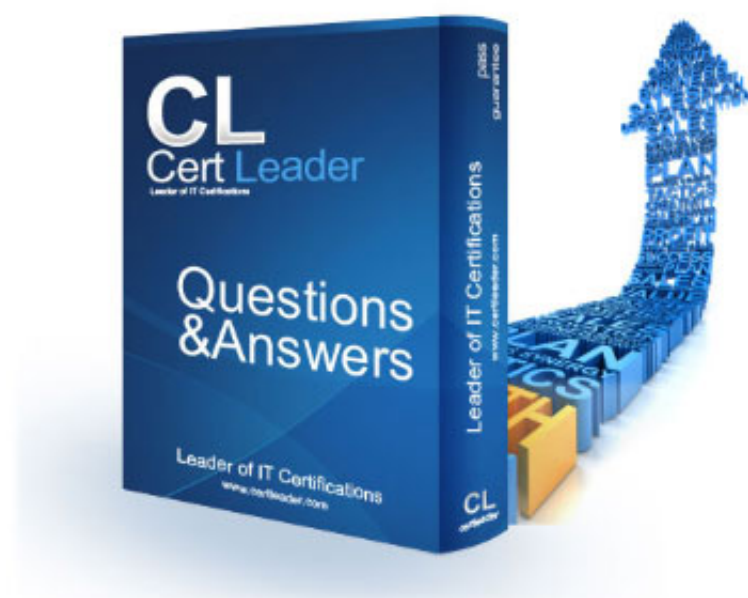


300-910 Dumps

Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)

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NEW QUESTION 1

Which two practices help make the security of an application a more integral part of the software development lifecycle? (Choose two.)

- A. Add a step to the CI/CD pipeline that runs a dynamic code analysis tool during the pipeline execution.
- B. Add a step to the CI/CD pipeline that runs a static code analysis tool during the pipeline execution.
- C. Use only software modules that are written by the internal team.
- D. Add a step to the CI/CD pipeline to modify the release plan so that updated versions of the software are made available more often.
- E. Ensure that the code repository server has enabled drive encryption and stores the keys on a Trusted Platform Module or Hardware Security Module.

Answer: AE

NEW QUESTION 2

Build Command

```
#!/bin/bash
# apt-get -y install python3-pip
# pip install --upgrade pip
rm -rf automationSandboxTest || true
git clone https://github.com/oborys/automationSanboxTest.git
export SEARCHPATH="$PWD/automationSanboxTest/"
for k in $(cat $SEARCHPATH/requiriements.txt | cut -d '>' -f 1 | cut -d '<' -f 1
                                     | cut -d '=' -f 1)
do
    python -m pip install $k
done
echo
for k in $(find $SEARCHPATH -name *.py)
do
    echo > msg.txt
    python $k > /dev/null 2> msg.txt || true
    export CODE=$(grep -c ^ msg.txt)
    if [ $CODE != 0 ]
    then
        echo "File: $k" >> error.message.txt
        cat msg.txt >> error_message.txt
        echo >> error.message.txt
    fi
done
rm -rf msg.txt || true
cat error_message.txt
if [ $(cat error_message.txt | wc -l) != 0 ]
then
    exit 1
fi
```

Refer to the exhibit. How should the Jenkins job be troubleshooted based on the error provided?

- A. Verify what the responding file created.
- B. Update pip.
- C. Install dependencies.
- D. Place the code in a container and run the job again.

Answer: A

NEW QUESTION 3

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 4

Which two actions help limit the attack surface of your Docker container? (Choose two.)

- A. Run only a single service in each container.
- B. Run all services in a single image.
- C. Use version tags for base images and dependencies.
- D. Use Kali Linux as a base image.
- E. Download images over HTTPS supporting sites.

Answer: CE

NEW QUESTION 5

A DevOps engineer has built a container to host a web-server and it must run as an executable. Which command must be configured in a Dockerfile to accomplish this goal?

- A. ENTRYPOINT <usr/sbin/apache2ctl>
- B. ENTRYPOINT ["/usr/sbin/apache2ctl", "-D", "FOREGROUND"]

- C. ENTRYPOINT ["BACKGROUND", "-D", "/usr/sbin/apache2ctl"]
D. ENTRYPOINT {usr/sbin/apache2ctl}

Answer: B

NEW QUESTION 6

```
Traceback (most recent call last):
  File "api-call.py", line 1, in <module>
    import requests
  File "/Users/devnet/venv/devops/lib/python3.7/site-packages/requests/_init_.py", line 43, in <module>
    import urllib3
ModuleNotFoundError: No Module named 'urllib3'
```

Refer to the exhibit. What is the reason for this error message?

- A. The required dependencies for the urllib3 module are not installed.
B. The requests module is not installed.
C. The required dependencies for the requests module are not installed.
D. The site-packages directory has been corrupted.

Answer: B

NEW QUESTION 7

ConfigMap keys have been mapped to different file names using the volumes.configMap.items field. What is the result if a wrong ConfigMap key is specified?

- A. The default path is not used.
B. The volume is not created.
C. The volume is created.
D. The volume is created with errors.

Answer: A

NEW QUESTION 8

When DevOps practices are integrated into an existing organization, which two characteristics are positive indicators of DevOps maturity? (Choose two.)

