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**QUESTION 1**

What is a reason to create a virtual link between two OSPF routers?

- A. to permit OSPF to operate between two routers that also run VRRP
- B. to create a connection between two areas that are not directly connected to Area 0
- C. to permit an OSPF adjacency between two VSF fabrics
- D. to monitor connectivity with the neighbor, but not exchange the routing table

Correct Answer: B

QUESTION 2

Which situation requires an AOS-Switch interface to support MAC-based VLANs?

- A. The interface has an extended MAC ACL applied to it in the outbound direction, and it uses VLAN ID as one of the criteria for rules.
- B. The interface has an extended MAC ACL applied to it in the inbound direction, and it has multiple tagged VLAN assignments.
- C. The interface is configured to support Local MAC Authentication (LMA), authenticates endpoints against a non-default MAC group, and limits the address count to 1.
- D. The interface is configured to support 802.1X in user-based mode, connects to more than one endpoint at a time, and users are assigned to different dynamic VLANs.

Correct Answer: B

QUESTION 3

A network administrator enters this command on an AOS-Switch:

```
Switch(config)# radius-server host 10.1.3.3 time-window 60
```

Which behavior will the switch show?

- A. It will wait one minute for a response from the RADIUS server before it sends another message
- B. It will reject RADIUS server change of authorization (CoA) messages with timestamps that are more than one minute old
- C. It will maintain idle user sessions for one minute before it re-authenticates the user to the RADIUS server
- D. It will give supplicants up to one minute to respond to RADIUS challenges before it considers authentication failed

Correct Answer: A

**QUESTION 4**

Refer to the exhibits. Exhibit 1

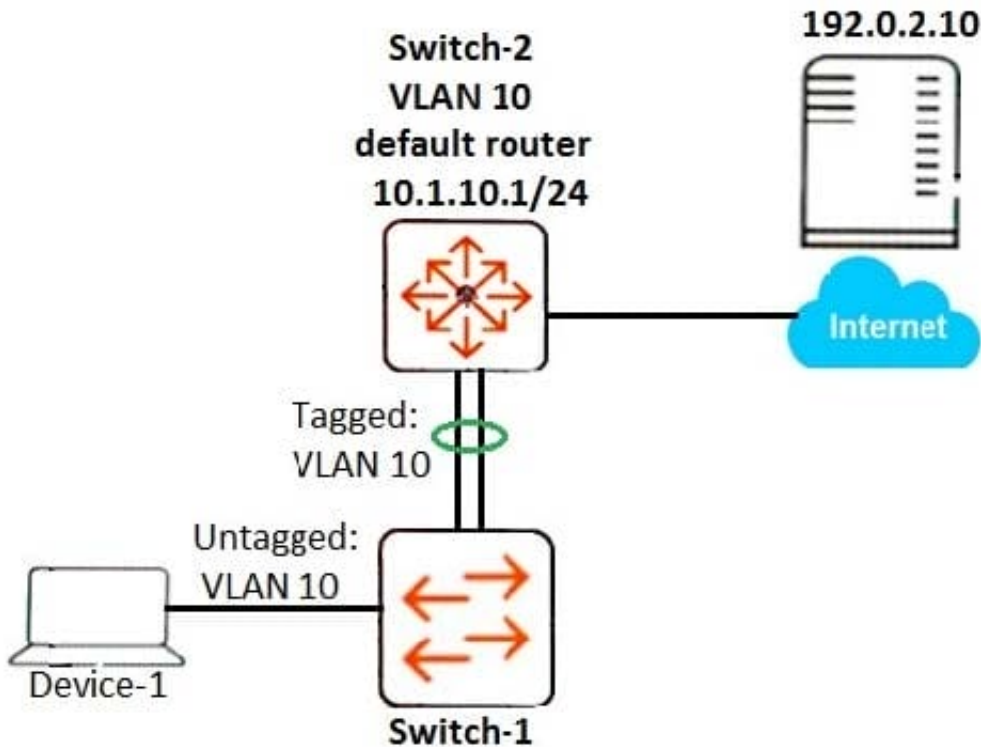


Exhibit 2 A network administrator applies the ACL to Switch-2, as shown in the exhibit. Device-1, IP address 10.1.10.10/24, attempts to open an HTTP session with host 192.0.2.10 on the Internet.

