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QUESTION 1

```
{
  "alertData": {
    "countNode": 1,
      "bssids": [
       "aa:bb:cc:dd:ee:ff",
       "11:22:33:44:55:66"
      ],
      "minFirstSeen": 1548512334,
      "maxLastSeen": 1548512802,
      "countIsContained": 0,
      "reason": "Seen on LAN",
      "wiredMac": "aa:bb:cc:dd:ee:f0"
  },
  "alertId": "6293780047939282802",
  "alertType": "Air Marshal -Roque AP detected",
  "occuredAt": "2019-01-26T14:18:54.000000Z",
  "organizationId": "123456",
  "organizationName": "Organization",
  "organizationUrl": "https://n1.meraki.com/o/.../manage/organization/overview",
  "networkId": "L_1234567890123456 78",
  "networkName": "Network",
  "networkUrl": "https://n1.meraki.com/.../manage/nodes/list",
  "version": "0.1"
  "SharedSecret": "supersecret",
  "sentAt: "2019-01-26T14:35:20.442869Z",
}
```

Refer to the exhibit. The goal is to write a Python script to automatically send a message to an external messaging application when a rogue AP is detected on the network. The message should include the broadcast SSID that is in the alert.

A function called "send_to_application" is created, and this is the declaration:

send_to_application(message)

The exhibit also shows the data that is received by the application and stored in the variable return_val. Which Python code completes the task?

```
A.  bssids =return_val["bssids"]
    for number in range(return_val["alertData"]["countNode"]):
        send_to_application ("ALERT: detected a bssid on the
        network: "+ return_val["alertData"][bssids][number])

B.  bssids =return_val["bssids"]
    for value in bssids:
        send_to_application ("ALERT: detected a bssid on the
        network: "+value)

C.  count = retutn_val["alertData"]["countNode"]
    bssids =return_val["alertData"][count]["bssids"]
    for value in bssids:
        send_to_application ("ALERT: detected a bssid on the
        network: "+value)

D.  bssids =return_val["alertData"]["bssids"]
    for value in bssids:
        send_to_application ("ALERT: detected a bssid on the
        network: "+value)
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

For number in range value is required for the application to send the alert. Bssids are also included.

QUESTION 2

"https://vmanage-ip-address:8443/dataservice/template/policy/vsmart/activate/{policyId}"

Refer to the exhibit. A Python script must be created to deactivate vSmart Policy Cisco SD-WAN vManage Configuration APIs. The documentation states the URL is as shown in the exhibit for this REST call using POST, and that "policyId" is a required request parameter. Which line of Python code makes this call, assuming the variable "s" is a valid Requests session object and the variable "policy-id" is the policyId?

A. s.port(`https://vmanage:8443/dataservice/template/policy/vsmart/activate?policyId=%s\\' % policy_id)

B. s.port(`https://vmanage:8443/dataservice/template/policy/vsmart/activate/%s\\' % policy_id)

C. s.port(`https://vmanage:8443/dataservice/template/policy/vsmart/activateandpolicyId=%s\\' % policy_id)

D. s.port(`https://vmanage:8443/dataservice/template/policy/vsmart/activate/\\', data = {`policyId\\': policy_id})

Correct Answer: A

QUESTION 3

FILL BLANK

Information about a rebooted device needs to be displayed with an ID of 260faff9-2d31-4312-cf96-143b46db0211 using the Cisco SD-WAN vManage Administration APIs. The API documentation states that deviceId is a required request parameter. Fill in the blank to create the REST call.

`https://vmanage-ip-address:8443/dataservice/device/action/reboot [        ] 260faff9-2d31-4312-cf96-143b46db0211`

A. "deviceid":

Correct Answer: A

Reference: https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/vManage_REST_APIs/Software_Maintenance_APIs/Reboot_Device

---

QUESTION 4

DRAG DROP

Drag and drop the code snippers from the bottom onto the blanks in the code to subscribe to a Cisco DNA event by using the intent API . Not all options used.

Select and Place:

