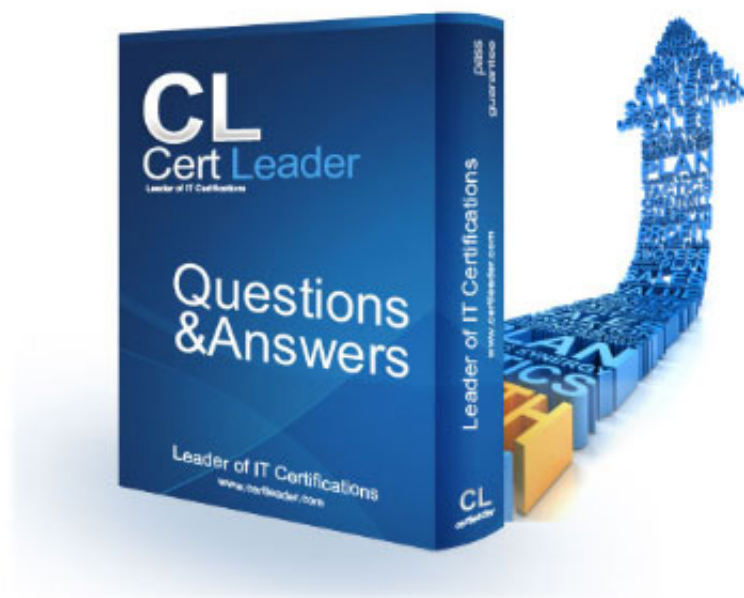


## 200-901 Dumps

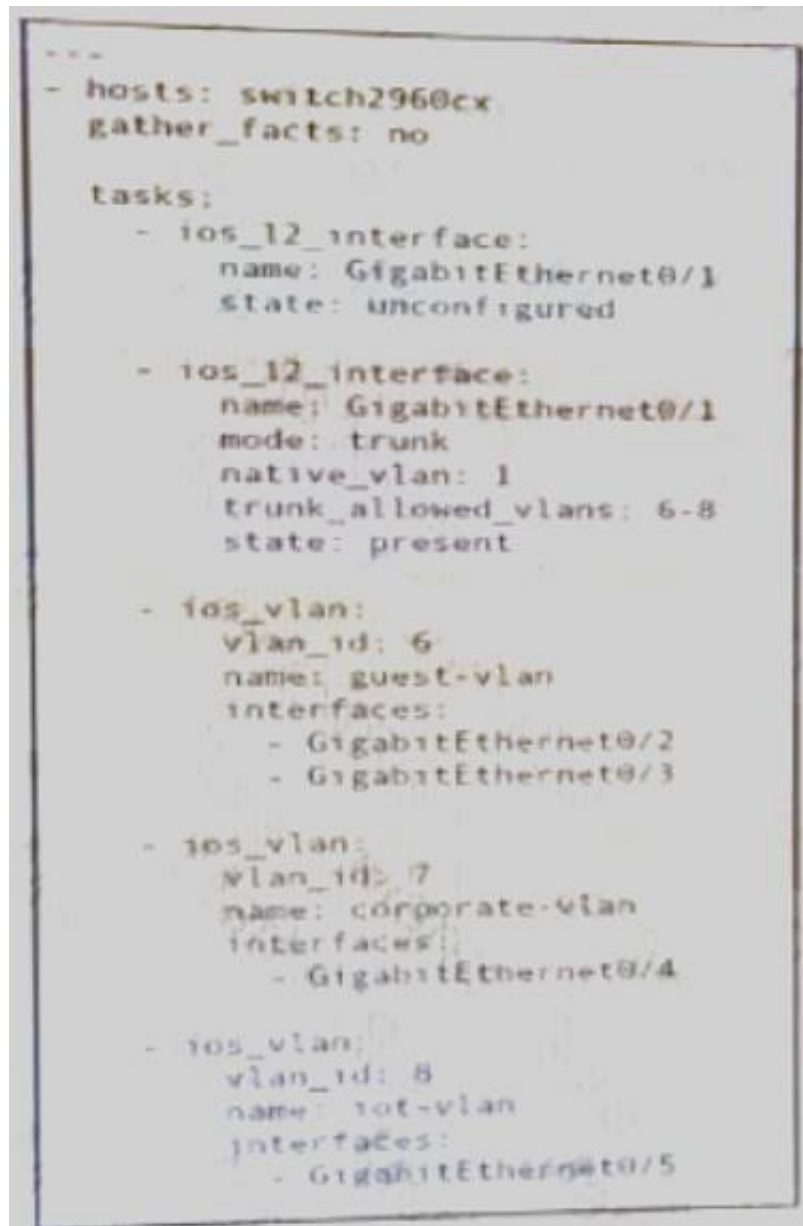
# Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)

<https://www.certleader.com/200-901-dumps.html>



**NEW QUESTION 1**

Refer to the exhibit.



Which two statements describe the configuration of the Ansible script if run? (Choose two.)

- A. Traffic on port 0/2 and 0/3 is connected to port 0/6.
- B. Traffic from ports 0/2 to 0/5 can flow on port 0/1 due to the trunk.
- C. Traffic can flow between ports 0/2 to 0/5 due to the trunk on port 0/1.
- D. GigabitEthernet0/2 and GigabitEthernet0/3 are access ports for VLAN 6.
- E. GigabitEthernet0/1 is left unconfigured.

