



# HP0-Y47<sup>Q&As</sup>

Deploying HP FlexNetwork Core Technologies

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### QUESTION 1

A network administrator wants to configure Open Shortest Path (OSPF) MD5 authentication on VLAN 100 on an HP ProVision switch. The administrator has created a global MD5 key chain with an ID and key string that matches the neighbor's. which additional step must the administrator complete to accomplish this?

- A. Set OSPF authentication to MD5 mode in the OSPF area settings
- B. Activate MD5 key rotation globally
- C. Enable MD5 key rotation globally
- D. Assign this MD5 key to OSPF VLAN 100

Correct Answer: D

---

### QUESTION 2

Refer to the exhibit.



```
Provision-Switch# show access-list vlan 4
Access Lists for VLAN 4

IPv6 Inbound          : (None)
IPv4 Inbound          : MyACL      Type: Extended
IPv6 Outbound         : (None)
IPv4 Outbound         : (None)
IPv6 VLAN             : (None)
IPv4 VLAN             : (None)
IPv4 Connection Rate Filter : (None)
```

```
Provision-Switch# show access-list MyACL
Access Control Lists

Name: MyACL
Type: Extended
Applied: Yes
```

SEQ	Entry		
10	Action: permit Src IP: 10.1.4.0 Dst IP: 10.2.1.10 Proto : UDP TOS : -	Mask: 0.0.0.255 Mask: 0.0.0.0	Port(s): Port(s): eq 53
		Precedence: -	
20	Action: permit Src IP: 10.1.4.0 Dst IP: 10.2.1.22 Proto : TCP TOS : -	Mask: 0.0.0.255 Mask: 0.0.0.0	Port(s): Port(s): eq 8080
		Precedence: -	
30	Action: deny Src IP: 10.1.4.0 Dst IP: 10.2.0.0 Proto : IP TOS : -	Mask: 0.0.0.255 Mask: 0.0.255.255	Port(s): Port(s):
		Precedence: -	
40	Action: permit Src IP: 10.1.4.0 Dst IP: 10.1.3.0 Proto : IP TOS : -	Mask: 0.0.0.255 Mask: 0.0.0.255	Port(s): Port(s):
		Precedence: -	

The switch with the ACL shown in the exhibit has IP address 10.1.4/24 on VLAN 4. It is the default router for 10.1.0/24. A client in VLAN 4 broadcast a DHCP discovery request, and the request arrives on this switch. What happens?

- A. The ACL processes the packet, and the packet is permitted and then switched.
- B. The switch routes the packet out of VLAN 4 to the VLAN with the DHCP server.
- C. The ACL processes the packet, and the packet is dropped.
- D. The switch floods the broadcast in VLAN 4.