```
[{
"name": "Example-300",
"description": "An example payload",
"subscriptionEndpoints": [
        {
        "subscriptionDetails": {

                "name": "Endpoint 1",

                "url": [                              ],

                "method": [                          ],

                "connectorType": [                        ]
                }

        }
],
"filter": {
        "eventIds": [
                "NETWORK-NON-FABRIC_WIRED-1-200"
        ]}}]
```

| "//webhook.site/c4bc-34b2-114e-1f53-7cb46a109d2" |
| "POST" |
| "GET" |
| "https://webhook.site/c4bc-34b2-114e-1f53-7cb46a109d2" |
| "WEBHOOK" |
| "REST" |

Correct Answer:

```
[{
"name": "Example-300",
"description": "An example payload",
"subscriptionEndpoints": [
        {
        "subscriptionDetails": {

                "name": "Endpoint 1",

                "url":      "https://webhook.site/c4bc-34b2-114e-1f53-7cb46a109d2"    ,

                "method":                        "POST"                                ,

                "connectorType":                        "REST"
                }

        }
],
"filter": {
        "eventIds": [
                "NETWORK-NON-FABRIC_WIRED-1-200"
        ]}}]
```

```
"//webhook.site/c4bc-34b2-114e-1f53-7cb46a109d2"
```

```
"GET"
```

```
"WEBHOOK"
```

QUESTION 5

What does the command boot ipxe forever switch 1 perform when executed on a Cisco IOS XE device?

A. It continuously sends DHCP requests for iPXE until the device boots with an image.

B. It continuously sends DNS requests for iPXE until the device restarts.

C. It continuously sends DNS requests for iPXE until the device boots with an image.

D. It continuously sends DHCP requests for iPXE until the device restarts.

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3850/software/release/16-5/configuration_guide/prog/b_165_prog_3850_cg/ipxe.html

QUESTION 6

Which tag is required when establishing a YANG-push subscription with a Cisco IOS XE device?
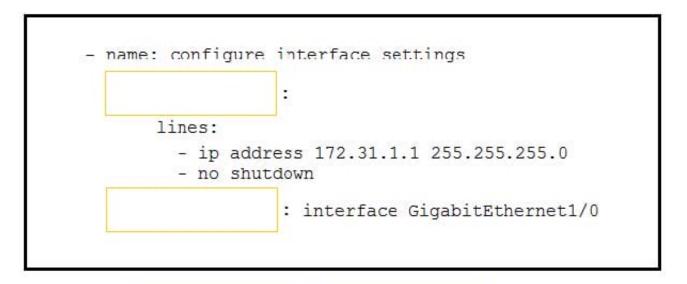
A.

B.

C.

D.

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/ios-
xml/ios/prog/configuration/1612/b_1612_programmability_cg/model_driven_telemetry.html

QUESTION 7

DRAG DROP

Drag and drop the code from the bottom onto the box where the code is missing in the Ansible playbook to apply the
configuration to an interface on a Cisco IOS XE device. Not all options are used.

Select and Place:

```
- name: configure interface settings
  ┌──────────────────┐
  │                  │ :
  └──────────────────┘
          lines:
              - ip address 172.31.1.1 255.255.255.0
              - no shutdown
  ┌──────────────────┐
  │                  │ : interface GigabitEthernet1/0
  └──────────────────┘
```

ioscnd	parents
losconfig	interface
iosxe	ios_config

Correct Answer:

```
    - name: configure interface settings
        ios_config :
            lines:
                - ip address 172.31.1.1 255.255.255.0
                - no shutdown
            interface : interface GigabitEthernet1/0
```

ioscnd	parents
losconfig	
iosxe	

QUESTION 8

In which two use cases should a Python virtual environment be used? (Choose two.)

A. When developing multiple Python projects in the same environment that have the same Python package version requirements.

B. When developing multiple Python projects in the same environment that have conflicting Python package versions.

C. When developing the same Python application across multiple systems using the same application requirements.

D. When creating a new project with several development environments in a multi-project development system across the infrastructure.

E. When creating a new project that has a clean development environment in a multi-project development system.

Correct Answer: BD

QUESTION 9