**Answer:** BD

**NEW QUESTION 2**

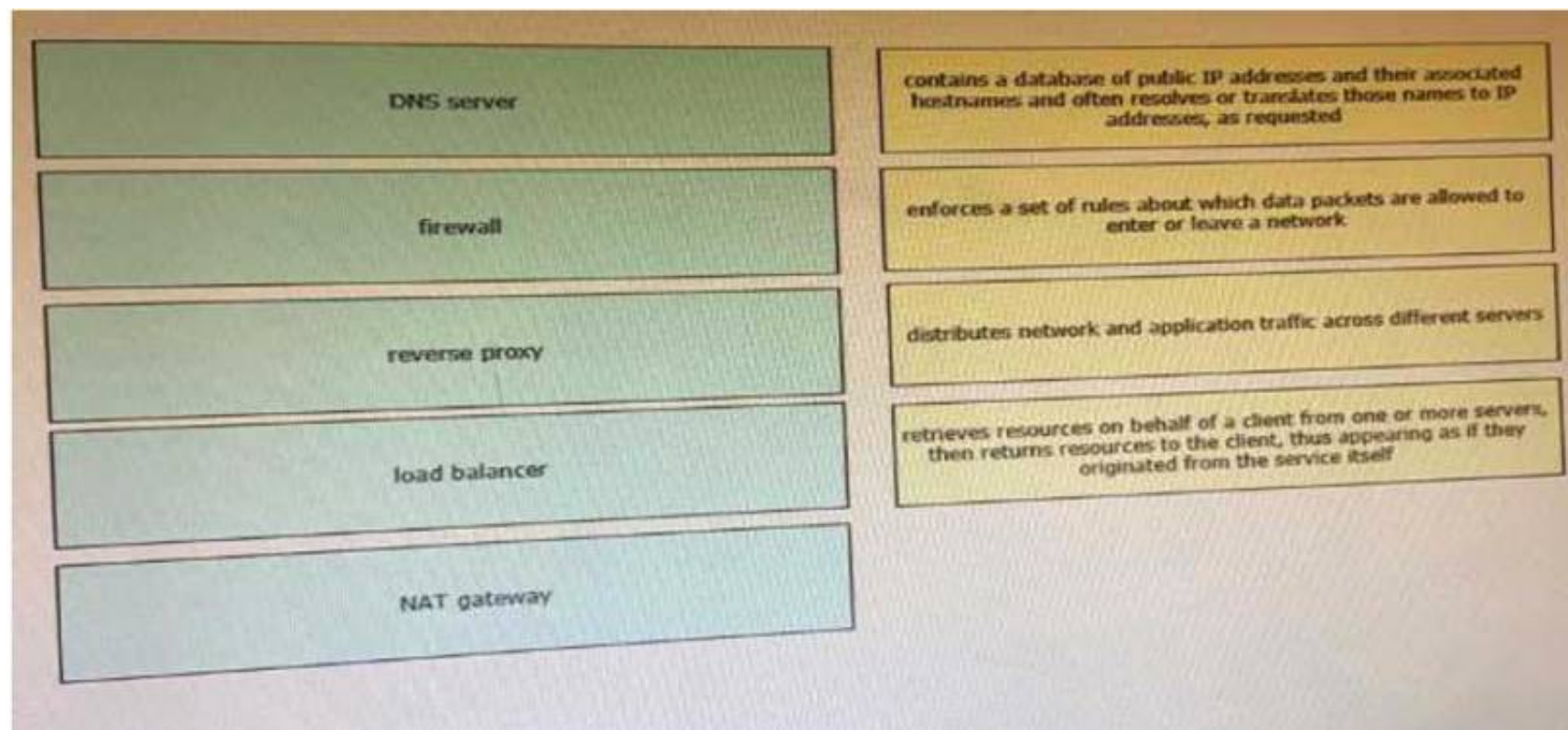
Which statement about authentication a RESTCONF API session with a router that runs Cisco IOS XE software is true?

- A. OAuth must be used.
- B. A token must be retrieved and the associated string must be embedded in the X-Auth-Token header.
- C. Basic authentication must be used.
- D. No authentication is required.

**Answer:** C

**NEW QUESTION 3**

Drag and drop the network component names from the left onto the correct descriptions on the right. Not all options are used.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

1 – A, 2 – B, 3 – D, 4 – C

**NEW QUESTION 4**

Which two items are Cisco DevNet resources? (Choose two.)

- A. TAC support
- B. Bitbucket
- C. Sandbox
- D. Software research
- E. API Documentation

**Answer:** CE

**NEW QUESTION 5**

Refer to the exhibit.

**List the clients that have used this network in the timespan**

**HTTP REQUEST**

**GET** /networks/{networkId}/clients

**PARAMETERS**

**t0**  
The beginning of the timespan for the data. The maximum lookback period is 31 days from today.

**timespan**  
The timespan for which the information will be fetched. If specifying timespan, do not specify parameter t0. The value must be in seconds and be less than or equal to 31 days. The default is 1 day.

