300-435 ^{Q&As}

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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QUESTION 1

```
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 2

```
{
    "ietf-interfaces:interfaces": {
        "interface": [
            {
                "name": "GigabitEthernet1",
                "description": "MANAGEMENT INTERFACE",
                "type": "iana-if-type:ethernetCsmacd",
                "enabled": true,
                "ietf-ip:ipv4": {
                    "address": [
                        {
                            "ip": "10.10.20.48",
                            "netmask": "255.255.255.0"
                        }
                    ]
                },
                "ietf-ip:ipv6": {}
            }
        ]
    }
}
```

Refer to the exhibit. A RESTCONF GET request is sent to a Cisco IOS XE device. A portion of the response is shown in the exhibit. Which module name corresponds to the YANG model referenced in the request?

A. ietf-interfaces:ietf-ipv4

B. iana-if-type:ethernetCsmacd

C. ietf-interfaces:interfaces

D. ietf-interfaces

Correct Answer: A

QUESTION 3

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 4

Which path do calls begin with to implement Cisco DNA Center Intent APIs?

A. /intent

B. /dna/v1

C. /dna/api/intent/v1/

D. /dna/system/api/v1/

Correct Answer: D

Reference: https://developer.cisco.com/docs/dna-center/#!device-provisioning/endpoints-and-methods-used

QUESTION 5

```
module: Cisco-IOS-XE-interfaces-oper
  +--ro interfaces
    +--ro interface* [name]
        +--ro name                      string
        +--ro interface-type?           interfaces-ios-xe-oper:ietf-intf-type
        +--ro admin-status?             interfaces-ios-xe-oper:intf-state
        +--ro oper-status?              interfaces-ios-xe-oper:oper-state
        +--ro last-change?              yang:date-and-time
        +--ro if-index?                 int32
        +--ro phys-address?             yang:mac-address
        +--ro higher-layer-if*          string
        +--ro lower-layer-if*           string
        +--ro speed?                    uint64
        +--ro statistics
        |   +--ro discontinuity-time?   yang:date-and-time
        |   +--ro in-octets?            uint64
        |   +--ro in-unicast-pkts?      uint64
```

Refer to the exhibit. What is a characteristic of the tree?

A. three optional metrics

B. two leaf-lists

C. ten leaf-lists

D. three containers

Correct Answer: A

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