Partial Switch-2 running config

```
ip access list extended "myACL"  
 50 permit udp 0.0.0.0 255.255.255.255 0.0.0.0 255.255.255.255 eq 67  
 150 permit udp 0.0.0.0 255.255.255.255 10.1.1.10 0.0.0.0 eq 53  
 250 permit icmp 0.0.0.0 255.255.255.255 0.0.0.0 0.0.0.0  
 350 deny ip 0.0.0.0 255.255.255.255 10.1.0.0 0.0.15.255  
 450 permit ip 0.0.0.0 255.255.255.255 0.0.0.0 255.255.255.255  
  
exit  
#  
vlan 10  
  name "VLAN10"  
  tagged Trk1  
  ip helper-address 10.1.1.11  
  ip access-group "myACL" in  
  ip address 10.1.10.1 255.255.255.0  
exit
```



What happens with this attempt?

- A. Switch-2 filters both the traffic from Device-1 and the return traffic with the ACL. The return traffic is dropped.
- B. Switch-2 filters only the traffic from Device-1 with the ACL, and the session establishes successfully.
- C. Switch-2 does not filter any of this traffic with the ACL, and the session establishes successfully
- D. Switch-2 filters only the return traffic from the Internet with the ACL, and the ACL drops this traffic

Correct Answer: C

QUESTION 5

Refer to the exhibits. Exhibit 1.

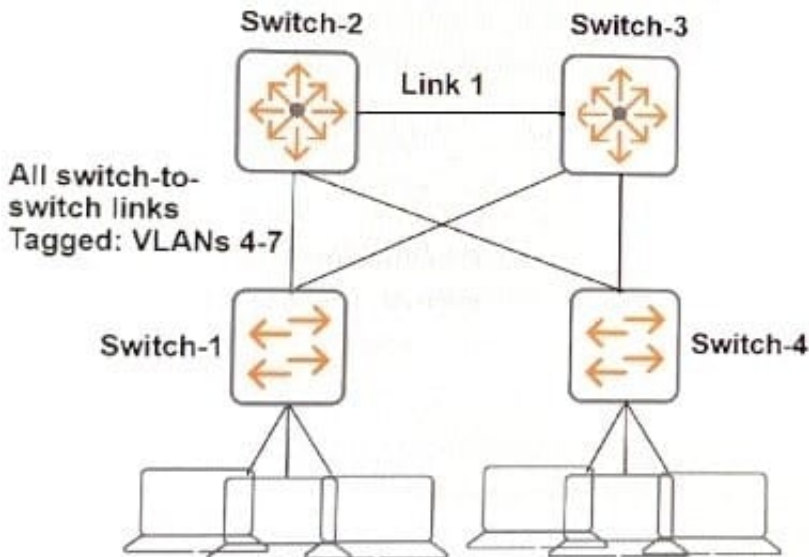


Exhibit 2.



Switch-2# display vrrp

IPv4 Standby Information:

Run Mode : Standard

Run Method : Virtual Mac

Total number of virtual routers : 4

Interface	VRID	State	Run Pri	Adver Timer	Auth Type	Virtual IP
Vlan4	4	Master	254	1	None	10.1.4.1
Vlan5	5	Backup	100	1	None	10.1.5.1
Vlan6	6	Master	254	1	None	10.1.6.1
Vlan7	7	Backup	100	1	None	10.1.7.1

Switch-3# display vrrp

IPv4 Standby Information:

Run Mode : Standard

Run Method : Virtual Mac

Total number of virtual routers : 4

Interface	VRID	State	Run Pri	Adver Timer	Auth Type	Virtual IP
Vlan5	4	Master	100	1	None	10.1.4.1
Vlan4	5	Backup	254	1	None	10.1.5.1
Vlan7	6	Master	100	1	None	10.1.6.1
Vlan6	7	Backup	254	1	None	10.1.7.1

The company wants to minimize congestion on Link 1.

Which spanning tree implementation meets this goal?

- A. Instance 1 = VLANs 4-5 Instance 2 = VLANs 6-7 Switch 2 instance 1 priority = 0 Switch 2 instance 2 priority = 1 Switch 3 instance 1 priority = 1 Switch 3 instance 2 priority = 0
- B. Instance 1 = VLANs 4,6 Instance 2 = VLANs 5,7 Switch 2 instance 1 priority = 0 Switch 2 instance 2 priority = 1 Switch 3 instance 1 priority = 1 Switch 3 instance 2 priority = 0
- C. Instance 1 = VLANs 4,6 Instance 2 = VLANs 5,7 Switch 2 instance 1 priority = 0 Switch 2 instance 2 priority = 1 Switch 3 instance 1 priority = 0 Switch 3 instance 2 priority = 1
- D. Instance 1 = VLANs 4-5 Instance 2 = VLANs 6-7 Switch 2 instance 1 priority = 0 Switch 2 instance 2 priority = 1 Switch 3 instance 1 priority = 0 Switch 3 instance 2 priority = 1

Correct Answer: C