**perPage**  
The number of entries per page returned. Acceptable range is 3 - 1000. Default is 10.

**startingAfter**  
A token used by the server to indicate the start of the page. Often this is a timestamp or an ID but it is not limited to those. This parameter should not be defined by client applications. The link for the first, last, prev, or next page in the HTTP Link header should define it.

**endingBefore**  
A token used by the server to indicate the end of the page. Often this is a timestamp or an ID but it is not limited to those. This parameter should not be defined by client applications. The link for the first, last, prev, or next page in the HTTP Link header should define it.

**base\_url** = "https://api.meraki.com/api/v0"

```
base_url = "https://api.meraki.com/api/v0"
network_id = "L_12345678910"
api_key = "1098hadpfsiapsf8ahf8ohp"
requests.<item 1>(
    <item 2> + "<item 3>/" + <item 4> + "<item 5>",
    headers = {
        "X-Cisco-Meraki-API-Key": "<item 6>",
        "Content-Type": "<item 7>"
    },
    <item 8>={"<item 9>":<item 10>})
```

Drag and drop the code from the left code from the left onto the item number on the right to complete the Meraki code to obtain a list of client which have used this network.

|                  |           |
|------------------|-----------|
| params           | <item 1>  |
| networks         | <item 2>  |
| timespan         | <item 3>  |
| get              | <item 4>  |
| 432000           | <item 5>  |
| base_url         | <item 6>  |
| application/json | <item 7>  |
| network_id       | <item 8>  |
| clients          | <item 9>  |
| api_key          | <item 10> |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

1 - d, 2 - f, 3 - b, 4 - h, 5 - i, 6 - j, 7 - g, 8 - a, 9 - c, 10 - e

**NEW QUESTION 6**

Which two NETCONF operations cover the RESTCONF GET operation? (Choose two.)

- A. <get>
- B. <edit>
- C. <get-update>
- D. <modify-config>
- E. <get-config>

**Answer:** AE

**NEW QUESTION 7**

When using the Bash shell, how is the output of the devnet command saved to a file named "output.txt"?

- A. devnet & output.txt
- B. devnet > output.txt
- C. devnet < output.txt
- D. devnet | output.txt

**Answer:** B

**NEW QUESTION 8**

Refer to the exhibit.

```
1  ---
2  - hosts: [{ router }]
3    gather_facts: true
4    connection: local
5
6  tasks:
7  - ios_command
8    commands:
9      - show run
10     provider: "{{ router_credentials }}"
11     register: config
12
13 - copy:
14   content: "{{ config.stdout[0] }}"
15   dest: "etc/ansible/configs/command_{{ router_hostname }}.txt
16   ...
```

What is the effect of this Ansible playbook on an IOS router?

- A. A new running configuration is pushed to the IOS router.
- B. The current running configuration of the IOS router is backed up.
- C. The start-up configuration of the IOS router is copied to a local folder.
- D. A new start-up configuration is copied to the IOS router.

**Answer: B**

**NEW QUESTION 9**

Which CI/CD tool is an automation tool used to build, test, and deploy software?

- A. Nagios
- B. Gradle
- C. Jenkins
- D. Git

**Answer: C**

**NEW QUESTION 10**

Which status code is used by a REST API to indicate that the submitted payload is incorrect?

- A. A.-400B.403C.405D.429

**Answer: A**

**NEW QUESTION 10**

Which two types of NAT are used in a network? (Choose two.)

- A. Static NAT
- B. Normal NAT
- C. Multicast NAT
- D. Dynamic NAT
- E. Router NAT

**Answer: AD**

**NEW QUESTION 12**

A developer is reviewing a code that was written by a colleague. It runs fine, but there are many lines of code to do a seemingly simple task repeatedly. Which action organizes the code?

- A. Refactor the code by removing any unnecessary tests
- B. Using functions, rewrite any pieces of code that are repeated
- C. Reverse engineer and rewrite the code logic
- D. Modify the code to use loops

**Answer: B**

**NEW QUESTION 15**

What should a CI/CD pipeline aim to achieve?

- A. to allow manual testing before deployment
- B. to require minimal manual interaction
- C. to support new deployments on a fixed monthly schedule
- D. to provide a documented process for feedback

**Answer: A**

NEW QUESTION 19

What are two characteristics of Bare Metal environments that are related to application deployment? (Choose two.)

- A. Provide the hypervisor to host virtual servers
- B. Specifically designed for container-based workloads.
- C. Provides workloads with access to hardware features
- D. Suitable for legacy application that do not support virtualization
- E. Not compatible with other cloud services such as PaaS or SaaS offerings.

