200-901 Dumps

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

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

NEW QUESTION 1
Which REST architectural constraint indicates that no client context should be stored on the server between requests?

A. stateless
B. uniform interface
C. cacheable
D. client-server

Answer: A

NEW QUESTION 2
Refer to the exhibit.

```
docker run -p 3000:5000 f877cbf2ff33
```

A process on the host wants to access the service running inside this Docker container. Which port is used to make a connection?

A. only outbound connections between 3000 and 5000 are possible
B. port 3000
C. any port between 3000 and 5000
D. port 5000

Answer: B

NEW QUESTION 3
What are two benefit of managing network configuration via APIs? (Choose two.)

A. configuration on devices becomes less complex
B. more security due to locking out manual device configuration
C. increased scalability and consistency of network changes
D. eliminates the need of legacy management protocols like SNMP
E. reduction in network changes performed manually

Answer: CE

NEW QUESTION 4
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 5
When a Cisco IOS XE networking device is configured using RESTCONF, what is the default data-encoding method?

A. XML
B. x-form-encoding
C. YANG
D. YAML

Answer: A

NEW QUESTION 6
A developer is writing an application that a REST API and the application requires a valid from the API which element of the response is used in the conditional check?

A. URL
B. Status code
C. Link
D. Body
E. Headers

Answer: B

NEW QUESTION 7
Drag and drop the network automation interfaces from the left onto the transport protocols that they support on the right.
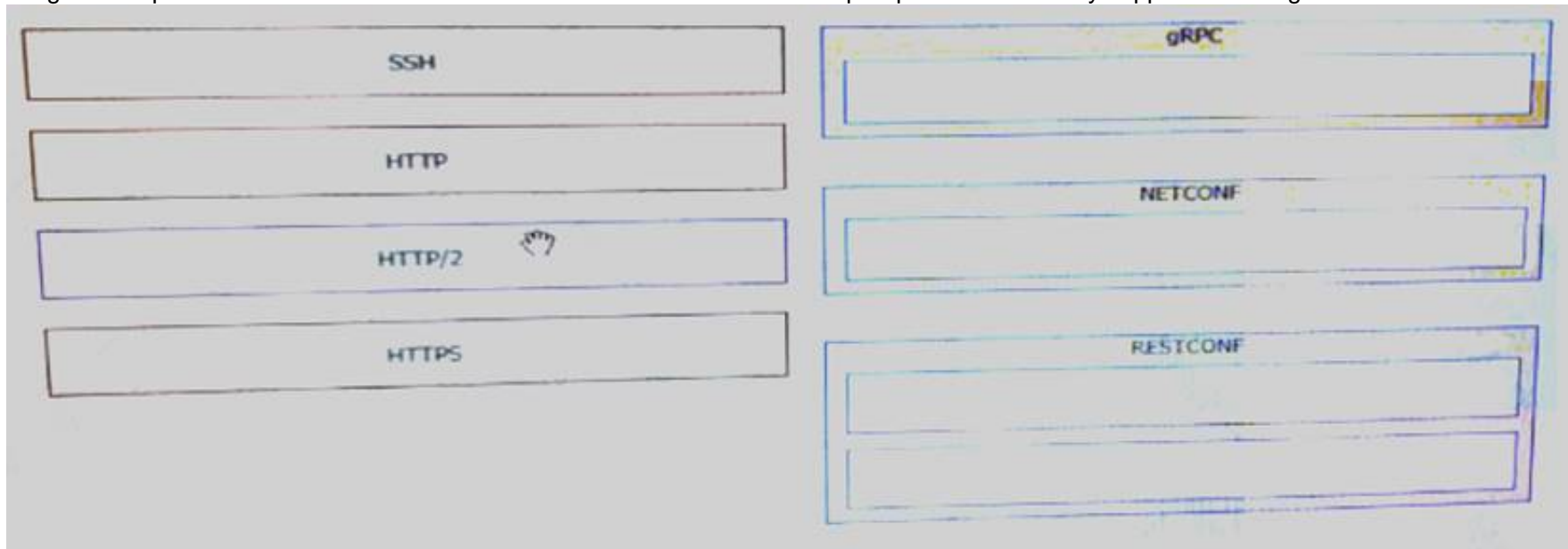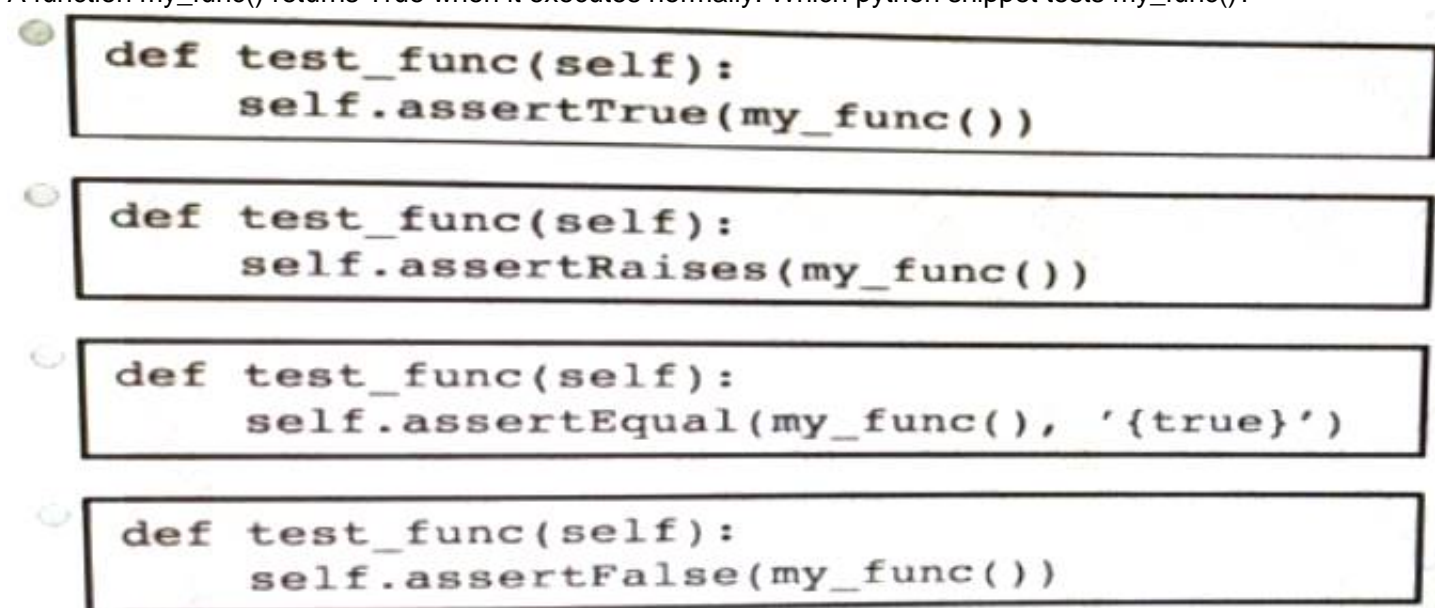

