



**Free Questions for 350-901 by certscare**

**Shared by Lewis on 15-04-2024**

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## Question 1

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**Question Type:** MultipleChoice

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A developer is deploying an application to automate the configuration and management of Cisco network switches and routers. The application must use REST API interface to achieve programmability. The security team mandates that the network must be protected against DDoS attacks. What mitigates the attacks without impacting genuine requests?

### Options:

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- A- traffic routing on the network perimeter
- B- firewall on the network perimeter
- C- API rate limiting at the application layer
- D- IP address filtering at the application layer

### Answer:

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B

## Question 2

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**Question Type: MultipleChoice**

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A developer must deploy a containerized application for network device inventory management. The developer sets up a Kubernetes cluster on two separate hypervisors. The SLA is not currently meeting a specified maximum value for network latency/jitter. CPU/memory and disk I/O are functioning properly.

Which two design approaches resolve the issue? (Choose two.)

**Options:**

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- A- Upgrade the server NIC card.
- B- Colocate services in the same pod.
- C- Enable IPv6 within the cluster
- D- Replace the HDD drives with SSD drives.
- E- Deploy the cluster to a bare metal server.

**Answer:**

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A, B

**Question 3**

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**Question Type: MultipleChoice**

Refer to the exhibit. A developer wants to automatically deploy infrastructure for a containerized application. A .gitlab-ci.yml file must describe a pipeline that builds a container based on a supplied Dockerfile and executes an Ansible playbook on the configured container. What must be added where the code S missing to complete the script?

```
1  image: docker:19.03.1
2  services:
3    - name: docker:19.03.1-dind
4
5  stages:
6    - build_container
7    - get_config
8
9  variables:
10   DOCKER_DRIVER: overlay2
11   DOCKER_TLS_CERTDIR: ""
12   ANSIBLE_HOST_KEY_CHECKING: "False"
13
14  Build container and install Dependencies:
15   stage: build_container
16   before_script:
17     - docker info
18     - docker login registry.gitlab.com -u "$DOCKER_USERNAME" -p
19     * "$DOCKER_PASSWORD"
20   script:
21     - docker build . -t registry.gitlab.com/$DOCKER_USERNAME/$DOCKER_REPOSITORY
22     - docker run -t -d --rm --name nettest registry.gitlab.com/
23     * $DOCKER_USERNAME/$DOCKER_REPOSITORY
24     - docker commit nettest registry.gitlab.com/$DOCKER_REPOSITORY
25   after_script:
26     - 
27
28  Connect to Cisco Sandbox and backup config:
29   image: registry.gitlab.com/$DOCKER_USERNAME/$DOCKER_REPOSITORY
30   stage: get_config
31   script:
32     - ansible-playbook gather_and_process_configs.yml -i inventory
```

A)

```
docker assign nettest
registry.gitlab.com/DOCKER USERNAME/$DOCKER REPOSITORY
```

B)

```
docker info registry.gitlab.com/$DOCKER REPOSITORY
```

C)

```
docker logout registry.gitlab.com
```

D)

```
docker push registry.gitlab.com/
$DOCKER USERNAME/$DOCKER REPOSITORY
```

### Options:

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A- Option A

B- Option B

C- Option C

D- Option D

**Answer:**

---

D

## Question 4

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**Question Type:** MultipleChoice

---

What are two benefits of using a centralized logging service? (Choose two.)

**Options:**

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- A-** reduces the time required to query log data across multiple hosts
- B-** reduces the loss of logs after a single disk failure
- C-** improves application performance by reducing CPU usage
- D-** improves application performance by reducing memory usage
- E-** provides compression and layout of log data

**Answer:**

---

A, E

## Question 5

Question Type: DragDrop

Drag and drop the code from the bottom onto the box where the code is missing to construct a contact tracking application that dynamically returns all the Bluetooth clients on a given Meraki network. Not all options are used.

```
import   
  
headers = {  
    'Content-Type': 'application/json',  
    'Accept': 'application/json',  
    'X-Cisco-Meraki-API-Key': '95f9m40h87km'  
}  
  
mynetworkID = 'K_73540883661'  
  
def getClient(networkID):  
    url = "https://api.meraki.com/api/v1/networks/"  
    +  + "/" +  + "  
    response = requests.request("GET", url, headers=headers)  
    for client in response.json():  
        results.append(client)  
    while 'next' in response.links:  
        url = response.links['next']['url']  
        response = requests.request("GET", url, headers=headers)  
        for client in response.json():  
            results.append(client)  
    return results
```

