

Cisco

Exam Questions 300-835

Automating Cisco Collaboration Solutions (CLAUTO)



NEW QUESTION 1

What is a benefit of using Python virtual environments?

- A. It isolates dependencies of every project from the system and each other.
- B. It allows Python to differentiate between package versions.
- C. It frees the developer from installing the project dependencies.
- D. It puts dependent packages in a common site-packages directory.

Answer: A

NEW QUESTION 2

Which two statements describe advantages of consuming APIs with asynchronous versus synchronous requests? (Choose two.)

- A. All Cisco APIs are designed to be invoked asynchronously.
- B. APIs respond more quickly when invoked asynchronously.
- C. Asynchronous request coding is less complex.
- D. Application threads do not block waiting for an asynchronous response.
- E. Multiple asynchronous requests can be sent simultaneously.

Answer: BD

NEW QUESTION 3

What are two key features of Cisco Unified Communications Manager Serviceability APIs? (Choose two.)

- A. save alarms and events for troubleshooting
- B. connect to serial console on phone hardware
- C. configure firewall rules on phone hardware
- D. scan servers and devices for malware
- E. real-time monitoring of components

Answer: AE

NEW QUESTION 4

Which statement describes the function of the perfmonCollectCounterData operation used in the Cisco Unified Communications Manager Serviceability Perfmon API?

- A. It returns the Perfmon data for all counters that belong to an object on a particular host.
- B. It collects files from RTMT.
- C. It collects the Perfmon data for all counters that have been added with perfmonAddCounter to the session handle returned from perfmonOpenSession.
- D. It returns the list of available Perfmon objects and counters on a particular host.

Answer: A

NEW QUESTION 5

DRAG DROP

Drag and drop the code snippets to create a valid AXL API <addUCService> request. Not all options are used.
Select and Place:

Answer Area

```

Content-Type: text.xml

Content-Length: 726
Host: cucm.cisco.com:8443

Authorization:

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns=" " >

  <soapenv:Body>
    <ns:addUcService sequence="1">
      <ucService>
        <serviceType>Video Conference Scheduling Portal</serviceType>
        <productType>Telepresence Management System</productType>
        <name>testConferenceSchedulingPortal1</name>
        <hostnameorip>10.10.10.12</hostnameorip>
        <port>8443</port>
        <protocol>https</protocol>
        <ucServiceXml>
          <TmsPortalUrl>http://10.10.10.12/</TmsPortalUrl>
        </ucServiceXml>
      </ucService>
    </ns:addUcService>
  </soapenv:Body>
</soapenv:Envelope>

```

GET https://cucm.cisco.com:8443/axl/HTTP/1.1

Basic YWRtaW46cGFzc3dvcmQ=

POST https://cucm.cisco.com:8443/axl/HTTP/1.1

http://www.cisco.com/AXL/API/12.5

AXL-Version: "CUCM:DB ver=11.5 addUcService"

Bearer YWRtaW46cGFzc3dvcmQ=

SOAPAction: "CUCM:DB ver=12.5 addUcService"

http://www.cisco.com/AXL/API/11.5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```

POST https://cucm.cisco.com:8443/axl/HTTP/1.1
Content-Type: text.xml

SOAPAction: "CUCM:DB ver=12.5 addUcService"

Content-Length: 726
Host: cucm.cisco.com:8443

Authorization: Basic YWRtaW46cGFzc3dvcmQ=

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns=" http://www.cisco.com/AXL/API/12.5 " >

