



Cisco

200-901 Exam

DevNet Associate (DEVASC) Exam

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**Questions & Answers
(Demo Version – Limited Content)**

Version: 8.0

Question: 1

Users cannot access a webserver and after the traffic is captured, the capture tool shows an ICMP packet that reports "time exceeded in-transit". What is the cause of this webserver access issue?

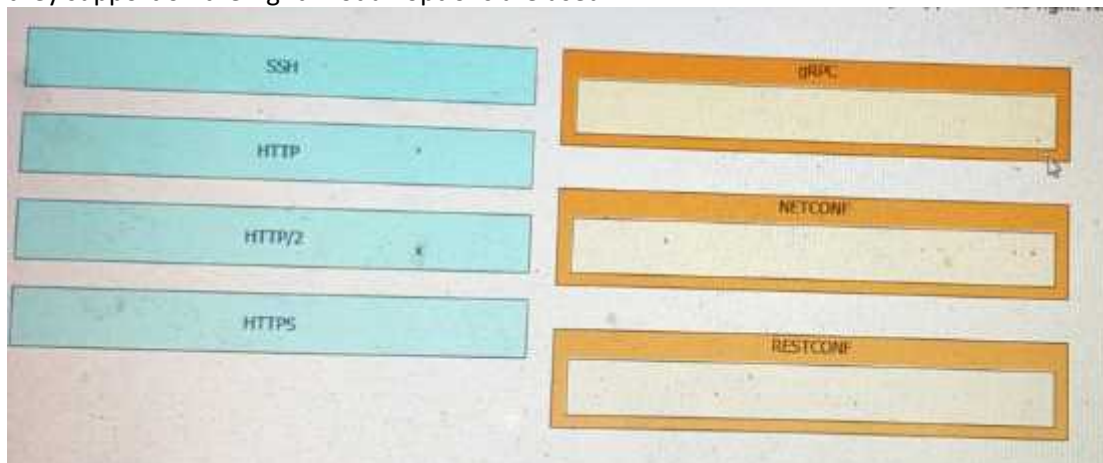
- A. A router along the path is misrouting the packets in a wrong direction.
- B. A router along the path has the wrong time.
- C. The server is too far away and the packets require too much time to reach it
- D. The server is too loaded and the connection could not be handled in time

Answer: A

Question: 2

DRAG DROP

Drag and drop the network automation interfaces from the left onto the transport protocols that they support on the right. Not all options are used.



Answer:



Question: 3

Refer to Exhibit.

```
<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>
```

Which JSON is equivalent to the XML-encoded data.

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"
    }
  ]
}
```

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

Answer: D

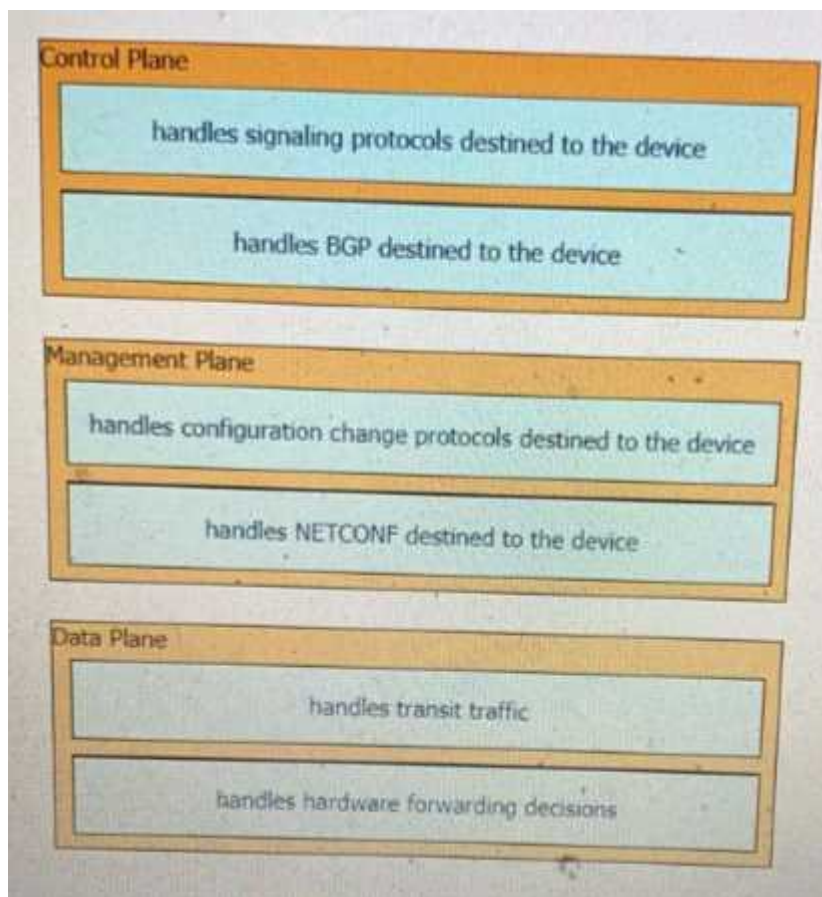
Question: 4

DRAG DROP

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

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

Answer:



Question: 5

Which platform is run directly using a hypervisor?

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

Answer: C

Question: 6

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: 7

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: 8

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: 9

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: 10

DRAG DROP

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

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

Answer:

```
import requests  
import json
```

```
controller = 'devnetapi.cisco.com/sandbox/dnacenter'  
url = "https://" + controller + "/dna/system/api/v1/auth/token"  
payload = { 'username': 'devnetuser', 'password': 'pa55word' }  
header = { 'Content-type': 'application/json' }
```

```
response = requests.post(url, data=json.dumps(payload), \  
headers=header, verify=False)
```

```
r_json = response.json()  
print(r_json)
```

```
ticket = r_json["Token"]  
print (ticket)
```

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