

# 350-401<sup>Q&As</sup>

Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) & CCIE Enterprise Infrastructure & CCIE Enterprise Wireless

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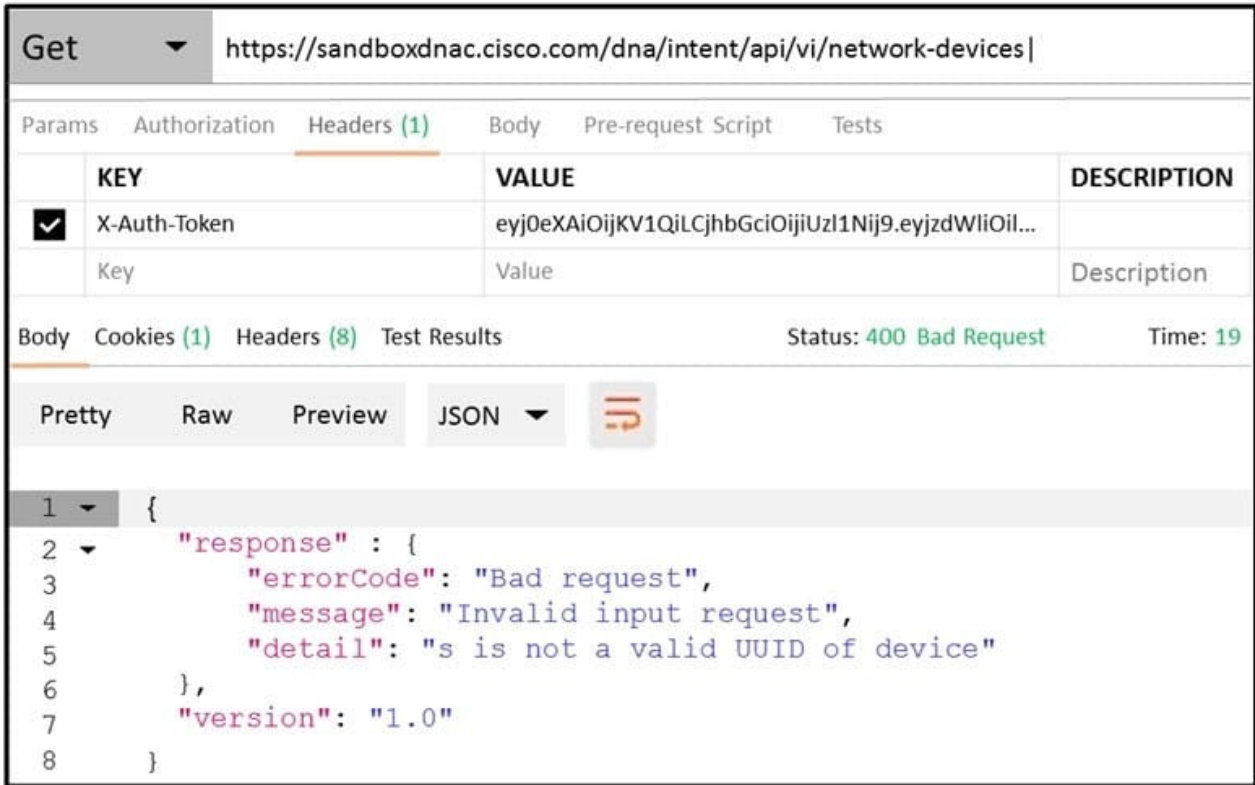
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**QUESTION 1**

Refer to the exhibit.



POSTMAN is showing an attempt to retrieve network device information from Cisco DNA Center API. What is the issue?

- A. The URI string is incorrect
- B. The token has expired.
- C. Authentication has failed.
- D. The JSON payload contains the incorrect UUID

Correct Answer: A

With \\s\\

GET `https://DNAC:Port/dna/intent/api/v1/network-devices`

{

"response": {

"errorCode": "Bad request",

```
"message": "Invalid input request",
"detail": "s is not a valid UUID of device"
},
"version": "1.0"
}
without \\s\\

GET https://DNAC:Port//dna/intent/api/v1/network-device

{
"response": [
{
"type": "Cisco 3504 Wireless LAN Controller",
"description": "Cisco Controller Wireless Version:8.5.140.0",
"serialNumber": "FOL25040021",
```

---

### QUESTION 2

What are some of the key differences between HSRPv1 and HSRPv2? (Choose two.)

