QUESTION 374
Refer to the exhibit. Which switch becomes the root of the spanning tree for VLAN 110?
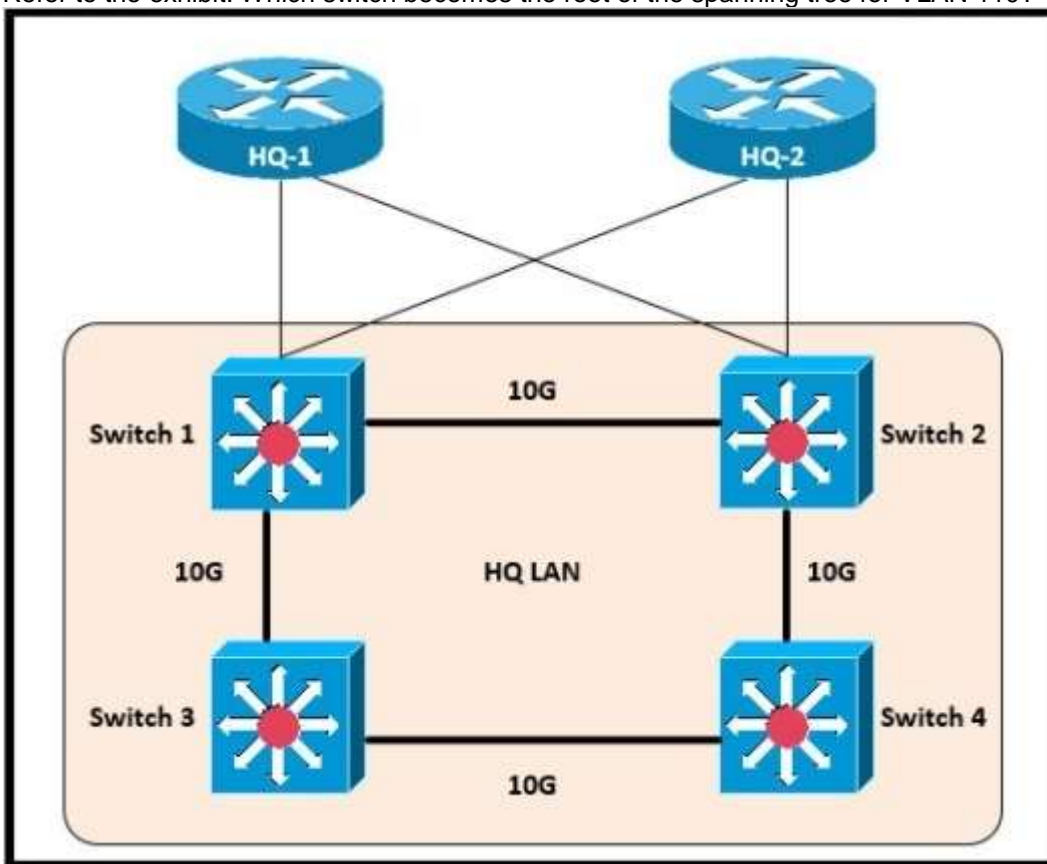
Switch 1
VLAN 110 - 32778 0018.184e.3c00
Switch 2
VLAN 110 - 24586 001a.e3ff.a680
Switch 3
VLAN 110 - 28682 0022.55cf.cc00
Switch 4
VLAN 110 - 64000 0e38.7363.657f

A. Switch 1
B. Switch 2

C. Switch 3
D. Switch 4

Answer: B

QUESTION 375
Where does a switch maintain DHCP snooping information?

A. in the MAC address table
B. in the CAM table
C. in the binding database
D. in the frame forwarding database

Answer: C

QUESTION 376
What is the expected outcome when an EUI-64 address is generated?