Correct Answer: D

### QUESTION 3

Refer to the exhibit. Exhibit 1

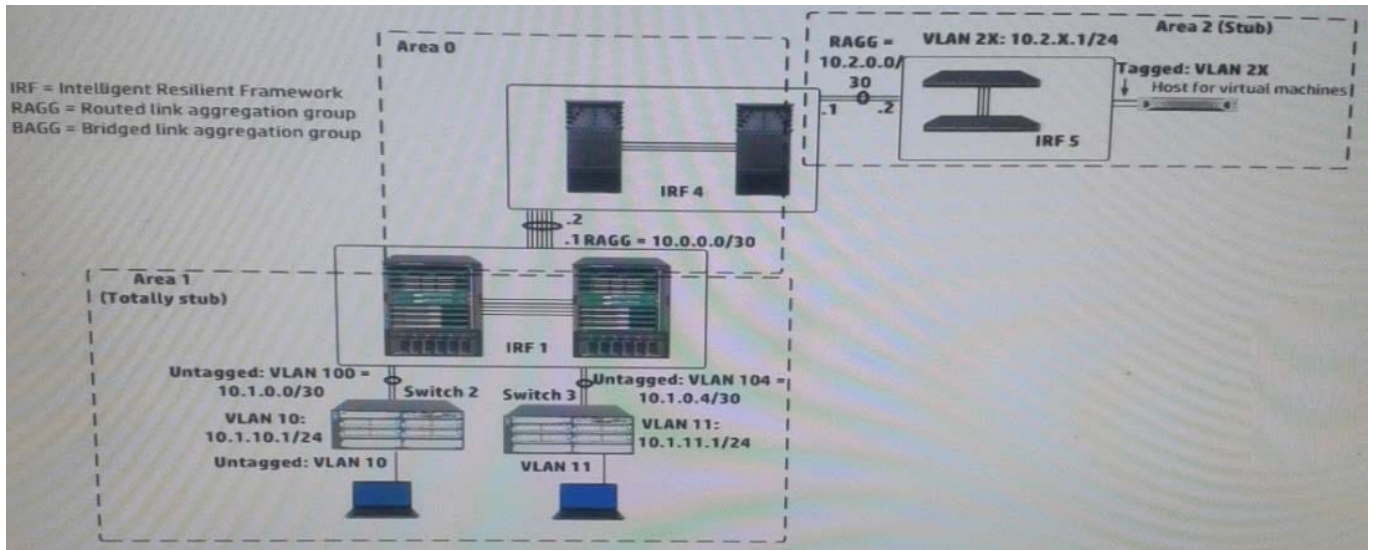


Exhibit 2

```
[IRF-1-ospf-1]display this

ospf 1
 area 0.0.0.0
   abr-summary 10.0.0.0 255.255.0.0 cost 1
   network 10.0.0.0 0.0.255.255
 area 0.0.0.1
   abr-summary 10.1.0.0 255.255.0.0 cost 1
   network 10.1.0.0 0.0.255.255
 stub no-summary
```

In exhibit 1, all infrastructure devices are implementing OSPF on the interfaces. Exhibit 1 also shows settings for OSPF areas. Exhibit 2 shows some additional OSPF settings IRF 1.

The network administrator enters this command on IRF 4:

```
[ IRF4-ospf-1-area-0.0.0.2 ] abr-summary 10.2.0.0 16
```

The administrator verifies that the solution is functioning correctly. Indicate whether the link state database (LSDB) on a device should include an LSA for 10.2.0.0/16.

Hot Area:



IRF 4 area 0 LSDB

Switch 2 area 1 LSDB

Hot Area:

IRF 4 area 0 LSDB

Switch 2 area 1 LSDB

Correct Answer:

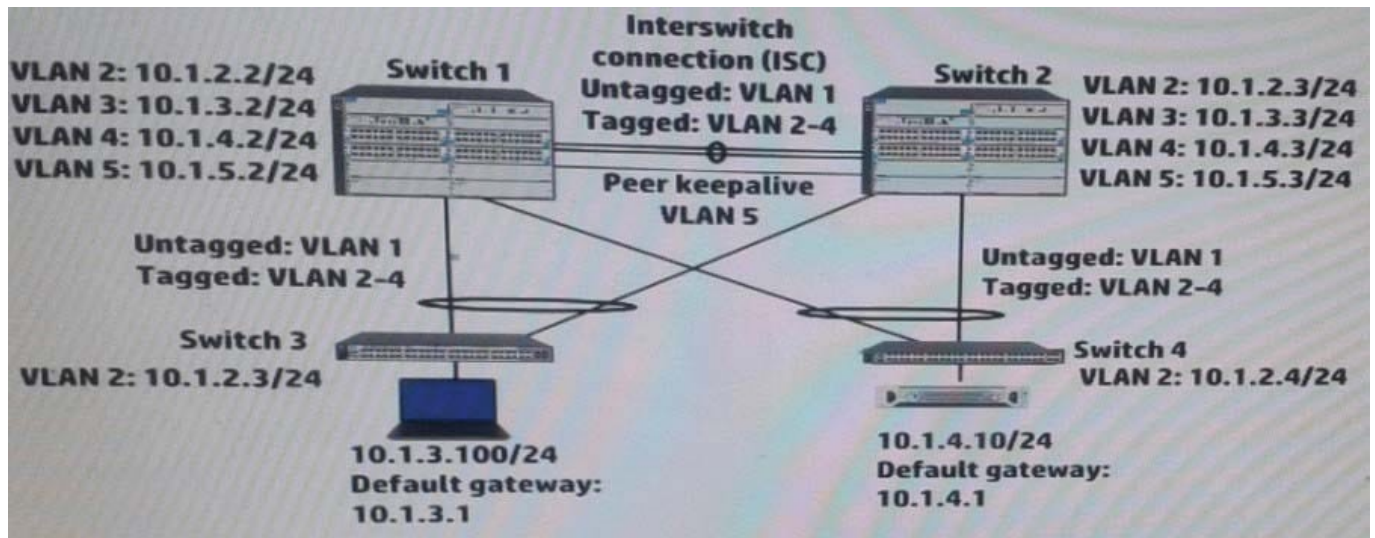
IRF 4 area 0 LSDB

Switch 2 area 1 LSDB

#### QUESTION 4

Refer to the exhibits. Exhibit 1 Exhibit 2





```
Switch1# show vrrp config
VRRP Global Configuration Information
VRRP Enabled : Yes
Traps Enabled : Yes
Virtual Routers Respond To Ping Requests : Yes
VRRP Nonstop Enabled : No

VRRP Virtual Router Configuration Information

VLAN ID : 3
Virtual Router ID : 1

Administrative Status [Disabled] : Enabled
Mode [Uninitialized] : Backup
Priority [100] : 254
Advertisement Interval [1] : 1
Preempt Mode [True] : True
Preempt Delay Time [0] : 120
Respond To Virtual IP Ping Requests [Yes] : Yes
Primary IP Address : Lowest

IP Address      Subnet Mask
-----
10.1.3.1        255.255.255.0
```

```
Switch1# show vrrp vlan 3
VRRP Virtual Router Statistics Information

Vlan ID          : 3
Virtual Router ID : 1
State            : Master
Up Time          : 50 min
Virtual MAC Address : 00005e-000101
Master's IP Address : 10.1.3.2
Associated IP Addr Count : 1
Advertise Pkts Rx : 0
Zero Priority Rx   : 0
Bad Length Pkts   : 0
Mismatched Interval Pkts : 0
Mismatched IP TTL Pkts : 0
Near Failovers    : 0
Become Master     : 5
Zero Priority Tx   : 3
Bad Type Pkts     : 0
Mismatched Addr List Pkts : 0
Mismatched Auth Type Pkts : 0
```

Exhibit 2 shows the Virtual Router Redundancy Protocol (VRRP) configuration and status for VLAN 3 on switch 1 during normal operation, when both Switch 1 and Switch 2 are up. Switch 1 then experiences a power failure. After a few

minutes, power is restored, and the switch comes back up.

What happens to VRRP operations in VLAN 3?



- A. Switch 1 becomes Master two minutes after its VRRP processes up.
- B. Switch 2 remains Master Switch 1 receives an error and stops participating in VRRP
- C. Switch 2 remains Master, and Switch 1 becomes a Backup router.
- D. Switch 1 becomes Master as soon as its VRRP processes come up.

Correct Answer: C

I think Switch2 has priority 255, because Switch2(10.1.3.2) - Master is up during 50 min, preempt is on in VRRP So Switch1 when comes online after 120min and trying to preempt still be Backup Router

---

### QUESTION 5

Refer to the exhibit.

```
#partial running-config
qos dscp-map 32 priority 4
qos dscp-map 48 priority 6
qos tcp-port ipv4 5060 dscp 32
interface A1
  qos priority 1
```

A network administrator is checking the Quality of Service (QoS) settings on an HP ProVision Switch.

This frame arrives on the switch:

Ingress port: A1

No 802.1Q tag

Source IP address = 10.1.2.10

Destination IP address = 10.1.4.4

DSCP = 48

Destination TCP port = 5060

To which priority queue will the switch assign this frame? (Queues are numbered 0-7) B. 1

C. 4

D. 6

Correct Answer: C

If more than one global classification criteria, they are searched in the following order: TCP / UDP port number IP-address of the sender and receiver IP precedence value DSCP value Minutes of the third level VLAN number Incoming port switch Markings on the data link layer 802.1p When a packet is matched by several criteria, the marking is applied



only for the first matched by the order

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