- A. HSRPv1 uses the multicast address of 224.0.0.102 while HSRPv2 uses 225.0.0.2.
- B. HSRP uses a group range of 0-255, while HSRP uses a group range of 0-4095.
- C. HSRPv1 uses seconds based timers, while HSRPv2 uses milliseconds based timers.
- D. HSRPv1 provides support for IPv6, while HSRPv2 supports IPv4 only.

Correct Answer: BC

should be HSRPv1, HSRPv2

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### QUESTION 3

Which security measure mitigates a man-in-the-middle attack of a REST API?

- A. SSL certificates
- B. biometric authentication
- C. password hash
- D. non repudiation feature

Correct Answer: A

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**QUESTION 4**

In an SD-WAN deployment, which action in the vSmart controller responsible for?

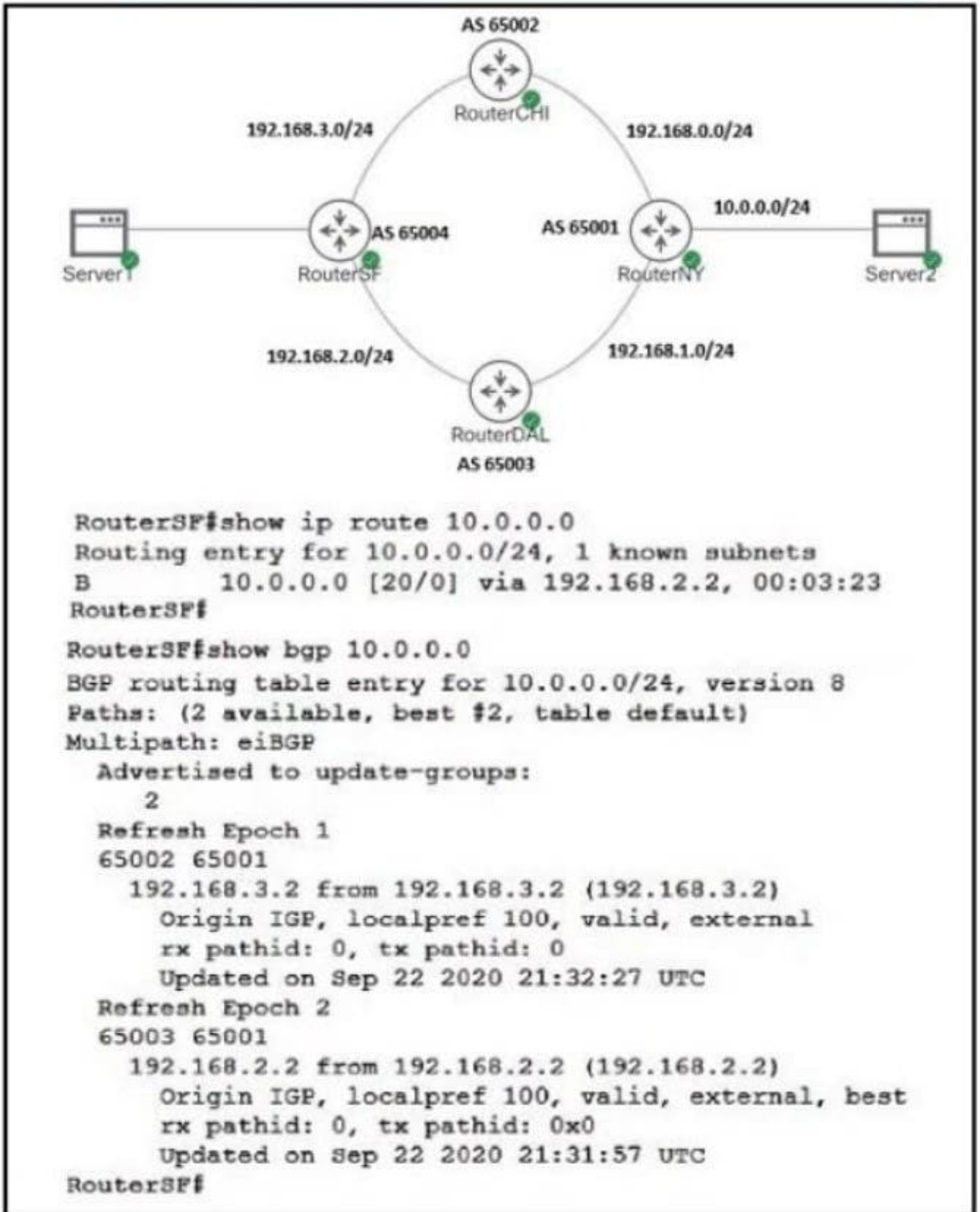
- A. handle, maintain, and gather configuration and status for nodes within the SD-WAN fabric
- B. distribute policies that govern data forwarding performed within the SD-WAN fabric
- C. gather telemetry data from vEdge routers
- D. onboard vEdge nodes into the SD-WAN fabric