Answer: CD

NEW QUESTION 24

Drag and drop the requests from the left into the correct order on the right to create and check the path trace between two devices using Cisco DNA center API.

|                                                                             |        |
|-----------------------------------------------------------------------------|--------|
| GET /api/v1/flow-analysis/{flowAnalysisId}                                  | Step 1 |
| POST /api/v1/flow-analysis                                                  | Step 2 |
| POST /api/system/v1/auth/token                                              | Step 3 |
| GET /api/v1/network-device/ and choose IP of source and destination devices | Step 4 |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – C, 2 – D, 3 – B, 4 - A

NEW QUESTION 26

Drag and drop elements of the RESTCONF protocol stack from the left onto the correct description on the right. Not all elements on the left are used.

|                               |            |
|-------------------------------|------------|
| <data>                        | content    |
| XML or JSON                   | operations |
| SSH                           | transport  |
| <rpc>, <rpc-reply>            |            |
| GET, POST, PUT, PATCH, DELETE |            |
| HTTPS                         |            |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – B, 2 – E, 3 - F

NEW QUESTION 27

Drag and drop the HTTP methods from the left onto their generally accepted corresponding create, read, update, and delete operations on the right.



- A. Mastered
- B. Not Mastered

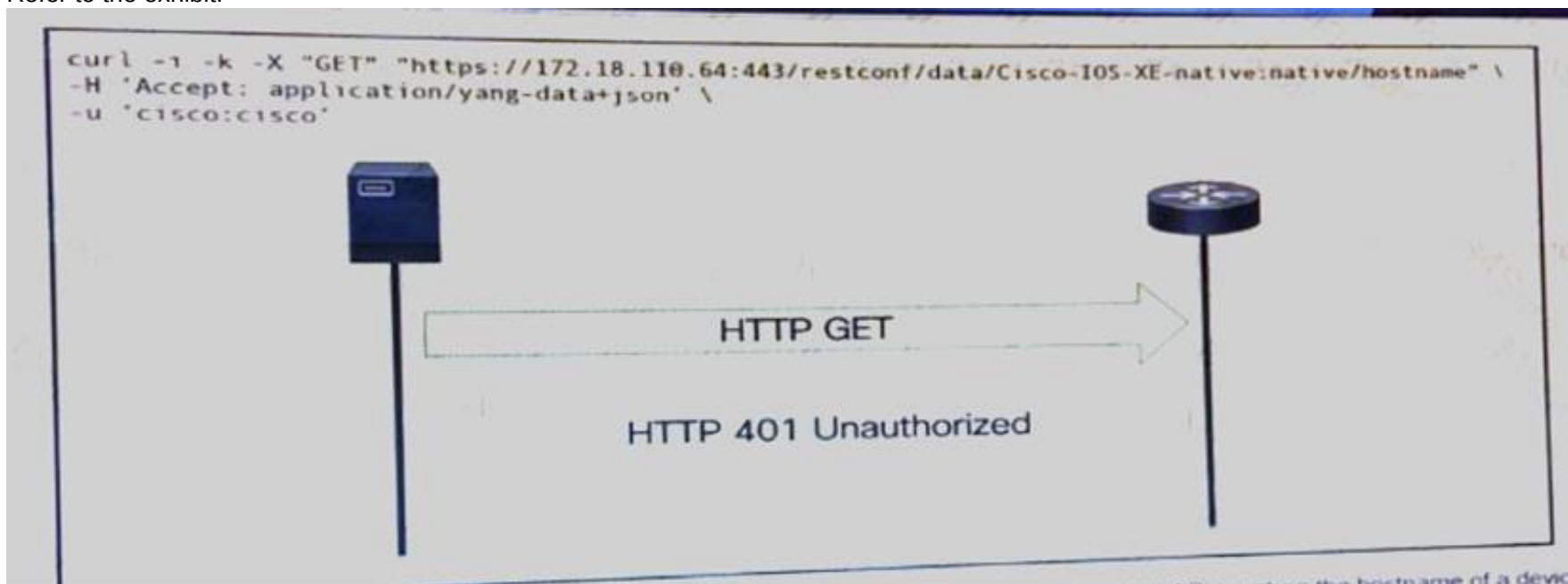
**Answer:** A

**Explanation:**

1 – D, 2 – B, 3 – C, 4 – E, 5 – A

### NEW QUESTION 28

Refer to the exhibit.