A. The seventh bit of the original MAC address of the interface is inverted
B. The interface ID is configured as a random 64-bit value
C. The characters FE80 are inserted at the beginning of the MAC address of the interface
D. The MAC address of the interface is used as the interface ID without modification

Answer: A

QUESTION 377
Refer to Exhibit. Which configuration must be applied to the router that configures PAT to translate all addresses in VLAN 200 while allowing devices on VLAN 100 to use their own IP addresses?
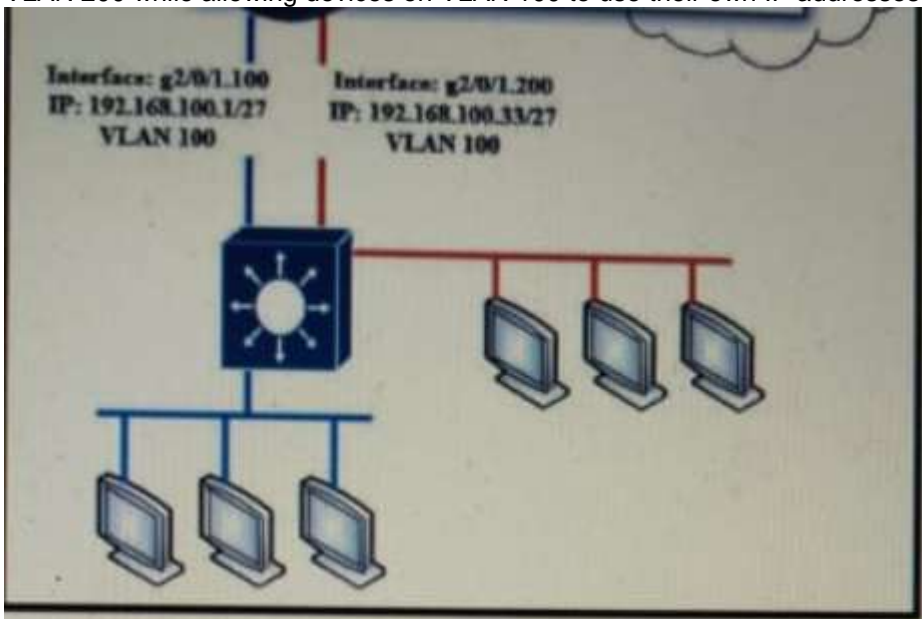
A. Option A
B. Option B
C. Option C
D. Option D

Answer: D

QUESTION 378
Which CRUD operation corresponds to the HTTP GET method?

A. read
B. update
C. create
D. delete

Answer: A
Explanation:
GET: This method retrieves the information identified by the request URI. In the context of the RESTful web services, this method is used to retrieve resources. This is the method used for read operations (the R in CRUD).
https://hub.packtpub.com/crud-operations-rest/

QUESTION 379
What is an advantage of Cisco DNA Center versus traditional campus device management?

A. It supports numerous extensibility options including cross-domain adapters and third- party SDKs.
B. It supports high availability for management functions when operating in cluster mode.
C. It enables easy autodiscovery of network elements m a brownfield deployment.
D. It is designed primarily to provide network assurance.

Answer: A

QUESTION 380
Refer to the exhibit. After the configuration is applied, the two routers fail to establish an OSPF neighbor relationship. what is the reason for the problem?
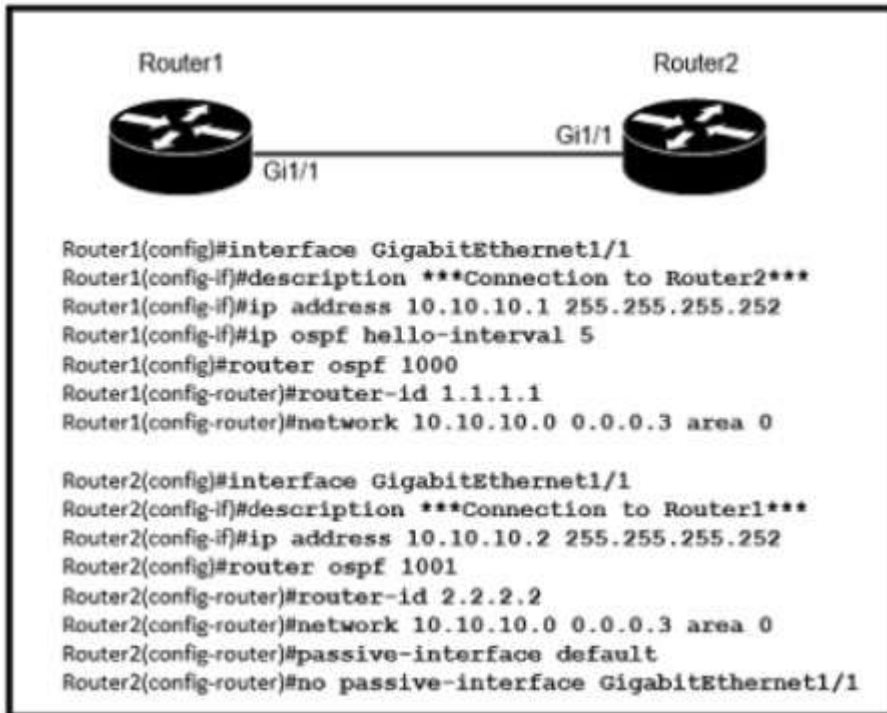
A. The OSPF router IDs are mismatched.
B. Router2 is using the default hello timer.
C. The network statement on Router1 is misconfigured.
D. The OSPF process IDs are mismatched.