Correct Answer: B

- onboard WAN Edge nodes into the Cisco SD-WAN fabric. (vBond)
  - gather telemetry data from WAN Edge routers. (vAnalytics)
  - distribute policies that govern data forwarding performed within the Cisco SD-WAN fabric. (vSmart)
  - handle, maintain, and gather configuration and status for nodes within the Cisco SD-WAN fabric. (vManage)
- 

**QUESTION 5**

Refer to the exhibit.



After configuring the BGP network, an engineer verifies that the path between server1 and server2 is functional, why did RouterSF choose the route from RouterDAL instead of the route from RouterCHI?

- A. BGP is not running on RouterCHI
- B. The Router-ID for Router DAL is lower than Router-ID for RouterCHI
- C. There is a static route in RouterSF for 10.0.0.0/24
- D. The route from RouterDAL has a lower MED

Correct Answer: B

All things being the same, we see that DAL has the lower router ID. C does not make sense, as the med value is stripped when crossing AS's and is only useable for iBGP peers.

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#### QUESTION 6

Which feature is provided by Cisco Mobility Services Engine in a Cisco Wireless Unified Network architecture?

- A. It adds client packet capturing.
- B. It enables NetFlow data collection.
- C. It adds client tracking and location API.
- D. It identifies authentication problems.

Correct Answer: C

This solution allows a customer to track any Wi-Fi device, including clients, active RFID tags, and rogue clients and access points (APs). <https://mrncciew.com/2013/04/05/mobility-service-engine-mse/>

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#### QUESTION 7

Which configuration allows administrators to configure the device through the console port and use a network authentication server?

- A. `aaa new-model`  
`aaa authentication login default local`  
`aaa authorization console`  
`aaa authorization config-commands`  
`username netadmin secret 9 $9$vFpMf8elb4RVV8$seZ/bDAX1uV`
- B. `aaa new-model`  
`aaa authentication login default local`  
`aaa authorization console`  
`aaa authorization config-commands`
- C. `aaa new-model`  
`aaa authentication login default line`
- D. `aaa new-model`  
`aaa authentication login default group radius`  
`aaa authorization console`  
`aaa authorization config-commands`

Correct Answer: D

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#### QUESTION 8

On which protocol or technology is the fabric data plane based in Cisco SD-Access fabric?

- A. LISP
- B. IS-IS
- C. Cisco TrustSec
- D. VXLAN

Correct Answer: D

The tunneling technology used for the fabric data plane is based on Virtual Extensible LAN (VXLAN). VXLAN encapsulation is UDP based, meaning that it can be forwarded by any IP-based network (legacy or third party) and creates the overlay network for the SD-Access fabric. Although LISP is the control plane for the SD-Access fabric, it does not use LISP data encapsulation for the data plane; instead, it uses VXLAN encapsulation because it is capable of encapsulating the original Ethernet header to perform MAC-in-IP encapsulation, while LISP does not. Using VXLAN allows the SD-Access fabric to support Layer 2 and Layer 3 virtual topologies (overlays) and the ability to operate over any IP-based network with built-in network segmentation (VRF instance/VN) and built-in group-based policy. Reference: CCNP and CCIE Enterprise Core ENCOR 350-401 Official Cert Guide

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#### QUESTION 9

Which action limits the total amount of memory and CPU that is used by a collection of VMs?