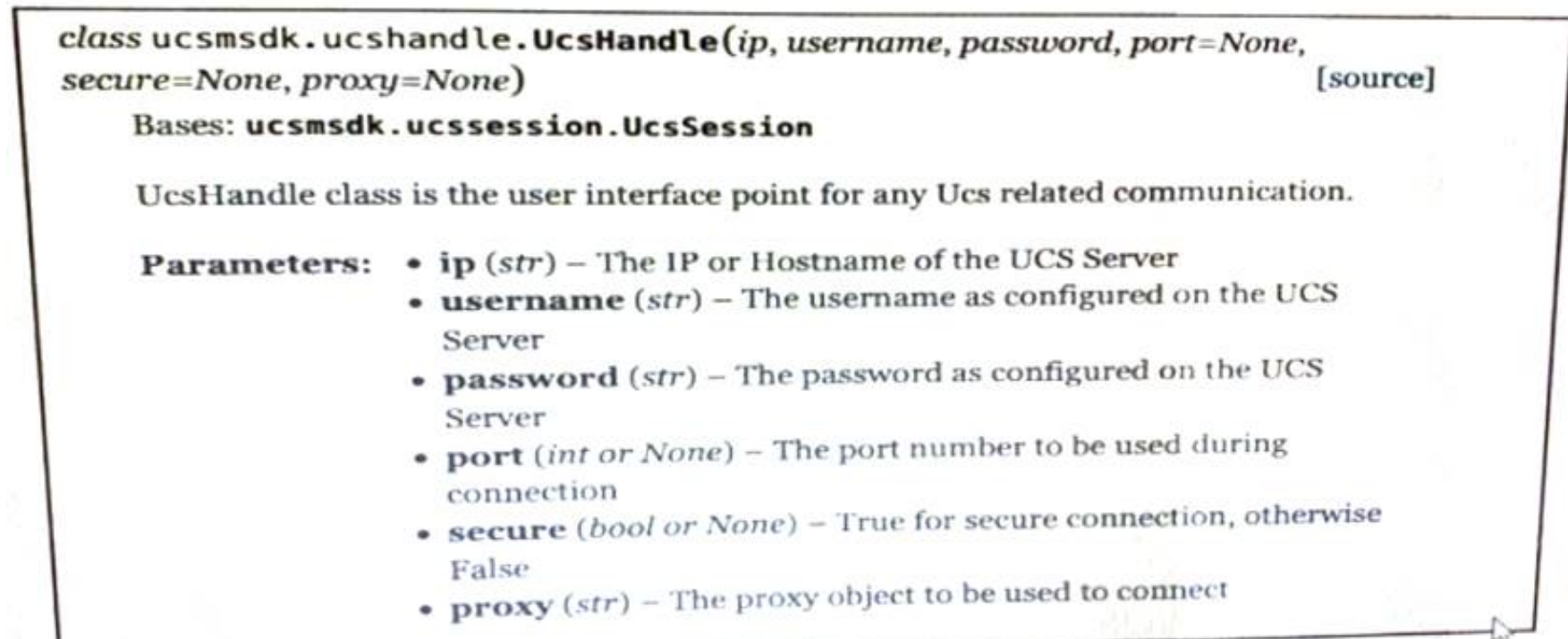
An administrator attempts to perform a GET using the Cisco IOS XE RESTCONF API to return the hostname of a device. The sequence diagram illustrated the HTTP message observed. Which change to the API request resolves the issue?

- A. Add Content-Type HTTP header with 'application/yang-data+json' using –H 'Content-Type: application/yang-data+json'.
- B. Use -u cisco: cisco instead of -u 'cisco: cisco'.
- C. Change the request method from -X "GET" to- X' POST".
- D. Remove the -H 'Accept: application/yang-data+json' HTTP header because it is not required.

