> ➤ **Vendor: Cisco**

> ➤ **Exam Code: 300-835**

> ➤ **Exam Name: Implementing Automation for Cisco Collaboration Solutions**

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**QUESTION 12**
What are two keys 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

**Correct Answer:** AE

**QUESTION 13**
Which two files must be downloaded from a Cisco Unified Communications Manager server in order to build requests for the AXL API? (Choose two.)

A. AXLEnums.xsd
B. AXL_CUCM.xsd
C. AXLSoap.xsd
D. CUCM_AXL.json
E. AXLWSDL.xml

**Correct Answer:** AC

**QUESTION 14**
Which statement describe 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.

**Correct Answer:** A

**QUESTION 15**
Which two capabilities can be implemented in a custom application using the Cisco Unified IP Phone Services API? (Choose two.)

A. Authenticate the phone to the network.
B. Display corporate directory information.
C. Play multicast messages.
D. Upgrade phone firmware.
E. Create new phone devices.

**Correct Answer:** CE

**QUESTION 16**
DRAG DROP

Drag and drop the XML snippets onto the AXL request to build a request that sets the cluster-wide Call Park Reversion Timer to 2 minutes. Not all options are used.
**Select and Place:**

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Answer Area

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
    xmlns:ns="http://www.cisco.com/AXL/API/11.5">
        <soapenv:Header/>
        <soapenv:Body>



                    <service>Cisco CallManager</service>
                    <value>120</value>


        </soapenv:Body>
</soapenv:Envelope>
```

```
<name>CallParkDisplayTimer</name>
```

```
<name>CallParkReversionTimeout</name>
```

```
<ns:updateProcessNodeService>
```

```
<processNodeName>Default</processNodeName>
```

```
</ns:updateServiceParameter>
```

```
<ns:updateServiceParameter>
```

```
</ns:updateProcessNodeService>
```

```
<processNodeName>EnterpriseWideData</processNodeName>
```

**Correct Answer:**

Answer Area

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
    xmlns:ns="http://www.cisco.com/AXL/API/11.5">
        <soapenv:Header/>
        <soapenv:Body>
                    <ns:updateServiceParameter>
            <processNodeName>EnterpriseWideData</processNodeName>
                    <name>CallParkReversionTimeout</name>
                <service>Cisco CallManager</service>
                <value>120</value>
                    </ns:updateServiceParameter>
        </soapenv:Body>
</soapenv:Envelope>
```

```
<name>CallParkDisplayTimer</name>
```

```
<name>CallParkReversionTimeout</name>
```

```
<ns:updateProcessNodeService>
```

```
<processNodeName>Default</processNodeName>
```

```
</ns:updateServiceParameter>
```

```
<ns:updateServiceParameter>
```

```
</ns:updateProcessNodeService>
```

```
<processNodeName>EnterpriseWideData</processNodeName>
```

**QUESTION 17**
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>testConferenceSchedulingPortal</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 | AXL-Version: "CUCM:DB ver=11.5 addUcService" |
| Basic YWRtaW46oGFzc3dvcmQ= | Bearer YWRtaW46oGFzc3dvcmQ= |
| POST https://cucm.cisco.com:8443/axl/HTTP/1.1 | SOAPAction: "CUCM:DB ver=12.5 addUcService" |
| http://www.cisco.com/AXL/API/12.5 | http://www.cisco.com/AXL/API/11.5 |

**Correct Answer:**

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 YWRtaW46oGFzc3dvcmQ=        ]