  <soapenv:Body>
    <ns:addUcService sequence="1">
      <ucService>
        <serviceType>Video Conference Scheduling Portal</serviceType>
        <productType>Telepresence Management System</productType>
        <name>testConferenceSchedulingPortal1</name>
        <hostnameorip>10.10.10.12</hostnameorip>
        <port>8443</port>
        <protocol>https</protocol>
        <ucServiceXml>
          <TmsPortalUrl>http://10.10.10.12/</TmsPortalUrl>
        </ucServiceXml>
      </ucService>
    </ns:addUcService>
  </soapenv:Body>
</soapenv:Envelope>

```

GET https://cucm.cisco.com:8443/axl/HTTP/1.1

Basic YWRtaW46cGFzc3dvcmQ=

POST https://cucm.cisco.com:8443/axl/HTTP/1.1

http://www.cisco.com/AXL/API/12.5

AXL-Version: "CUCM:DB ver=11.5 addUcService"

Bearer YWRtaW46cGFzc3dvcmQ=

SOAPAction: "CUCM:DB ver=12.5 addUcService"

http://www.cisco.com/AXL/API/11.5

NEW QUESTION 6

After the AXL query ns:updatePhone is used to upgrade a phone configuration successfully, the phone does not reflect the change. Which other method must be performed for the change to take effect?

- A. ns:getPhone
- B. ns:restartPhone

- C. ns:rebootPhone
- D. ns:savePhone

Answer: B

NEW QUESTION 7

Refer to the exhibit. When a Calling Search Space is updated and a new member is added, how is a member defined?

- A.

```
<member uuid="{F6E0CD00-EC18-F16D-32E1-80C9A7A3D602}">
  <routePartitionName uuid="{5F2B2FFD-C7D2-4F30-9EF5-60110B56B939}">pt_translation-
    pattern_n</routePartitionName>
  <index>1</index>
</member>
```
- B.

```
<member uuid="{F6E0CD00-EC18-F16D-32E1-80C9A7A3D602}">
  <routePartitionName>
    <uuid>"{5F2B2FFD-C7D2-4F30-9EF5-60110B56B939}"</uuid>
    <name>pt_translation-pattern_n</name>
  </routePartitionName>
  <index>1</index>
</member>
```
- C.

```
<member>
  <routePartitionName uuid="{5F2B2FFD-C7D2-4F30-9EF5-60110B56B939}">pt_translation-
    pattern_n</routePartitionName>
  <index>1</index>
</member>
```
- D.

```
<member">
  <routePartitionName uuid="{5F2B2FFD-C7D2-4F30-9EF5-60110B56B939}">
    <name>pt_translation-pattern_n</name>
  </routePartitionName>
  <index>1</index>
</member>
```

Answer: D

NEW QUESTION 8

How is a message created using Webex Teams REST APIs?

- A. POST <https://api.ciscospark.com/v1/messages/{messageID}>
- B. POST <https://api.ciscospark.com/v1/messages/>
- C. GET <https://api.ciscospark.com/v1/messages/>
- D. PUT <https://api.ciscospark.com/v1/messages/>

Answer: B

NEW QUESTION 9

When a Webex site has single-sign-on enabled, which type of data is required in the body element of an AuthenticateUser XML API Request?

- A. Webex username and password
- B. Webex Teams OAuth access token
- C. JWT token
- D. BOT access token

Answer: B

NEW QUESTION 10

DRAG DROP

Drag and drop the correct items from the right to complete this Python script to automate the creation of Cisco Webex Teams spaces and memberships. Not all options are used.

Select and Place:

Answer Area

```
import requests

def makePost(apiKey, url, body):
    headers = {
        '': "Bearer " + apiKey,
        'Content-Type': "application/json"
    }
    response = requests.post(url = url, headers = headers, = body)
    return response

def createSpace(apiKey, roomName):
    url = "https://api.ciscospark.com/v1/rooms/"
    body = {
        "title": roomName
    }
    response = makePost(apiKey, url, body)
    roomId = 
    return roomId

def addMembership(apiKey, roomId, memberseshipEmail):
    url = "https://api.ciscospark.com/v1/memeberships/"
    body = {
        "roomId": roomId,
        "": memberseshipEmail
    }

    makePost(apikey, url, body)

def main():
    apiKey = input("What is your personal access token? ")
    spacename = input("What is the name of the space you want to create? ")
    membershipEmail = input("What is the email address of the person to add? ")
    roomId = createSpace(apiKey, spaceName)
    addMembership(apiKey, roomId, membershipEmail)

if __name__ == '__main__':
    main()
```

response['id']

personEmail

json

data

Authorization

membershipEmail

apiKey

Authentication

OAuth

response.id

response[body]["id"]

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