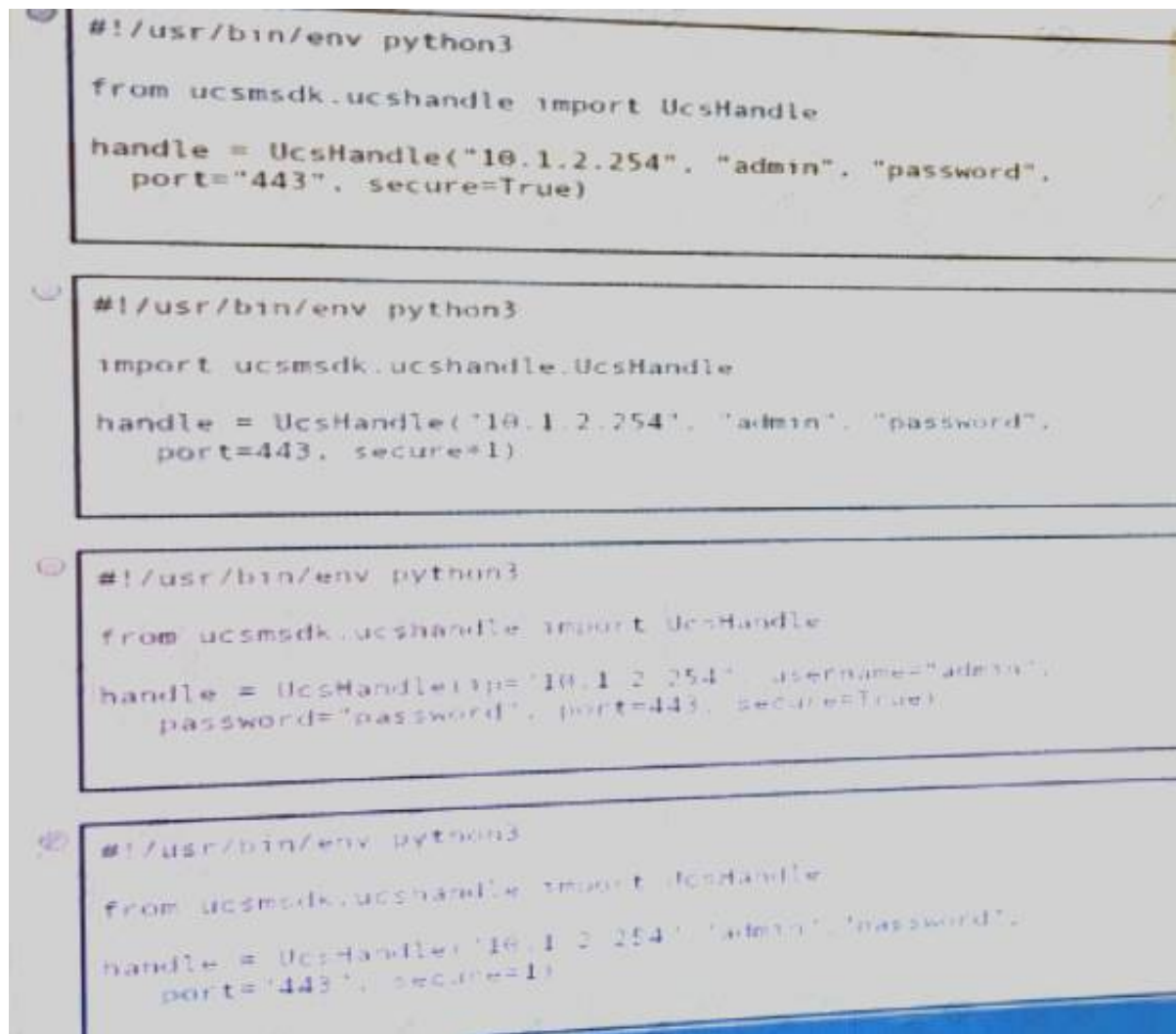
**Answer:** B

### NEW QUESTION 30

Refer to the exhibit.



Given the API documentation for the UCS SDK python class, UcsHandle, which code snippet creates a handle instance?



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

Answer: B

NEW QUESTION 34

What is the purpose of a MAC address?

- A. To uniquely identify a router in a LAN
- B. To uniquely identify a network interface in a LAN
- C. To uniquely identify a device on the internet
- D. To uniquely identify a switch in a LAN

Answer: B

NEW QUESTION 37

Drag and drop the element of the Finesse API on the left onto the description of its functionality on the right.

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| User       | Represents a skill group in Unified CCE.                           |
| Dialog     | Represents the current state of the system.                        |
| Media      | Represents an agent, supervisor or administrator.                  |
| Queue      | Represents a group of users.                                       |
| Team       | Represents a call and the participants if the media type is voice. |
| SystemInfo | Sends client-side logging to the Finesse Server.                   |
| ClientLogs | Represents a user's state in a non-voice Media Routing Domain.     |

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

1 – D, 2 – F, 3 – A, 4 – E, 5 – B, 6 – G, 7 - C

**NEW QUESTION 42**

Fill in the blanks to complete the cURL command that invokes a RESTful API to retrieve a resource in JSON format using OAuth.

```
curl -X [ ] -H " [ ]: application/json" \
-H " [ ]: Bearer AbCdEf123456" https://localhost/api/myresource
```

```
curl -X [ ] -H " [ ]: application/json" \
-H " [ ]: Bearer AbCdEf123456" https://localhost/api/myresource
```

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

See the solution below.

```
curl -X GET [ ] -H "Accept [ ]: application/json" \
-H "Authorization [ ]: Bearer AbCdEf123456" https://localhost/api/myresource
```

**NEW QUESTION 45**

Which mechanism is used to consume a RESTful API design when large amounts of data are returned?

- A. Data sets
- B. Scrolling
- C. Blobs
- D. Pagination

**Answer: D**

**NEW QUESTION 47**

Which two descriptions can be given to an application that is interacting with a webhook? (Choose two.)

- A. Processor
- B. Codec
- C. Listener
- D. Receiver
- E. Transaction monitor

**Answer: CD**

**NEW QUESTION 50**

Fill in the blanks to complete the Python script to update the Webex Teams membership of a room using the Python requests library import requests

```
import requests
url = "https://api.ciscospark.com/v1/memberships/Y2lzY29zcGfyaZov371508156INISVAvOTJmM2RkOWEiNjc1ZC00YTQxLTljNDExMmFiZGY4OWY0NGY0OjExNzJkNmYwLTJiY2MtMTFhOS1iOWI3LWNmMjg3MTJhYTgzNw"

payload = [{"isModerator": True}]
headers = {
    'Authorization': 'Bearer [ ]',
    'Content-Type': 'application/json'
}

response = requests [ ] ("PATCH" url, headers=[ ], data=[ ])
print(response.text.encode('utf8'))
```

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

request, headers , payload

**NEW QUESTION 53**

Which two statements about JSON and XML are true? (Choose two.)

- A. JSON objects are collection of key value pairs.
- B. The syntax of JSON contains tags, elements, and attributes.
- C. JSON arrays are an unordered set of key value pairs.
- D. The syntax of XML contains tags, elements, and attributes.
- E. XML objects are collections of key-value pairs.

Answer: AD

NEW QUESTION 57

What are two advantages of the Model-view-controller software design pattern? (Choose two.)

- A. simplifies network automation
- B. allows for multiple views of the same model
- C. makes code easier to deploy using CI/CD pipelines
- D. reduces need for error handling
- E. separates responsibilities of the code, which makes future modifications easier

Answer: BE

NEW QUESTION 61

What are two security benefits of a Docker-based application?