A. Mastered
B. Not Mastered

Answer: A

Explanation:
gRPC = C, NETCONF = A, RESTCONF = B, D

NEW QUESTION 8
A function my_func() returns True when it executes normally. Which python snippet tests my_func()?

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

Answer: B

NEW QUESTION 9
An automation script fails to connect to an internal server exactly 1 out of 2 times it is executed. This behavior is seen from different clients. Which networking device mut be at fault?
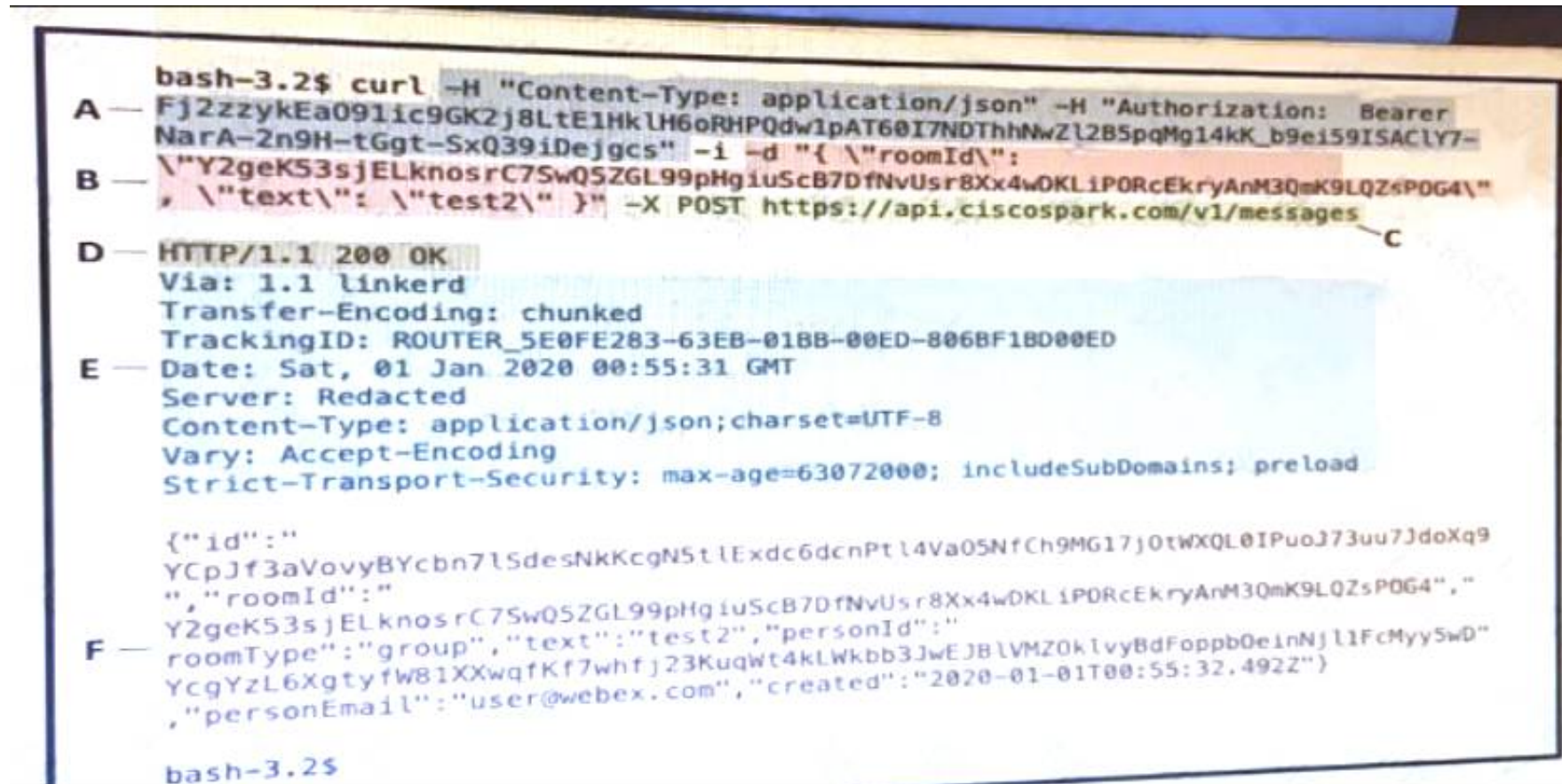
A. Laptop on which the scripted is running
B. Router
C. Switch