```
import requests

def makePost(apiKey, url, body):
    headers = {
        'Authorization': "Bearer " + apiKey,
        'Content-Type': "application/json"
    }
    response = requests.post(url = url, headers = headers, data = body)
    return response

def createSpace(apiKey, roomName):
    url = "https://api.ciscospark.com/v1/rooms/"
    body = {
        "title": roomName
    }
    response = makePost(apiKey, url, body)
    roomId = response.id
    return roomId

def addMembership(apiKey, roomId, memberseshipEmail):
    url = "https://api.ciscospark.com/v1/memeberships/"
    body = {
        "roomId": roomId,
        "personEmail": memberseshipEmail
    }

    makePost(apikey, url, body)

def main():
    apiKey = input("What is your personal access token? ")
    spacename = input("What is the name of the space you want to create? ")
    membershipEmail = input("What is the email address of the person to add? ")
    roomId = createSpace(apiKey, spaceName)
    addMembership(apiKey, roomId, membershipEmail)

if __name__ == '__main__':
    main()
```

response['id']

personEmail

json

data

Authorization

membershipEmail

apiKey

Authentication

OAuth

response.id

response[body]["id"]

NEW QUESTION 10

```
import requests

def createUser(apiKey, email, firstName, lastName, displayName):
    url = "https://api.ciscospark.com/v1/people"
    headers = {
        'Authorization': "Bearer " + apiKey,
        'Content-Type': "application/json"
    }
    body = {
        
    }
    response = requests.post(url = url, headers = headers, json=body)
    return response
```

Refer to the exhibit. Which snippet of code does a user with the administrator role use in the missing “body” section to create a new user in a Webex Teams organization?

- A. `"displayName": displayName,`
`"firstName": firstName,`
`"lastName": lastName`
- B. `"emails": {`
`email`
`}`,
`"displayName": displayName,`
`"firstName": firstName,`
`"lastName": lastName`
- C. `"email": email,`
`"displayName": displayName,`
`"firstName": firstName,`
`"lastName": lastName`
- D. `"emails": [`
`email`
`],`
`"displayName": displayName,`
`"firstName": firstName,`
`"lastName": lastName`

Answer: C

NEW QUESTION 14

A Webex Teams bot receives a Webhook payload, which notifies the bot that a message was created in a space. Which two API requests must be issued for the bot to answer the author of the message? (Choose two.)

- A. POST /v1/messages
- B. GET /v1/messages/{messageId}
- C. GET /v1/webhooks/{webhookId}
- D. PUT /v1/messages/{messageId}
- E. POST /v1/webhooks

Answer: CE

NEW QUESTION 16

Refer to the exhibit. The code includes the beginning of a short Python script that is constructed to notify the guard in case of an intruder alert. Which code snippet completes the script?

- A. `request.put('https://api.ciscospark.com/v1/rooms' + room,`
`headers = {'Authorization': 'Bearer' + token },`
`data = {`
`'toPersonEmail' : 'guard2319@perimeter.net',`
`'html' : 'Warning! Intruder alert in Section 12'`
`}`
`)`
- B. `request.post('https://api.ciscospark.com/v1/messages',`
`headers = {'Authorization': 'Bearer' + token },`
`data = {`
`'roomId' : 'Perimeter Guard Space',`
`'markdown' : '**Warning!** Intruder alert in Section 12'`
`}`
`)`
- C.

