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## Question 1

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**Question Type:** MultipleChoice

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A developer has built a Docker image named 'devcor73f3e94529V' using the Dockerfile named 'devcor42f5e464771' and now needs to containerize it. Which command must the developer use?

**Options:**

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- A- docker run -name devcor73f3e945291 -i -t devcorapp
- B- docker run -name devcorapp i -t devcor73f3e945291
- C- docker build --name devcorapp -i devcor73f3e945291
- D- docker build -name devcor73f3e945291 -i devcorapp

**Answer:**

---

B

## Question 2

---

**Question Type:** MultipleChoice

---

Refer to the exhibit.

```
response = requests.post(url)
```

```
backoff = 5  
time.sleep(int(backoff))  
response = requests.post(url)  
while response.status_code != 200 and backoff < 80:  
    backoff *= 2  
    time.sleep(int(backoff))  
    response = requests.post(url)  
else:  
    continue
```

An engineer needs to implement REST API error handling when a timeout or rate limit scenario is present. Which code snippet must be placed into the blank in the code to complete the API request?

A)

```
if response.status_code == 429:
    wait = response.headers.get('Retry-After', 99)
    print(f'-> got {response.status_code} from {url}. retrying after {wait}s')
    time.sleep(int(wait))
    response = requests.post(url)
elif response.status_code == 408:
```

B)

```
if response.status_code == 401:
    wait = response.headers.get('Retry-After', 99)
    print(f'-> got {response.status_code} from {url}. retrying after {wait}s')
    time.sleep(int(wait))
    response = requests.post(url)
elif response.status_code == 408:
```

C)

```
if response.status_code == 408:
    wait = response.headers.get('Retry-After', 99)
    print(f'-> got {response.status_code} from {url}. retrying after {wait}s')
    time.sleep(int(wait))
    response = requests.post(url)
elif response.status_code == 429:
```

D)

```
if response.status_code == 429:
    wait = response.headers.get('Retry-After', 99)
    print(f'-> got {response.status_code} from {url}. retrying after {wait}s')
    time.sleep(int(wait))
    response = requests.post(url)
elif response.status_code == 401:
```

### Options:

---

- A- Option A
- B- Option B
- C- Option C
- D- Option D

### Answer:

---

A

## Question 3

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Question Type: MultipleChoice

---

Refer to the exhibit.

```
1 def init_tracer(service):
2     logging.getLogger('').handlers = []
3     logging.basicConfig(format='%(message)s', level=logging.DEBUG)
4     config = Config(
5         config={'sampler': {'type': 'const', 'param': 1}, 'logging': True,},
6         service_name=service,)
7     return config.initialize_tracer()
8
9 base_url = 'https://sandboxdnac.cisco.com/'
10
11     try:
12         dnac = DNACenterAPI(username='devnetuser', password='Cisc0123!',
13                             base_url=base_url, version='1.3.3',
14                             *
15                             verify=False)
16         print('auth passed')
17     except Exception as e:
18         print('failed')
19
20     try:
21         devices = dnac.devices.get_device_list()
22         devices = devices['response']
23
24         devices = [device['hostname'] for device in devices]
25         print(devices)
26     except Exception as e:
27         print('Failed to list devices')
```

An application is created to serve the needs of an enterprise. Slow performance now impacts certain API calls, and the application design lacks observability. Which two commands improve observability and provide an output that is similar to the sample output? (Choose two.)

A)

```
dnac-tracer3 = init_tracer('dnac-tracer3')
```

B)

```
with dnac-tracer3.start_span('dnac-api-calls') as span:
```

C)

```
with tracer.start_span('dnac-api-calls') as span:
```

D)

```
dnac-tracer3.start_span('dnac-api-calls') as span:
```

E)

```
tracer = init_tracer('dnac-tracer3')
```

### Options:

---

A- Option A

B- Option B

**C-** Option C

**D-** Option D

**E-** Option E

**Answer:**

---

C, E

## **Question 4**

---

**Question Type:** MultipleChoice

---

Refer to the exhibit.



```
import requests
import getpass

device_list = ['192.168.243.1', '192.168.243.2']
port = "8080"

username = input("Enter Username -->")
password = getpass.getpass(prompt="Enter Password: ->")

for device in device_list:
    

    headers = {'Content-Type': 'application/vnd.yang.data+json', \
               'Accept': 'application/vnd.yang.data+json'}

    response = requests.get(url, auth=(username, password), \
                           headers=headers, verify=False)

    print(f"Interfaces present on {device}:")
    for interfaces in response.json():
        print(f"{interfaces}")
```