```
import requests
import sys

requests.package.urllib3.disable_warnings()

HOST = '10.1.2.3'
PORT = 9443
USER = 'user'
PASS = 'password'

def main():
    url = "https://{h}:{p}/restconf/data/Cisco-IOS-XE-native:native/
hostname".format(h=HOST, p=PORT)

    headers = {'Content-Type': 'application/[          ]',

               'Accept': 'application/[          ]'}
    response = requests.get(url, auth=(USER,PASS),
                            headers=headers, verify=False)
    print(response.text)

if __name__ == '__main__':
    sys.exit(main())
```

Refer to the exhibit. An engineer creates a Python script using RESTCONF to display hostname information. The code must be completed so that it can be tested. Which string completes the highlighted areas in the exhibit?

A. yang-data+json

B. yang +json

C. yang.data+json

D. json

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/restconf_prog_int.html

QUESTION 10

Webhooks that are generated by Cisco DNA Center are REST calls with which properties?

A. JSON payload delivered via PUT

B. XML payload delivered via POST

C. JSON payload delivered via POST

D. XML payload delivered via PUT

Correct Answer: A

Reference: https://developer.cisco.com/docs/dna-center/#!using-id-values-in-rest-requests

QUESTION 11

Which two factors influence the location accuracy of a device using Scanning APIs? (Choose two.)

A. AP placement

B. device manufacturer/OS

C. client device orientation

D. battery life of the device

E. amount of device antennas

Correct Answer: AC

The geo-location coordinates (latitude, longitude) and X,Y location data accuracy can vary based on a number of factors and should be considered a best effort estimate. AP placement, environmental conditions, and client device orientation can influence X,Y estimation; experimentation can help improve the accuracy of results or determine a maximum acceptable uncertainty for data points.

Reference: https://developer.cisco.com/meraki/guides/location-services-solution-guide/

QUESTION 12

When a Grafana dashboard is built to receive network events from Cisco DNA Center, which integration bundle is enabled to send notifications?

A. Basic ITSM CMDB Synchronization

B. DNA Center Rest API

C. Network Events for REST API Endpoint

D. Network Issue Monitor and Enrichment for ITSM

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/td/docs/cloud-systems-management/network-automation-and-management/dna-center/1-3/admin_guide/b_cisco_dna_center_admin_guide_1_3/b_dnac_admin_guide_1_2_10_chapter_010.html

QUESTION 13

Which two features are foundations of a software-defined network instead of a traditional network? (Choose two.)

A. control plane and data plane are tightly coupled

B. build upon a robust software stack

C. requires device by device-level configurations

D. automated through expressed intent to a software controller

E. requires significant physical hardware resources

Correct Answer: BD

In traditional networks, control plane and data plane are coupled tightly. It also requires device by device configurations and of course, it uses physical hardware resources to function. Whereas, SDN is based on a software stack. In Cisco SDNs are automated through expressed intent to a software controller.

QUESTION 14

FILL BLANK

Fill in the blanks to complete this API request against the Cisco SD_WAN vManage Statistics API, which specified a deviceId of 260faff9-2d31-4312-cf96-143b46db0211, a local-color of biz-internet, and a remote-color of gold.

```
https://vmanage-ip-address:8443/dataservice/device/app-route/statistics?[_____] 260faff9-2d31-4312-
cf96-143b46db0211 [_____] biz-internet [_____] gold
```

A. deviceID=, local-color, remote-color

Correct Answer: A

Reference: https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/vMana
ge_REST_APIs/Real-Time_Monitoring_APIs/Application-Aware_Routing#Statistics

---

QUESTION 15

Which REST endpoint is used to create a Cisco Meraki network?

A. POST /organizations/{organizationId}/networks

B. PATCH /networks{networkId}

C. PUT /organizations/{organizationId}/networks

D. POST /networks{networkId}

Correct Answer: A

Reference:
https://documentation.meraki.com/zGeneral_Administration/Other_Topics/The_Cisco_Meraki_Dashboard_API

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