

➤ **Vendor:** Cisco➤ **Exam Code:** 200-901➤ **Exam Name:** Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)➤ **New Updated Questions from** [Braindump2go](#) (Updated in [May/2020](#))**[Visit Braindump2go and Download Full Version 200-901 Exam Dumps](#)****QUESTION 13**

Refer to Exhibit. Which JSON is equivalent to the XML-encoded data?

```
<books>
  <science>
    <biology>10.00</biology>
    <geology>9.00</geology>
    <chemistry>8.00</chemistry>
  </science>
  <math>
    <calculus>20.00</calculus>
    <algebra>12.00</algebra>
  </math>
</books>
```

A.

```
{
  "books": {
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  }
}
```

B.

```
{
  "books": {
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  }
}
```

C.

```
{
  "books": [
    "science", {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math", {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  ]
}
```

D.

```
{
  "books": {
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  }
}
```

Answer: D**QUESTION 14**

Which platform is run directly using a hypervisor?

- A. bare metal systems
- B. containers
- C. virtual machines
- D. applications

Answer: C**QUESTION 15**

What is the purpose of a firewall in application deployment?

- A. adds TLS support to an application that does not support it natively
- B. forwards traffic to a pool of instances of the application

- C. provides translation for an application's hostname to its IP address
- D. limits traffic to only ports required by the application

Answer: D

QUESTION 16

What is used in Layer 2 switches to direct packet transmission to the intended recipient?

- A. spanning tree
- B. IPv4 address
- C. IPv6 address
- D. MAC address

Answer: D

QUESTION 17

What operation is performed with YANG model-driven programmability in NX-OS?

- A. configure a device with native and OpenConfig-based models
- B. send CLI commands to a device and retrieve output in JSON format
- C. run Linux commands natively on the device
- D. bootstrap a device that has a factory-default configuration

Answer: A

QUESTION 18

Users cannot access a webserver and after the traffic is captured, the capture too* shows an ICMP packet that reports "communication administratively prohibited"
What is the cause of this webserver access issue?

- A. An access list along the path is blocking the traffic
- B. The traffic is not allowed to be translated with NAT and dropped.
- C. Users must authenticate on the webserver to access it
- D. A router along the path is overloaded and thus dropping traffic

Answer: A

QUESTION 19

How does requesting a synchronous API operation differ from requesting an asynchronous API operation?

- A. clients poll for the status of the execution of operations
- B. clients subscribe to a webhook for operation results
- C. clients can access the results immediately
- D. clients receive responses with a task id for further processing

Answer: C

QUESTION 20

Drag and Drop Question

Drag and drop the capability on the left onto the Cisco compute management platform that supports the capability on the right.

| | |
|---|--------------|
| Multi-Cloud automation and orchestration platform for Cisco and third-party servers, networks, storage, and converged infrastructure. | UCS Manager |
| Software as a Service Platform that enables Cisco infrastructure management, automation and orchestration from anywhere. | UCS Director |
| Embedded software that enables Cisco server, fabric, and storage provisioning. | Intersight |

Answer:

| | |
|--|---|
| | Embedded software that enables Cisco server, fabric, and storage provisioning. |
| | Multi-Cloud automation and orchestration platform for Cisco and third-party servers, networks, storage, and converged infrastructure. |
| | Software as a Service Platform that enables Cisco infrastructure management, automation and orchestration from anywhere. |

QUESTION 21

FILL IN THE BLANK

Fill in the blanks to complete the Bash script in which each file in a directory is renamed to its SHA256 hash?

```
TARGET_DIR=/usr/local/certs
for f in   ; do
     $(openssl sha -sha256 -r < $f | cut -f1 -d' ')
done
```

Answer: ls,\$TARGET_DIR,mv

Explanation:

Check below the answer exact.

```
TARGET_DIR=/usr/local/certs
for f in  $(TARGET_DIR) ; do
     $(openssl sha -sha256 -r < $f | cut -f1 -d' ')
done
```

QUESTION 22

Drag and Drop Question

Drag and drop the function on the left onto the type of plane that handles the function on the right.

| Function | Plane |
|---|------------------|
| handles transit traffic | Control Plane |
| handles signaling protocols destined to the device | Control Plane |
| handles hardware forwarding decisions | Control Plane |
| handles configuration change protocols destined to the device | Management Plane |
| handles BGP destined to the device | Management Plane |
| handles NETCONF destined to the device | Management Plane |

Answer:

| Plane | Function |
|------------------|---|
| Control Plane | handles signaling protocols destined to the device |
| Control Plane | handles BGP destined to the device |
| Management Plane | handles configuration change protocols destined to the device |
| Management Plane | handles NETCONF destined to the device |
| Data Plane | handles transit traffic |
| Data Plane | handles hardware forwarding decisions |

QUESTION 23

Drag and Drop Question

Drag and drop the Python code from the left onto the correct step on the right to call a REST API.

| Python Code | Step |
|---|---|
| response = requests.post(url, data=json.dumps(payload), \n headers=header, verify=False) | Step 1 - Import the correct libraries. |
| ticket = r_json["Token"]\n print (ticket) | Step 2 - Declare the necessary variable. |
| r_json = response.json()\n print(r_json) | Step 3 - Send the HTTP Request. |
| import requests\n import json | Step 4 - Format and display the response in JSON readable format. |
| controller = 'demetapocisco.com/sandbox/dnacenter'\n url = "https://" + controller + "/dna/system/api/v1/auth/token"\n payload = { 'username': 'devnetuser', 'password': 'pa55word' }\n header = { 'Content-type': 'application/json' } | Step 5 - Parse the response to display the Service Ticket. |

Answer:

| | |
|--|--|
| | <pre>import requests import json</pre> |
| | <pre>controller = 'devnetappliance.com/sandbox/dnacenter' url = 'https://' + controller + '/dna/system/api/v1/auth/token' payload = { 'username': 'devnetuser', 'password': 'pa55word' } header = { 'Content-type': 'application/json' }</pre> |
| | <pre>response = requests.post(url, data=json.dumps(payload), \ headers=header, verify=False)</pre> |
| | <pre>r_json = response.json() print(r_json)</pre> |
| | <pre>ticket = r_json["Token"] print(ticket)</pre> |

QUESTION 24**FILL IN THE BLANK**

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://webexapis.com/v1/rooms/{room_id}/memberships'
payload = { 'username': 'devnetuser', 'password': 'pa55word' }
header = { 'Content-type': 'application/json' }
response = requests.post(url, data=json.dumps(payload), \
headers=header, verify=False)
print(response.json())
```

Answer: request,headers,payload