D. Load balancer

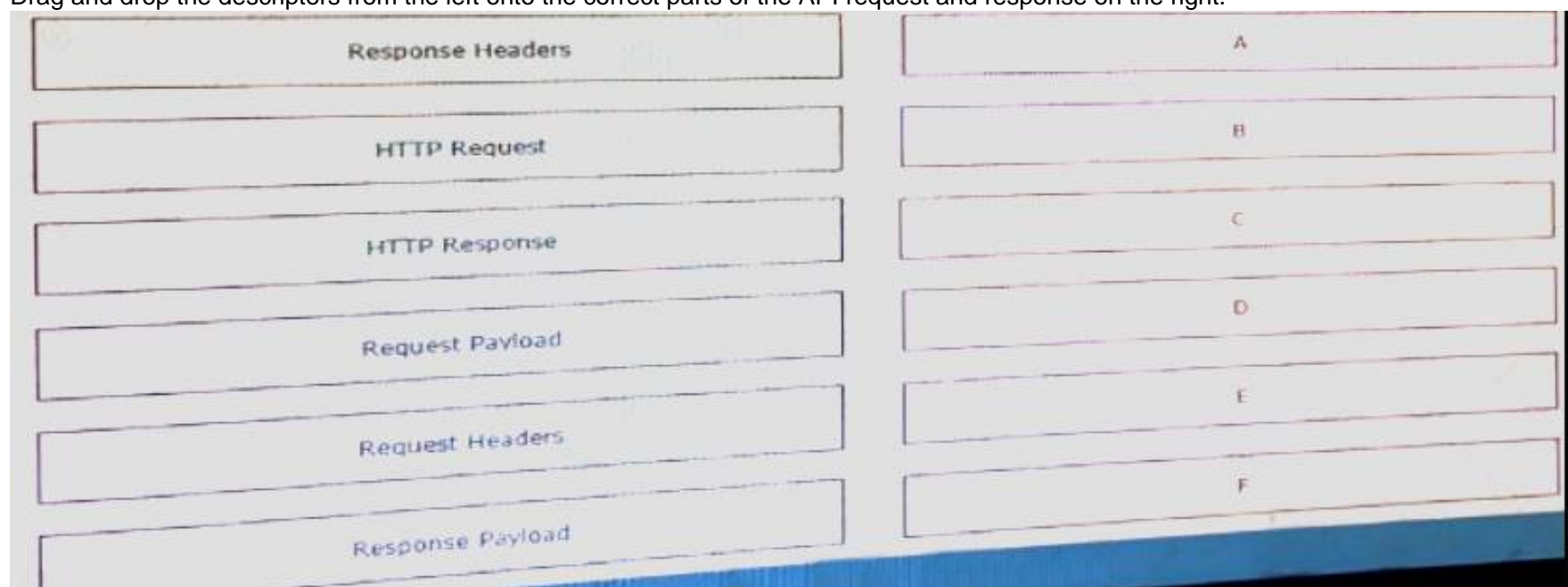**Answer:** D

NEW QUESTION 10
Refer to the exhibit.

Drag and drop the descriptors from the left onto the correct parts of the API request and response on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A – E, B – D, C – B, D – C, E – A, F – F

NEW QUESTION 10
Which two statements are true about Cisco UCS manager, Cisco Intersight APIs? (Choose two.)

A. Cisco Intersight API interactions can be encoded in XML or JSON and require an APIs key in the HTTP header for authentication.
B. USC Director API interactions can be XML- or JSON-encoded and require an APLs key in the HTTP header for authentication.
C. UCS manager API interactions are XML-encoded and require a cookie in the method for authentication.
D. Cisco Intersight uses XML to encoded API interactions and requires an API key pair for authentication.
E. UCS manager uses JSON to encode API interactions and utilizes Base64-encoded credentials in the HTTP header for authentication.

Answer: BC

NEW QUESTION 12
Which PAI is used to obtain data voicemail ports?

A. Finesse gadgets
B. Cisco Unified Communications manager
C. Webex devices
D. Webex teams

Answer: B

NEW QUESTION 17
Which two statement describe the role of an artifact repository in a CI/CD pipeline? (Choose two.)

A. An artifact repository allows to compare and merge changes in the source code of files involved in a build process.
B. An artifact repository is needed only for CI/CD pipeline executed on a public cloud infrastructure.
C. An artifact repository provides traceability, search, and management of binary files.
D. An artifact repository is needed only for managing open source software.
E. An artifact repository stores files needed and generated during the build process.

Answer: CE

NEW QUESTION 22
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 23
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 – C, 2 – D, 3 – B, 4 - A

NEW QUESTION 24
Before which process is code review performed when version control is used?