- A. mean time between success
B. mean time to recover
C. cone testing
D. change lead time
E. age of codebase

Answer: BD

NEW QUESTION 9

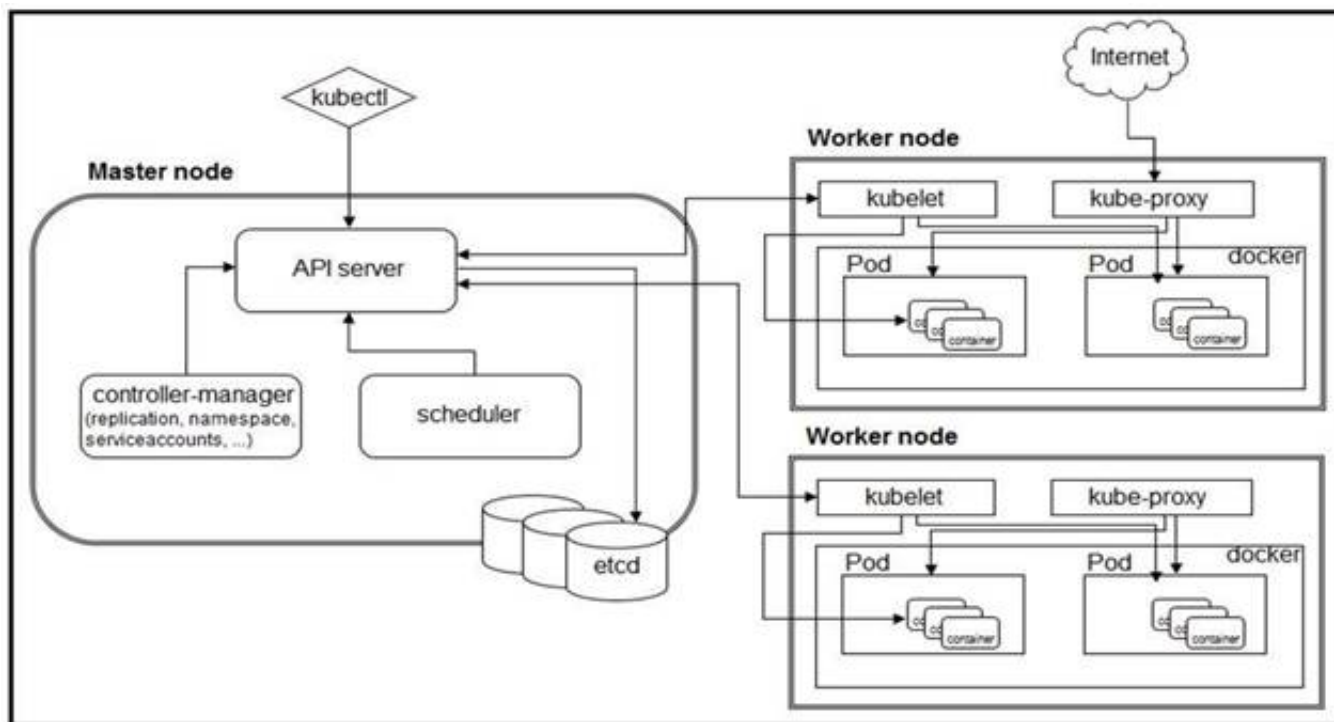
```
TASK [Print the contents of the "show_ip_int_brief" variable]
*****
ok: [ios-xe-mgmt.cisco.com] => {
  "show_ip_int_brief": {
    "changed": false,
    "failed": false,
    "stdout" [
      "Interface          IP-Address      OK?  Method Status
Protocol\nGigabitEthernet1  10.10.20.48     YES  NVRAM   up      up
\nGigabitEthernet2      10.10.10.18     YES  other   up      up  \nGigabitEthernet3
13.13.13.13      Yes  other   up      up"
    ],
    "stdout_lines": [
      [
        "Interface          IP-Address      OK?  Method  Status      Protocol",
        "GigabitEthernet1    10.10.20.48     YES  NVRAM   up          up",
        "GigabitEthernet2    10.10.10.18     YES  other   up          up",
        "GigabitEthernet3    13.13.13.13     YES  other   up          up"
      ]
    ]
  }
}
```

Refer to the exhibit. The exhibit shows the output of an Ansible task that prints the contents of the show_ip_int_brief variable that was registered in a different task in the playbook. Which expression is used to print the output of the command without its header row?

- A. show_ip_int_brief['stdout_lines'][0]
B. show_ip_int_brief['stdout_lines'][1:]
C. show_ip_int_brief['stdout_lines'][0][1:]
D. show_ip_int_brief['stdout_lines']

Answer: B

NEW QUESTION 10



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 10

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

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

Answer: A

NEW QUESTION 13

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: AE

NEW QUESTION 15

Which step must be taken to enable centralized logging in a Kubernetes environment?

- A. No steps need to be take
- B. The master node automatically aggregates logs from all worker nodes and stores them on the specified persistent volume.
- C. Create a CustomResourceDefinition in each deployment that specifies the IP or names the log collector.
- D. Deploy a sidecar node that aggregates logs from the entire cluster.
- E. Create a DaemonSet that deploys a container with a logging agent on every node in the cluster.

Answer: C

NEW QUESTION 18

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 20

What are two advantages of using Configuration Management Tools? (Choose two.)

- A. reduction in policy violations caused by human errors
- B. reduction in administration costs
- C. reduction in network changes already performed automatically
- D. reduction of on-premises networking equipment
- E. reduction in networking team skills

Answer: BC

NEW QUESTION 23

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 28

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
- E. All incoming logs, regardless of format, are transformed to match the comprehensive format, and only applicable fields are populated.

Answer: D

NEW QUESTION 33

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: AC

NEW QUESTION 36

What is as responsibility for teams running private cloud servers that is less of a concern when running in the public cloud?

- A. cost
- B. metrics and monitoring
- C. hardware maintenance
- D. credentials management

Answer: D

NEW QUESTION 40

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