Cisco

Exam Questions 300-910

Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)

NEW QUESTION 1
Configuration changes to the production network devices are performed by a CI/CD pipeline. The code repository and the CI tool are running on separate servers. Some configuration changes are pushed to the code repository, but the pipeline did not start.
Why did the pipeline fail to start?

A. The CI server was not configured as a Git remote for the repository.
B. The webhook call from the code repository did not reach the CI server.
C. Configuration changes must be sent to the pipeline, which then updates the repository.
D. The pipeline must be started manually after the code repository is updated.

Answer: C

NEW QUESTION 2
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: BC

NEW QUESTION 3
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 4
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 5

```
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 6
Which Kubernetes object is used to create a ClusterIP or NodePort?

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

Answer: A

NEW QUESTION 7
To make logging searches more efficient and useful in Kibana, an Administrator wants to implement index patterns around the hostname of some software systems. Where should this be configured?

A. Configure a new JSON object in Kibana.
B. Create a search index in Logstash.
C. Create an index pattern in Kibana.
D. Create a time filter on Kibana to look at time only.

Answer: C

NEW QUESTION 8
The E-commerce application is being monitored using AppDynamics. AppDynamics has noticed that the application response has degraded and has identified some thread contention that might be the cause of the delays.
Where in the interface does AppDynamics bring this to your attention?

A. Potential Issues section of an individual transaction
B. Transaction Score graph of a business transaction
C. Code Deadlock section of the Event List
D. Slow Calls and Errors tab of the application

Answer: A

NEW QUESTION 9
Which method is a safe way to provide a username/password combination to an application running as a service in a Docker container?

A. encode the value with base64 in a secure DNS CTEXT entry
B. as an environment variable in the Dockerfile
C. Docker environment variable
D. Docker secrets

Answer: D

NEW QUESTION 10
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 10
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