A. committing code
B. branching code
C. merge of code
D. checkout of code

Answer: C

NEW QUESTION 25
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 27
Refer to the exhibit.


```
curl -1 -k -X "GET" "https://172.18.110.64:443/restconf/data/Cisco-IOS-XE-native:native/hostname" \
-H 'Accept: application/yang-data+json' \
-u 'cisco:cisco'
```
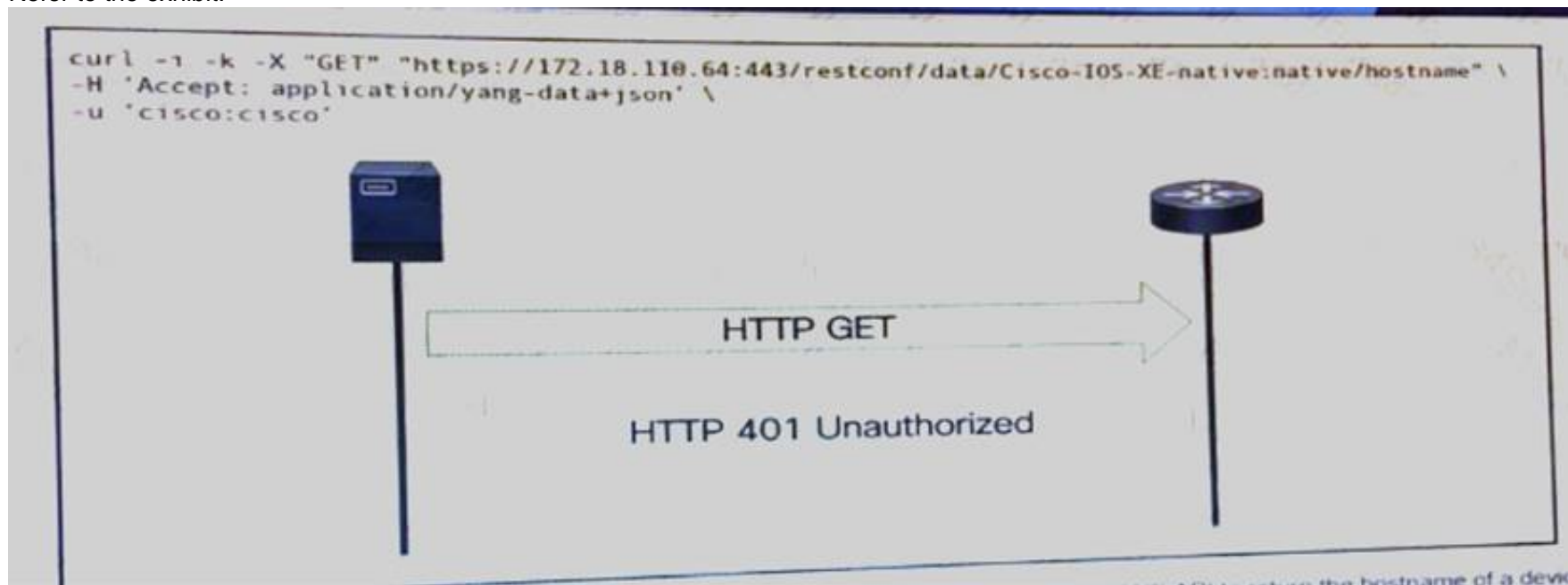
An administrator attempts to perform a GET using the Cisco IOS XE RESTOCNF API to return the hostname of a device. The sequence diagram illustrated the HTTP message observed. Which change to the API request resolves the issue?

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^/son' HTTP header because it is not required.