Answer

## Question 6

Question Type: DragDrop

Refer to the exhibit.

clientID	lients	ts	bluetoothClients	clientID
endpoints	networkID	son	endpoints	

10 Bluetooth clients

A paginated endpoint in the API accepts in 3 special query parameters:

- perPage: The number of entries to be returned in the page (the current request)

```
import requests
URL = 'https://api.meraki.com/api/v0/networks/NETWORK/'
r = requests.get(URL + '?perPage=10&endingBefore=clients.macfore')
print(r.text)
```

clients.macfore	10&endingBefore	clients.mac
bluetooth	r.text	bluetooth

Answer:

ata we return in this request will start

a we return in this request will end

However, they typically fall into 2

sed on time. In other words, each entry  
xed number of these entries based on the

value of the perPage parameter. We use timestamps as the "boundaries" between pages.

### Question 7

Question Type: DragDrop

For example, the current page might contain entries with timestamps ranging from exactly 2 days ago to exactly 1 day ago. The previous page might be referred to by { endingBefore: <2 days ago> }, and the next page might be referred to by { startingAfter: <1 day ago> }

Drag and drop the components from the left into the order on the right to create the flow of the three-legged OAuth2.

API	API	component 1
user	user	component 2
application	application	component 3

Answer:

### Question 8

Question Type: DragDrop



Drag and drop the code from the bottom onto the box where the code is missing to create a new IKEv2 policy Not all options are used

Answer:

### Question 9

Question Type: Drag Drop

Drag and drop the code from the bottom onto the box where the code is missing to stop the REST API requests if a 'Too Many Requests' response is received Not all options are used.

```
import requests, json

BASE_URL = 'https://ftd.example.com/api/fdm/latest'
url = 
token = 'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXLTUyLWVudC0yNTYiLCJ1aWkiOiJ1aWki'

payload = {
    'name': 'DEVNET_IKEV2',
    'enabled': True,
    'priority': 0,
    'type': 
    'cipherTypes': ['AES_GCM256', 'AES256']
}

headers = {
    'Authorization': ,
    'Content-Type': 'application/json'
}

response = requests.request(, url,
                           headers=headers, data=json.dumps(payload))
print(response.text.encode('utf8'))
```

- 
- 
- 
-

```
max_attempts = 10

while attempts < max_attempts:
    response = requests.get(request_url, headers =
    {"Authorization": "Bearer " + api_token})

    if [ ] .status_code != [ ] :
        break

    [ ]

    attempts = attempts + 1
```

Answer:

## Question 10

Question Type: MultipleChoice

10 response.status_code);_code)	10
Refer to the exhibit. response 440	response
random.random() > m.random()	429

```
Running with gitlab-runner 12.9.0-rc1 (a350f628)
  on docker-auto-scale fa6cab46
Preparing the "docker+machine" executor
00:14
  Using Docker executor with image alpine:3.10 ...
  Pulling docker image alpine:3.10 ...
  Using docker image
sha256:5e35e350aded98340bc8fcb0ba392d809c807bc3eb5c618d4a0674d98d88bccd for
alpine:3.10...
$ eval "$CI_PRE_CLONE_SCRIPT"
  * [new ref]          refs/pipelines/125695607 -> refs/pipelines/125695607
  * [new branch]      development              -> origin/development
Checking out 65702af3 as development...
Skipping Git submodules setup
Restoring cache
00:01
Downloading artifacts
00:02
Running script from Job
00:01
  $ python3 --version
  /usr/bin/bash: line 94: python3: command not found
Running after script
00:02
Uploading artifacts for failed job
00:01
  ERROR: Job failed: exit code 1
```

Refer to the exhibit. Which action resolves the error for the GitLab CI/CD pipeline execution?

**Options:**

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- A- Download the correct artifacts by specifying them in GitLab.
- B- Use the python:3.9.0a4-alpine3.10 Docker image
- C- Install the missing python libraries via pip3.
- D- Add the absolute path to the python3 executable

**Answer:**

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B

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