Answer: B

QUESTION 381
What does a router do when configured with the default DNS lookup settings, and a URL is entered on the CLI?

A. initiates a ping request to the URL
B. prompts the user to specify the desired IP address
C. continuously attempts to resolve the URL until the command is cancelled
D. sends a broadcast message in an attempt to resolve the URL

Answer: B

QUESTION 382
Refer to the exhibit. An administrator must configure interfaces Gi1/1 and Gi1/3 on switch SW11 PC-1 and PC- 2 must be placed in the Data VLAN and Phone-1 must be placed in the Voice VLAN.
Which configuration meets these requirements?
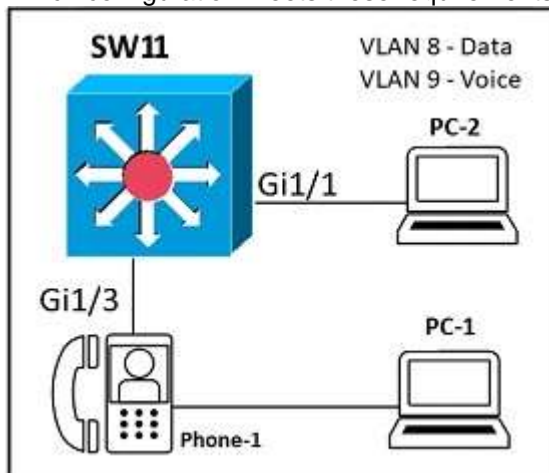
```
  interface gigabitethernet1/1
  switchport mode access
  switchport access vlan 8
  !
  interface gigabitethernet1/3
  switchport mode access
  switchport voice vlan 8
  switchport access vlan 9

  interface gigabitethernet1/1
  switchport mode access
  switchport access vlan 9
  !
  interface gigabitethernet1/3
  switchport mode trunk
  switchport trunk vlan 8
  switchport trunk vlan 9

  interface gigabitethernet1/1
  switchport mode access
  switchport access vlan 8
  !
  interface gigabitethernet1/3
  switchport mode access
  switchport access vlan 8
  switchport voice vlan 9

  interface gigabitethernet1/1
  switchport mode access
  switchport access vlan 8
  !
  interface gigabitethernet1/3
  switchport mode trunk
  switchport trunk vlan 8
  switchport voice vlan 9
```

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

Answer: C

QUESTION 383
Which condition must be met before an NMS handles an SNMP trap from an agent?

A. The NMS software must be loaded with the MIB associated with the trap.
B. The NMS must be configured on the same router as the SNMP agent
C. The NMS must receive a trap and an inform message from the SNMP agent within a configured interval
D. The NMS must receive the same trap from two different SNMP agents to verify that it is reliable.

Answer: A

QUESTION 384
What is the effect when loopback interfaces and the configured router ID are absent during the OSPF Process configuration?

A. No router ID is set, and the OSPF protocol does not run.
B. The highest up/up physical interface IP address is selected as the router ID.
C. The lowest IP address is incremented by 1 and selected as the router ID.
D. The router ID 0.0.0.0 is selected and placed in the OSPF process.

Answer: B

QUESTION 385
Which device controls the forwarding of authentication requests for users when connecting to the network using a lightweight access point?

A. TACACS server
B. wireless access point
C. RADIUS server
D. wireless LAN controller

Answer: D