Answer: B

NEW QUESTION 31
Refer to the exhibit.
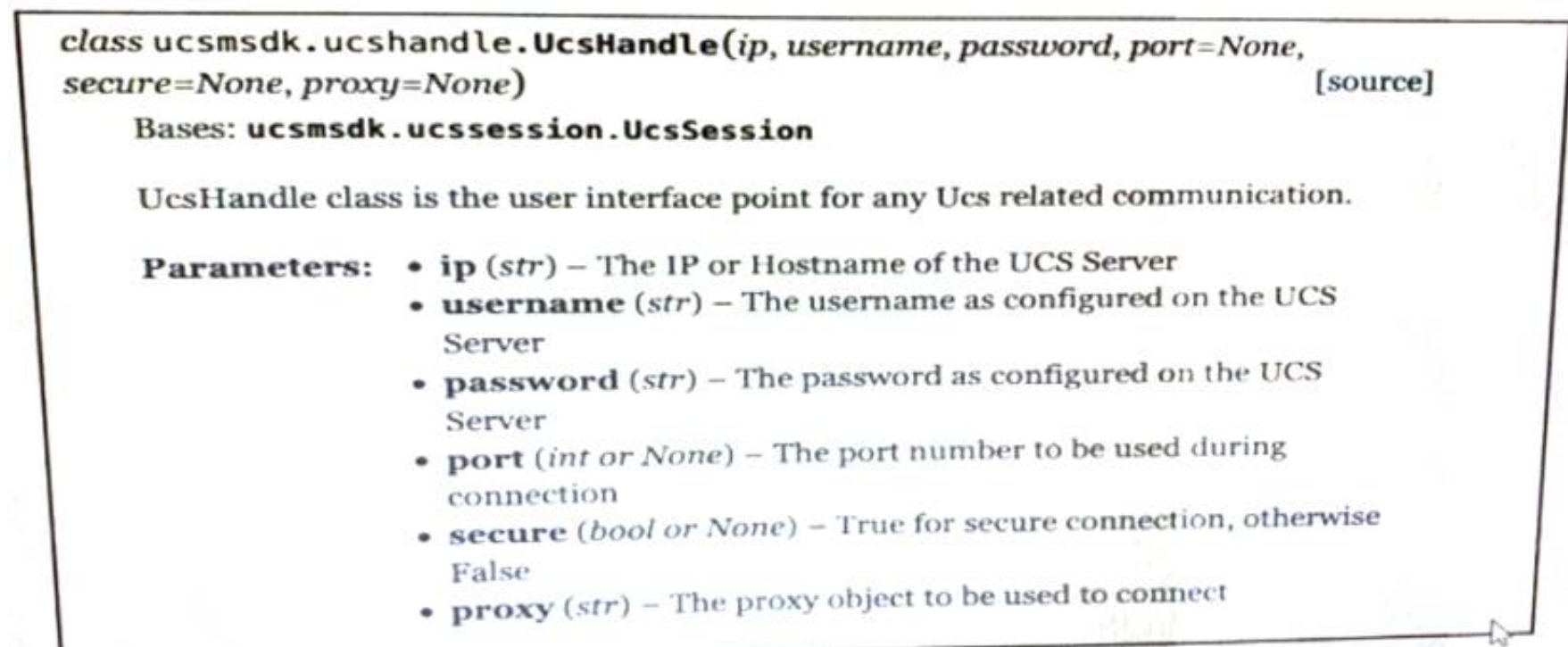
Given the API documentation for the UCS SDK python class, UcsHandle, which code snippet creates a handle instance?

```
#!/usr/bin/env python3

from ucsmsdk.ucshandle import UcsHandle

handle = UcsHandle("10.1.2.254". "admin". "password".
    port="443". secure=True)
```
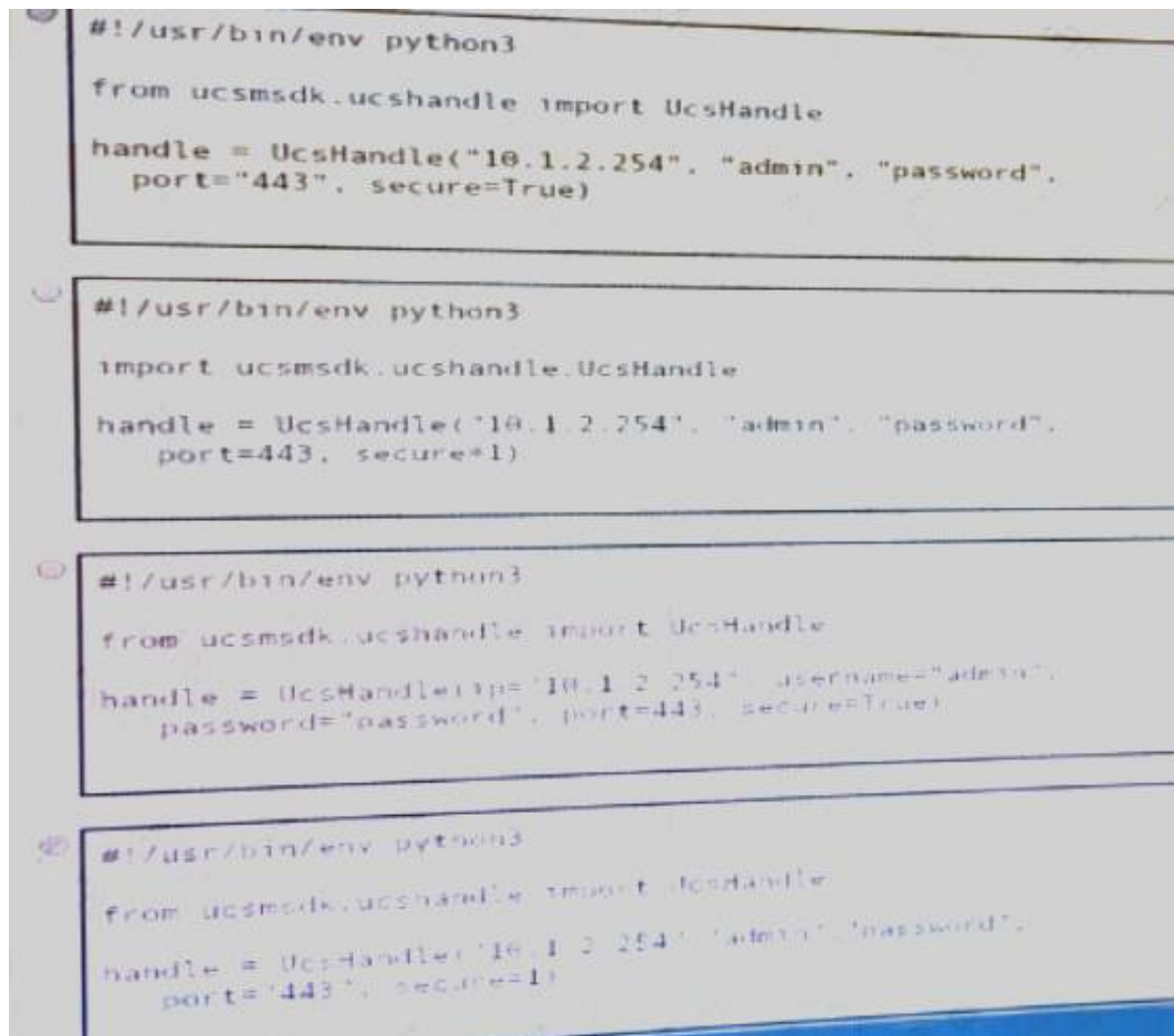
```
#!/usr/bin/env python3

import ucsmsdk.ucshandle.UcsHandle

handle = UcsHandle('10.1.2.254'. 'admin'. "password".
    port=443. secure=1)
```

```
#!/usr/bin/env python3

from ucsmsdk.ucshandle import UcsHandle

handle = UcsHandle(ip='10.1.2.254'. username="admin".
    password="password". port=443. secure=True)
```

```
#!/usr/bin/env python3

from ucsmsdk.ucshandle import UcsHandle

handle = UcsHandle('10.1.2.254'. 'admin'. 'password'.
    port='443'. secure=1)
```