```
request.post('https://api.ciscospark.com/v1/ rooms' + room,
            headers = { 'Authorization': 'Bearer' + token },
            data = {
                'text' : 'Warning! Intruder alert in Section 12'
                'markdown' : '**Warning!** Intruder alert in Section 12'
            }
        )
D. request.post('https://api.ciscospark.com/v1/messages',
            headers = { 'Authorization': 'Bearer' + token },
            data = {
                'toPersonEmail' : 'guard2319@perimeter.net',
                'markdown' : '**Warning!** Intruder alert in Section 12'
            }
        )
```

Answer: A

NEW QUESTION 20

Which type of endpoint is used by the Cisco Unified JTAPI implementation in Cisco Unified Communications Manager?

- A. gateways
- B. gatekeepers
- C. phones
- D. SIP trunks

Answer: C

NEW QUESTION 22

When the behavior of a Cisco collaboration device is customized, which use case requires an external control system because implementing JavaScript macro does not suffice?

- A. Add a Join Webex meeting button to the touch panel.
- B. Move the shutters up and down.
- C. Trigger a “room-reset” to restore default configurations.
- D. Implement an in-room control panel for speed-dialing.

Answer: D

NEW QUESTION 26

Refer to the exhibit. This Python script uses the websocket-based, xAPI library “pyxows” to monitor and print event details to the console when users interact with UI Extension/In-Room Control ‘Action Buttons’ deployed to the Touch-10 interface of a Webex room device. Which two code snippets successfully capture such events? (Choose two.)

- A. await client.xEvent(['Event', '**'], callback)
- B. await client.subscribe(['Event', 'ActionButton', 'Clicked'], callback)
- C. await client.subscribe(['Event', '**'], callback)
- D. await client.xEvent(['Event', 'UserInterface', 'Extensions', 'Panel', 'Clicked'], callback)
- E. await client.subscribe(['Event', 'UserInterface', 'Extensions', 'Panel', 'Clicked'], callback)

Answer: DE

NEW QUESTION 29

An In-Room Control Panel can be configured as “global” (always available). Which order panel type is supported?

- A. Background
- B. Do Not Disturb
- C. Never
- D. Out-of-Call

Answer: D

NEW QUESTION 31

```
from pyxows import xows
import asyncio

async def main():

    async with xows.XoWSClient( '10.10.20.153', 'integrator', 'integrator' ) as client:

        async def callback( data, id ):
            print( f'Call status event: { data }' )

        

        await client.wait_until_closed()

asyncio.run( main() )
```

Refer to the exhibit. This exhibit is a simple Python scrip to monitor call activity for a local Webex room device. Which code snippet listens for call events and completes the script?

- A. await client.xfeedback(['Status', 'Call', 'Status'], callback, False)
- B. await client.subscribe(['Feedback', 'Call', 'Status'], callback, False)
- C. await client.subscribe(['Status', 'Call', 'Status'], callback, False)
- D. await client.xfeedback(['Feedback', 'Call', 'Status'], callback, False)

Answer: C

NEW QUESTION 35

What is the expiration time for a Cisco Webex Meeting API key to access the Webex API as an anonymous user?

- A. 3 months
- B. 12 hours
- C. one week
- D. 6 months

Answer: D

NEW QUESTION 40

Refer to the exhibit. Based on this Webex Meetings XML API schema snippet, which XML object is a valid <metaData> element?

- A.

```
<metaData>
  <confName>Sample Meeting</confName>
  <meetingType>Event Center</meetingType>
  <agenda>Coding 101</agenda>
  <isInternal>Internal</isInternal>
</metaData>
```
- B.

```
<metaData>
  <confName>Sample Meeting</confName>
  <meetingType>105</meetingType>
  <agenda>Coding 101</agenda>
  <isInternal>true</isInternal>
</metaData>
```
- C.

```
<metaData>
  <confname>Sample Meeting</confname>
  <meetingType>105</meetingType>
  <agenda>Coding 101</agenda>
  <isInternal>true</isInternal>
</metaData>
```
- D.

```
<metaData>
  <confName>Sample Meeting</confName>
  <meetingType>Event Center</meetingType>
  <agenda>Coding 101</agenda>
  <isInternal>no</isInternal>
</metaData>
```

Answer: C

NEW QUESTION 41

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