Cisco IOS XE switches are used across the entire network and the description that is filed for all interfaces must be configured. Which code snippet must be placed in the blank in the script to leverage RESTCONF to query all the devices in the device list for the interfaces that are present?

A)

```
url="http://" + device + ":" + port + "/api/running/  
interfaces"
```

B)

```
url="http://" + device + ":" + port + "/api/running/  
interfaces/interface"
```

C)

```
url="http://" + device + ":" + port + "/api/running/  
interfaces/interface/name"
```

D)

```
url=http://f"{device_list}+{port}/api/running/  
interfaces"
```

### Options:

---

A- Option A

B- Option B

C- Option C

D- Option D

**Answer:**

---

A

## Question 5

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**Question Type: MultipleChoice**

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A developer corrects an application bug with ID bugIDa98416945110x and then installs it on a Cisco Catalyst 9300 series switch. Which command will enable the application called myapp?

**Options:**

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A- app-hosting install appid myapp package usbflash1:myapp.tar

B- app-hosting run re-start appid my app bugfix

C- app-hosting activate appid myapp

D- app-hosting start appid myapp

**Answer:**

---

D

## Question 6

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**Question Type:** MultipleChoice

---

Which transport layer protocol does gRPC use to retrieve telemetry information?

**Options:**

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A- SSH

B- SNMP

C- TCP

D- HTTP/2

**Answer:**

---

D

## Question 7

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### Question Type: MultipleChoice

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Refer to the exhibits. Which data payload completes the CURL command to run the create port object API call In Cisco Firepower Threat Defense?

```
curl -X POST \  
--header "Accept: application/json" \  
--header "Authorization: Bearer ${ACCESS_TOKEN}" \  
--header "Content-Type: application/json" \  
-d '{  
    }' \  
https://${HOST}:${PORT}/api/fdm/v3/object/icmpv4ports
```

Refer to the exhibits. Which data payload completes the CURL command to run the create port object API call In Cisco Firepower Threat Defense?

A)

```
"icmpv4Type": "ANY",  
"name": "string",  
"type": "icmpv4portobject"
```

B)

```
"description": "This is an ICMP Echo",  
"icmpv4Code": "8",  
"icmpv4Type": "Echo",  
"isSystemDefined": true,  
"name": "ICMP Echo",  
"version": "2.2"
```

C)

```
"description": "string",  
"icmpv4Code": "ANY_IPV4",  
"icmpv4Type": "ANY",  
"id": "string",  
"isSystemDefined": "string",  
"name": "string",  
"type": "icmpv4portobject",  
"version": "string"
```

D)

```
"description": "string",  
"icmpv4Code": "ANY_IPV4",  
"icmpv4Type": null,  
"isSystemDefined": true,  
"name": "string",  
"type": "icmpv4portobject"
```

Options:

---

A- Option A

B- Option B

C- Option C

D- Option D

**Answer:**

---

A

## Question 8

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**Question Type:** MultipleChoice

---

Cisco sensorBase gathers threat information from a variety of cisco products and services and performs analytics on threats. Which term describes this process?

**Options:**

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A- consumption

B- deployment



C- sharing

D- authoring

**Answer:**

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C

## Question 9

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**Question Type: MultipleChoice**

---

Which kind of API that is used with Cisco DNA Center provisions SSIDs, QoS policies, and update software versions on switches?

**Options:**

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A- Event

B- Multivendor

C- Integration

D- Intent

**Answer:**

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A

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