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

Answer: B

NEW QUESTION 36
Which Cisco DevNet resource allows access to products in a development lab to explore, learn, and build application that use Cisco APLs?

A. DevNet communities
B. DevNet code Exchange
C. DevNet Automation Exchange
D. DevNet sandbox

Answer: D

NEW QUESTION 40
Which device is a system that monitors and controls incoming and outgoing network traffic based on predetermined security rules?

A. Switch
B. Router
C. Firewall
D. Load balancer

Answer: C

NEW QUESTION 43
Drag and drop the element of the Finesse API on the left onto the description of its functionally 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 44
Which action does the Git command git merge allow the development to perform?

A. Combine multiple sequence of commits into one unified history.
B. Push changes to the remote repository
C. Switch between branches
D. Create, list, rename, and delete branches

Answer: A

NEW QUESTION 46
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 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 52
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                                    ...membership of a room using the Python requests library
url = "https //api ciscospark comvv1/memberships/Y2IzY29zcGf yazov371508156INISVAvOTJiM2RkOWEtNjc
1ZC00YTQxLThjNDEtMmFiZGY4OWY0NGY0OjExNzJkNmYwLTJIYZMtMTFIOS1iOWI3LWNmMjg3MTJ
hYTkzNw"

payload = "{\n \"isModerator\" true\n}"
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 55
On which network plane is routing protocol traffic handled?

A. data plane
B. management plane
C. authentication plane
D. control plane

Answer: D

NEW QUESTION 59
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 66
A company has written a script that creates a log bundle from the Cisco DNA Center every day. The script runs without error and the bundles are produced. However, when the script is run during business hours, report poor voice quality of phones calls. What explains this behavior?

A. The application is running in the Voice VLAN and causes delays and jitter in the subnet.
B. The speed and duplex settings in Cisco DNA Center are sot incorrectly, which causes the transfer to be too slow.
C. 9 The script is written in a low-level programming language where there is no memory safet
D. This causes a buffer overflow and disruption on the network.
E. Generating the logs causes the CPU on the network controller to spike, which causes delays m forwarding the voice IP packets.

Answer: D

NEW QUESTION 67
Drag and drop the Docker file instructions from the onto correct descriptions on the right. Not all options are used.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 – E, 2 – B, 3 – D, 4 – A

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
Which two elements are foundational principles of DevOps? (Choose two.)

A. designing applications as microservices
B. encouraging containers for the deployment of applications
C. organizing cross-functional teams over organizational silos
D. optimizing the cost of infrastructures
E. automating over documenting

Answer: CE

NEW QUESTION 75
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