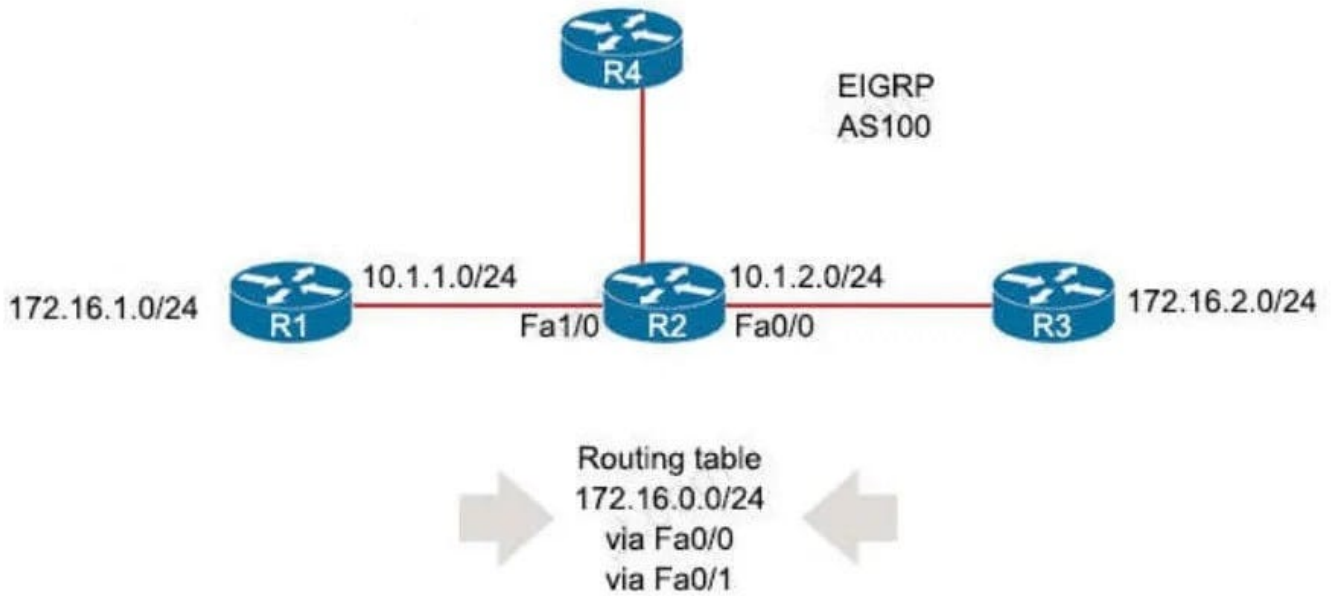
- A. Place the collection of VMs in a resource pool.
- B. Place the collection of VMs in a vApp.
- C. Limit the amount of memory and CPU that is available to the cluster.
- D. Limit the amount of memory and CPU that is available to the individual VMs.

Correct Answer: A

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#### QUESTION 10

Refer to the exhibit. R4 is experiencing packet drop when trying to reach 172.16.2.7 behind R2. Which action resolves the issue?



- A. Insert a /24 floating static route on R2 toward R3 with metric 254.
- B. Disable auto summarization on R2.
- C. Insert a /16 floating static route on R2 toward R3 with metric 254.
- D. Enable auto summarization on all three routers R1, R2, and R3.

Correct Answer: B

**QUESTION 11**

Refer to the exhibit.

```
ip sla 10
icmp-echo 192.168.10.20
timeout 500
frequency 3
ip sla schedule 10 life forever start-time now
track 10 ip sla 10 reachability
```

The IP SLA is configured in a router. An engineer must configure an EEM applet to shut down the interface and bring it back up when there is a problem with the IP SLA. Which configuration should the engineer use?

- A. event manager applet EEM\_IP\_SLA event track 10 state down
- B. event manager applet EEM\_IP\_SLA event track 10 state unreachable



- C. event manager applet EEM\_IP\_SLA event sla 10 state unreachable
- D. event manager applet EEM\_IP\_SLA event sla 10 state down

Correct Answer: A

The ip sla 10 will ping the IP 192.168.10.20 every 3 seconds to make sure the connection is still up. We can configure an EEM applet if there is any problem with this IP SLA via the command event track 10 state down. Reference: <https://www.theroutingtable.com/ip-sla-and-cisco-eem/>

**QUESTION 12**

DRAG DROP

Drag and drop the characteristics from the left onto the deployment types on the right.