- A. easier to patch because Docker containers include only dependencies that the application requires
- B. prevents information leakage that can occur when unhandled exceptions are returned in HTTP responses
- C. allows for separation of application that traditionally run in the same host
- D. natively secures access to secrets that are used by the running application
- E. guarantees container images are secured and free of vulnerabilities

Answer: AC

NEW QUESTION 62

Drag and Drop the Bash commands from the left onto the correct actions on the right.

|        |                                                          |
|--------|----------------------------------------------------------|
| cd~    | list files in directory sorted by edited date descending |
| cd/    | create directory                                         |
| is -l  | copy file                                                |
| is -t  | change directory to user \$HOME                          |
| cp     | create environment variable                              |
| cp -r  | change directory to file system root                     |
| mv     | move file                                                |
| touch  | create file                                              |
| mkdir  | copy directory                                           |
| export | list files in directory with details                     |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 - d, 2 - i, 3 - e, 4 - a, 5 - j, 6 - b, 7 - g, 8 - h, 9 - c, 10 - f

NEW QUESTION 67

Fill in the blanks to complete the statement.

Given a username of “devnet” And a password “Cisco123”, applications must create a base64 encoding of the string”\_\_\_\_\_” when sanding HTTP requests to an API that uses \_\_\_\_\_ authentication.

Given a username of "devnet" and a password of "cisco123", applications must create a base64 encoding of the string "" when sending HTTP requests to an API that uses  authentication.

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Given a username of "devnet" and a password of "cisco123", applications must create a base64 encoding of the string "devnet:cisco123" when sending HTTP requests to an API that uses Basic authentication.

**NEW QUESTION 68**

Which two concepts describe test-driven development? (Choose two.)

- A. It enables code refactoring.
- B. Write a test before writing code.
- C. Implementation is driven by incremental testing of release candidates.
- D. User acceptance testers development the test requirements.
- E. Tests are created when code is ready for release.

**Answer:** BC

**NEW QUESTION 70**

What is the purpose of the Cisco VIRL software tool?

- A. To verify configurations against compliance standards
- B. To simulate and model networks
- C. To automate API workflows
- D. To test performance of an application

**Answer:** B

**NEW QUESTION 75**

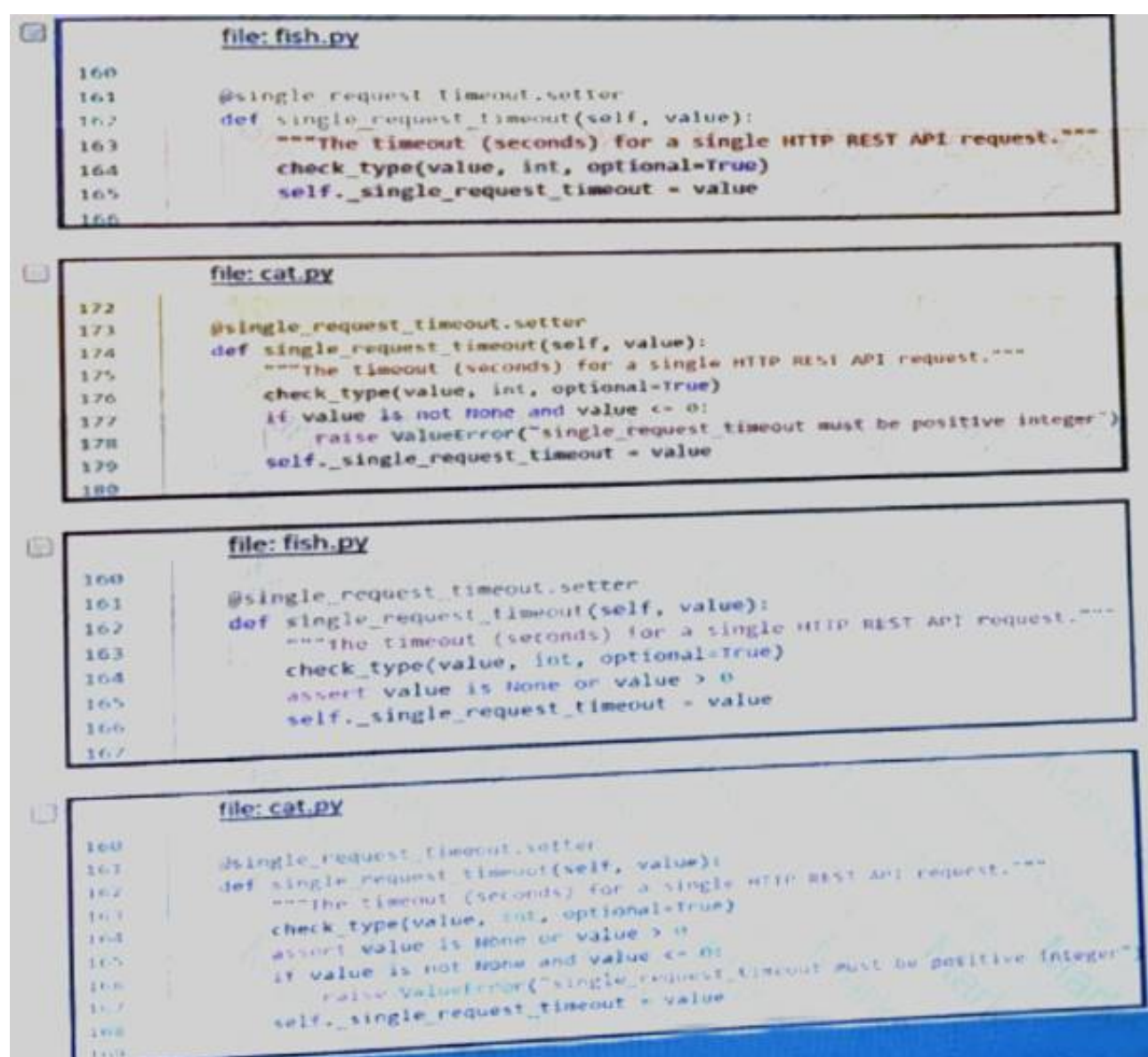
Refer to the exhibit.

```
$ diff -u5 fish.py cat.py
--- fish.py      2020-01-02 09:41:02.840000000 +0100
+++ cat.py      2020-01-02 09:41:06.885999800 +0100
@@ -160,11 +160,12 @@

     @single_request_timeout.setter
     def single_request_timeout(self, value):
         """The timeout (seconds) for a single HTTP REST API request."""
         check_type(value, int, optional=True)
         assert value is None or value > 0
+        if value is not None and value <= 0:
+            raise ValueError("single_request_timeout must be positive integer")
         self._single_request_timeout = value

     @property
     def wait_on_rate_limit(self):
         """Automatic rate limit handling.
```

