350-401 Q&As

Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) & CCIE Enterprise Infrastructure & CCIE Enterprise Wireless

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QUESTION 1

A response code of 404 is received while using the REST API on Cisco UNA Center to POST to this URI.

/dna/intent/api/v1 /template-programmer/project

What does the code mean?

A. The client made a request a resource that does not exist.

B. The server has not implemented the functionality that is needed to fulfill the request.

C. The request accepted for processing, but the processing was not completed.

D. The POST/PUT request was fulfilled and a new resource was created, Information about the resource is in the response body.

Correct Answer: A

The 404 (Not Found) error status code indicates that the REST API can\\'t map the client\\'s URI to a resource but may be available in the future. Subsequent requests by the client are permissible. Reference: https://restfulapi.net/http-status-codes/

QUESTION 2

Refer to the exhibit.

```
PYTHON CODE:
import requests
import json

url='http://switch.foo.com/ins'
switchuser='username'
switchpassword='password'

myheaders={'content-type':'application/jscn'}
payload={
  "ins_api": {
    "version": "1.0",
    "type": "cli_conf",
    "chunk": "0",
    "sid": "1",
    "input": "configure terminal ;interface e1/32 ;shutdown",
    "output_format": "json"
  }
}
response = requests.post(url,data=json.dumps(payload), headers=myheaders,auth=(switchuser,switchpassword)).json()
```

What does the Python code accomplish?

A. It configures interface e1/32 to be in an admin down state

B. It generates a status code of 403 because the type is incorrect.

C. It configures interface e1/32 to be in an err-disable state.

D. It returns data in JSON-RPC format.

Correct Answer: A

QUESTION 3

Which outcome is achieved with this Python code?

client.connect (ip, port= 22, username= usr, password= pswd)

stdin, stdout, stderr = client.exec_command (\\'show ip bgp 192.168.101.0 bestpath\n \\')

print (stdout)

A. connects to a Cisco device using SSH and exports the routing table information

B. displays the output of the show command in a formatted way

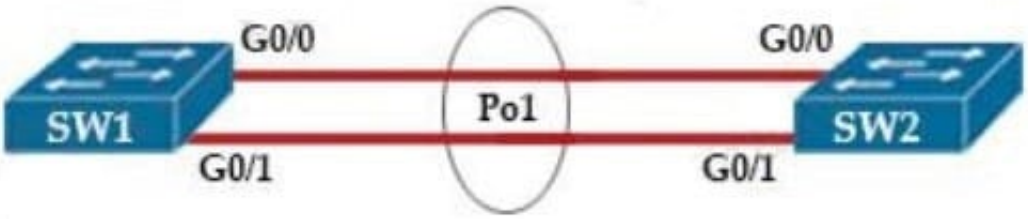
C. connects to a Cisco device using SSH and exports the BGP table for the prefix

D. connects to a Cisco device using Telnet and exports the routing table information

Correct Answer: C

QUESTION 4

Refer to the exhibit.




```
SW1# show etherchannel summary

! output omitted

Group    Port-channel    Protocol    Ports
-------+---------------+-----------+-----
1        Po1 (SD)            -
```

After an engineer configures an EtherChannel between switch SW1 and switch SW2, this error message is logged on switch SW2.

```
SW2#
08:33:23: %PM-4-ERR_DISABLE: channel-misconfig error detection on Gi0/0, putting
Gi0/0 in err-disable state
08:33:23: %PM-4-ERR_DISABLE: channel-misconfig error detection on Gi0/1, putting
Gi0/1 in err-disable state
```

Based on the output from SW1 and the log message received on Switch SW2, what action should the engineer take to resolve this issue?

A. Configure the same protocol on the EtherChannel on switch SW1 and SW2.

B. Connect the configuration error on interface Gi0/1 on switch SW1.

C. Define the correct port members on the EtherChannel on switch SW1.

D. Correct the configuration error on interface Gi0/0 switch SW1.

Correct Answer: A

In this case, we are using your EtherChannel without a negotiation protocol. As a result, if the opposite switch is not also configured for EtherChannel operation on the respective ports, there is a danger of a switching loop. The EtherChannel Misconfiguration Guard tries to prevent that loop from occuring by disabling all the ports bundled in the EtherChannel.

QUESTION 5

Which statement about VXLAN is true?

A. VXLAN uses TCP 35 the transport protocol over the physical data cento network.

B. VXLAN extends the Layer 2 Segment ID field to 24-bits. which allows up to 4094 unique Layer 2 segments over the same network.

C. VXLAN encapsulates a Layer 2 frame in an IP-UDP header, which allows Layer 2 adjacency across router boundaries.

D. VXLAN uses the Spanning Tree Protocol for loop prevention.

Correct Answer: C

802.1Q VLAN identifier space is only 12 bits. The VXLAN identifier space is 24 bits. This doubling in size allows the VXLAN ID space to support 16 million Layer 2 segments -> Answer \\'VXLAN extends the Layer 2 Segment ID field to 24-bits,

which allows up to 4094 unique Layer 2 segments over the same network\\' is not correct.

VXLAN is a MAC-in-UDP encapsulation method that is used in order to extend a Layer 2 or Layer 3 overlay network over a Layer 3 infrastructure that already exists.

Reference:

https://www.cisco.com/c/en/us/support/docs/lan-switching/vlan/212682- virtualextensible-lan-and-ethernet-virt.html