Select and Place:

	<b>On-Premises</b>
It is responsible for hardware maintenance.	
It provides on-demand scalability.	
Maintenance is handled by a third party.	<b>Cloud-Based</b>
Scalability requires time and effort.	

Correct Answer:

	<b>On-Premises</b>
	It is responsible for hardware maintenance.
	Scalability requires time and effort.
	<b>Cloud-Based</b>
	It provides on-demand scalability.
	Maintenance is handled by a third party.

**QUESTION 13**

An EEM applet contains this command:

```
event snmp oid 1.3.6.1.4.3.8.0.5.8.7.1.3 get-type next entry-op gt entry-val 80 poll-interval 8
```

What is the result of the command?

- A. An SNMP event is generated when the value equals 80% for eight polling cycles.
- B. An SNMP event is generated when the value is greater than 80% for eight polling cycles.
- C. An SNMP event is generated when the value reaches 80%.
- D. An SNMP variable is monitored and an action is triggered when the value exceeds 80%.

Correct Answer: D

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**QUESTION 14**

Which two statements about VRRP are true? (Choose two)

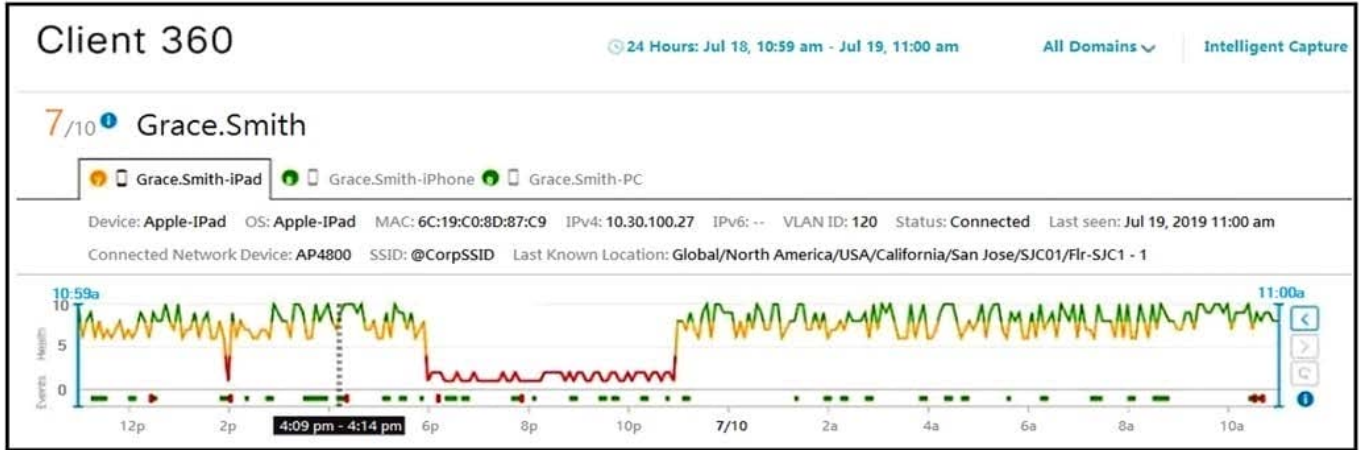
- A. It supports both MD5 and SHA1 authentication.
- B. It is assigned multicast address 224.0.0.9.
- C. Three versions of the VRRP protocol have been defined.
- D. It is assigned multicast address 224.0.0.8.
- E. The TTL for VRRP packets must be 255.
- F. Its IP address number is 115.

Correct Answer: CE

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**QUESTION 15**

Refer to the exhibit.



Cisco DNA Center has obtained the username of the client and the multiple devices that the client is using on the network. How is Cisco DNA Center getting these context details?

- A. The administrator had to assign the username to the IP address manually in the user database tool on Cisco DNA Center.
- B. Those details are provided to Cisco DNA Center by the Identity Services Engine
- C. Cisco DNA Center pulled those details directly from the edge node where the user connected.
- D. User entered those details in the Assurance app available on iOS and Android devices

Correct Answer: B

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