The output of a unified diff when comparing two versions of a python script is shown. Which two "single\_request\_timeout ()"

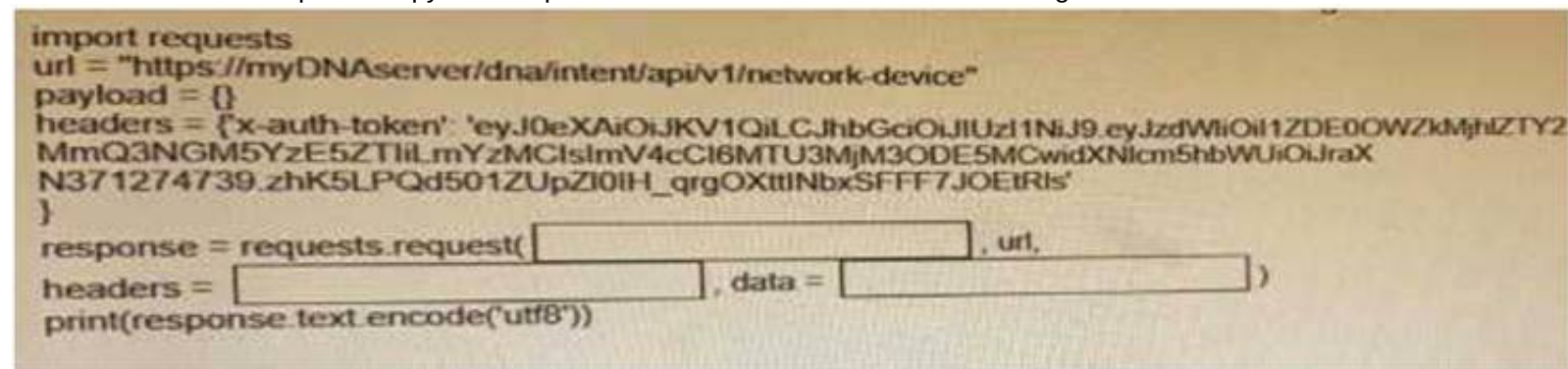


- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: BC

**NEW QUESTION 78**

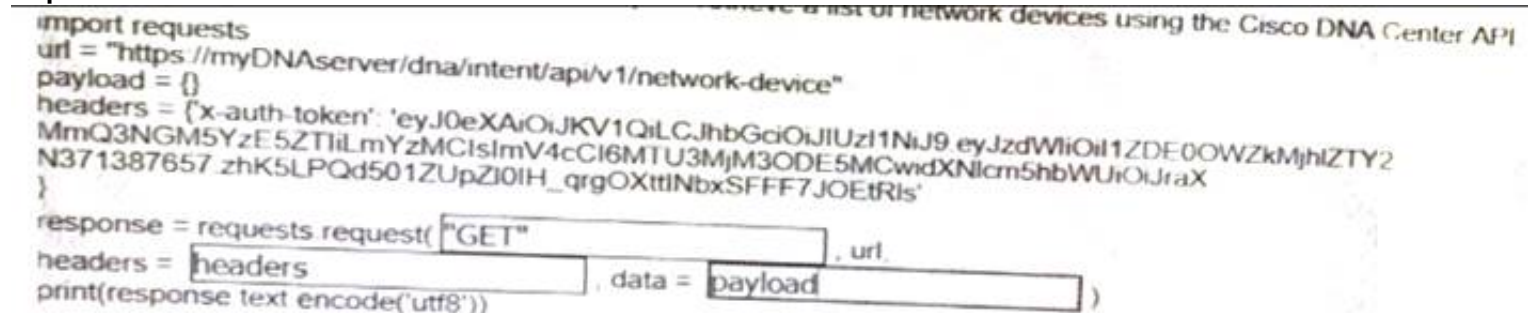
Fill in the blanks to complete the python script to retrieve a list of network devices using the Cisco DNA center API.



- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**



**NEW QUESTION 82**

.....

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