



# 350-901<sup>Q&As</sup>

Developing Applications Using Cisco Core Platforms and APIs  
(DEVCOR)

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### QUESTION 1

An application must be able to print the values of the variables in specific modules. Different message levels will be used for production and for development. Proof of access and activity must be documented. What must be included in the implementation to support these observability requirements?

- A. print
- B. metrics
- C. logging
- D. streaming

Correct Answer: C

### QUESTION 2

Refer to the exhibit.

```
import requests
import time
import json

class Connection:
    def __init__(self, config):
        self._config = config
        self._session = None
        self._retries = 0
        self._MAX_RETRIES = 12

    def _setupSession(self):
        self._retries = 0
        if self._session is None:
            self._session = requests.Session()
        return

    def get(self, url, params=None):
        self._setupSession()
        resp = self._session.get(self._config.host + url, verify=False, params=params)
        if resp.status_code == 200:
            return json.loads(resp.content.decode('utf-8'))
            
        self._retries += 1
        exp_backoff = (2**(self._retries+3))/1000
        time.sleep(exp_backoff)
        self.get(url=url, params=params)
        return resp
```

A network engineer must integrate error handling for time-outs on network devices using the REST interface. Which line of code needs to be placed on the snippet where the code is missing to accomplish this task?

- A. `elif resp.status_code == 429 or self._retries`



- B. elif resp.status\_code == 404 or self, retries
- C. elif resp.status\_code == 429 and self .retries
- D. elif resp.status\_code == 404 and self.\_retries

Correct Answer: C

---

### QUESTION 3

A cloud native project is being worked on in which all source code and dependencies are written in Python, Ruby, and/or JavaScript. A change in code triggers a notification to the CI/CD tool to run the CI/CD pipeline. Which step should be omitted from the pipeline?

- A. Deploy the code to one or more environments, such as staging and/or production.
- B. Build one of more containers that package up code and all its dependencies.
- C. Compile code.
- D. Run automated tests to validate the correctness.

Correct Answer: C

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### QUESTION 4

DRAG DROP

Refer to the exhibit above and click on the Meraki Resources tab in the top left corner to view Meraki documentation to help with this question. Drag and drop the parts of the Python code from the left onto the item numbers on the right that match the missing sections in the exhibit to enable an SSID. Not all code parts are used.



```
def set_ssid_settings(network_id, wireless_name, wireless_password):
    """Configure an SSID to use the External Captive Portal."""
    base_url = "https://api.meraki.com/api/v0/"
    response = requests.put(
        base_url + "/" + Item 1 + "/" + Item 2 + "/" + Item 3 + "/0",
        headers={
            "X-Cisco-Meraki-API-Key": MERAKI_API_KEY,
            "Content-Type": application/json"
        },
        json={
            "number": 0,
            "name": wireless_name,
            "enabled": True,
            "splashPage": "Item 4",
            "ssidAdminAccessible": False,
            "authMode": "Item 5",
            "psk": wireless_password,
            "encryptionMode": "wpa",
            "wpaEncryptionMode": "WPA2 only",
            "ipAssignmentMode": "Bridge mode",
            "useVlanTagging": False,
            "walledGardenEnabled": True,
            "walledGardenRanges": "Item 6",
            "minBitrate": 11,
            "bandSelection": "Item 7",
            "perClientBandwidthLimitUp": 0,
            "perClientBandwidthLimitDown": 0
        },
    )
    response.raise_for_status()
```

Select and Place:



ssids	<item 1>
org_id	<item 2>
networks	<item 3>
network_id	<item 4>
192.168.0.1/32	<item 5>
Click-through splash page	<item 6>
5 GHz band only	<item 7>
psk	
organizations	

Correct Answer:



	networks
org_id	network_id
	ssids
	Click-through splash page
	psk
	192.168.0.1/32
	5 GHz band only
organizations	

**QUESTION 5**

Refer to the exhibit.



```
module: Cisco-IOS-XE-native
  +--rw native
    +--rw interface
      | +--rw GigabitEthernet* [name]
      | | +--rw name string
      | | +--rw media-type? enumeration
      | | +--rw port-type? enumeration
      | | +--rw description? string
      | | +--rw switchport-conf
      | | | +--rw switchport? boolean
      | | +--rw switchport (ios-features:switching-platform)?
      | | +--rw stackwise-virtual
      | | | +--rw link? uint8
      | | | +--rw dual-active-detection? empty
      | | +--rw mac-address? string
      | | +--rw shutdown? empty
      | | +--rw arp
      | | | +--rw timeout? uint32
```

Interface Loopback 1 must be created with IP address 10.30.0.1/24 in a Cisco IOS XE device using RESTCONF. The schema that is defined by the exhibit must be used. Which body and URI should be used for this operation?



A.

```
PUT
/restconf/data/Cisco-IOS-XE-native:native/interfaces
{
  "Loopback": [{
    "name": "1",
    "description": "Loopback 1 - description",
    "ip": {
      "address": {
        "primary": { "address": "10.30.0.1",
          "mask": "255.255.255.0" }
      }
    }
  ]
}
```

B.

```
POST
/restconf/data/Cisco-IOS-XE-native:native/interfaces
{
  "Loopback": [{
    "name": "1",
    "description": "Loopback 1 - description",
    "ip": {
      "address": {
        "primary": { "address": "10.30.0.1",
          "mask": "24" }
      }
    }
  ]
}
```

C.

```
POST
/restconf/data/Cisco-IOS-XE-native:native/interface
{
  "Loopback": [{
    "name": "1",
    "description": "Loopback 1 - description",
    "ip": {
      "address": {
        "primary": { "address": "10.30.0.1",
          "mask": "255.255.255.0" }
      }
    }
  ]
}
```

D.

```
PUT
/restconf/data/Cisco-IOS-XE-native:native/interface
{
  "Loopback": [{
    "name": "1",
    "description": "Loopback 1 - description",
    "ip": {
      "address": {
        "primary": { "address": "10.30.0.1",
          "mask": "24" }
      }
    }
  ]
}
```

A. B. C. D.

Correct Answer: A