<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>testConferenceSchedulingPortal</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>
```

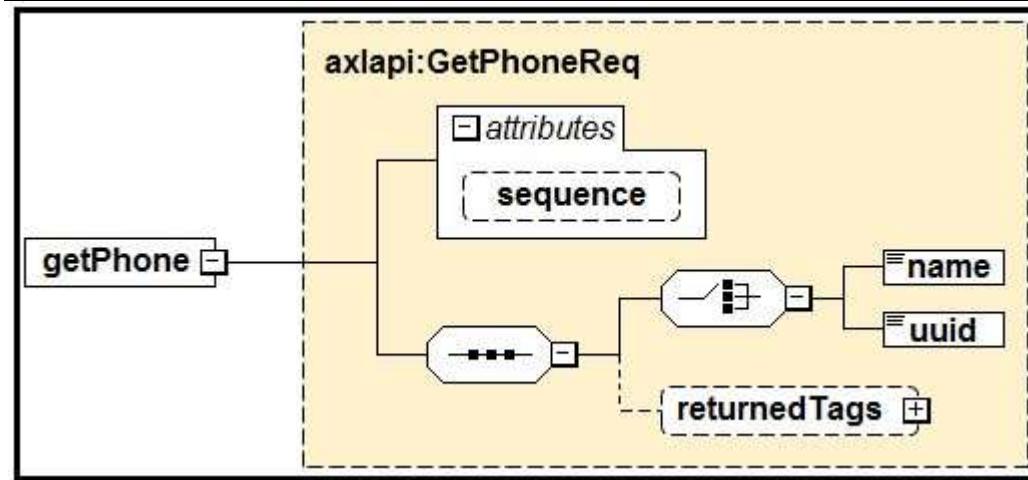| | |
|---|---|
| GET https://cucm.cisco.com:8443/axl/HTTP/1.1 | AXL-Version: "CUCM:DB ver=11.5 addUcService" |
| Basic YWRtaW46oGFzc3dvcmQ= | Bearer YWRtaW46oGFzc3dvcmQ= |
| POST https://cucm.cisco.com:8443/axl/HTTP/1.1 | SOAPAction: "CUCM:DB ver=12.5 addUcService" |
| http://www.cisco.com/AXL/API/12.5 | http://www.cisco.com/AXL/API/11.5 |

**QUESTION 18**
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

**Correct Answer:** B

**QUESTION 19**

Refer to the exhibit. Based on the schema diagram in the exhibit, which two XML objects are valid AXL <getPhone> request <Body> elements? (Choose two.)

A.
```
<soapenv:Body>
    <ns:getPhone sequence="1">
        <name>BOT209342098</name>
        <returnedtags><model/></returnedtags>
    </ns:getPhone>
</soapenv:Body>
```

B.
```
<soapenv:Body>
    <ns:getPhone>
        <name>BOT209342098</name>
        <returnedTags><model/></returnedTags>
    </ns:getPhone>
</soapenv:Body>
```

C.
```
<soapenv:Body>
    <ns:getPhone>
        <name>BOT209342098</name>
        <uuid>{2B1931A2-8FC2-A0C2-7282-B88B5A6356A0}</uuid>
    </ns:getPhone>
</soapenv:Body>
```

D.
```
<soapenv:Body>
    <ns:getPhone sequence="1">
        <uuid>{2B1931A2-8FC2-A0C2-7282-B88B5A6356A0}</uuid>
    </ns:getPhone>
</soapenv:Body>
```

E.
```
<soapenv:Body>
    <ns:getPhone sequence="1">
        <name>BOT209342098</name>
        <returnedTags>All</returnedTags>
    </ns:getPhone>
</soapenv:Body>
```

**Correct Answer:** E

**QUESTION 20**
DRAG DROP

Drag drop the code to create a valid AXL API script to create a new Route Partition, using the Python Zeep library. Not all options are used.

**Select and Place:**



**Correct Answer:**

Answer Area

```
from requests import Session
from requests import auth
from zeep import Client
from zeep.transports import Transport

session = Session()
session.auth = auth.  [HTTPBasicAuth]  ('Administrator', 'ciscopsdt')

client = Client(wsdl = '  [AXLAPI.wsdl]  ', transport = Transport(session=session))

service = client.create service('{http://www.cisco.com/AXLAPIService/}AXLAPIBinding',

        'https://ds-ucm1251.cisco.com  [:8443/axl/]  ')

data = {
        'name': 'Secure Lab'
}

resp = service. [addRoutePartition] (data)
```

| :8443/axl/ | AXLAPI.wsdl | AXLSoap.xsd | HTTPDigestAuth |
|---|---|---|---|
| HTTPBasicAuth | createPartition | addRoutePartition | /axlapi |

**QUESTION 21**

| complexType XCallingSearchSpaceMember | |
|---|---|
| diagram |  |
| namespace | http://www.cisco.com/AXL/API/12.5 |
| children | **routePartitionName index** |
| used by | elements **XCss/members/member UpdateCssReq/removeMembers/member UpdateCssReq/addMembers/member UpdateCssReq/members/member** |
| source | `<xsd:complexType name="XCallingSearchSpaceMember">`<br>`  <xsd:sequence minOccurs="0">`<br>`    <xsd:element name="routePartitionName" type="axlapi:XFkType" minOccurs="1" maxOccurs="1"/>`<br>`    <xsd:element name="Index" type="axlapi:XInteger" minOccurs="1" maxOccurs="1"/>`<br>`  </xsd:sequence>`<br>`</xsd:complexType>` |

| element XCallingSearchSpaceMember/routePartitionName | | | | | | |
|---|---|---|---|---|---|---|
| diagram |  | | | | | |
| type | **axlapi:XFkType** | | | | | |
| properties | content **complex** | | | | | |
| attributes | Name<br>**uuid** | Type<br>**axlapi:XUUID** | Use<br>**optional** | Default | Fixed | Annotation |
| source | `<xsd:element name="routePartitionName" type="axlapi:XFkType" minOccurs="1" maxOccurs="1"/>` | | | | | |

| element XCallingSearchSpaceMember/routePartitionName | | | | | | |
|---|---|---|---|---|---|---|
| diagram | index | | | | | |
| type | **axlapi:XInteger** | | | | | |
| properties | content **simple** | | | | | |
| attributes | Name<br>**uuid** | Type<br>**axlapi:XUUID** | Use<br>**optional** | Default | Fixed | Annotation |
| source | `<xsd:element name="Index" type="axlapi:XInteger" minOccurs="1" maxOccurs="1"/>` | | | | | |

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>
```

```
<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>
```

**Correct Answer:** D

**QUESTION 22**
Which two use cases can be accomplished using the Finesse JavaScript library? (Choose two.)

A.  Integrate customer relationship management capabilities into the Finesse agent desktop.
B.  Build a custom browser-based agent desktop.
C.  Build a Finesse gadget to add quick dial to the Finesse agent desktop.
D.  Build a Finesse gadget to create new agents on the Finesse system.
E.  Build a Finesse gadget to configure Finesse log levels for the Finesse administrator console.

**Correct Answer:** AB