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QUESTION 1

HP Comware Switch 1 connects to switch 2 on GigabitEthernet 1/0/1. Switch 2 implements an inbound rate limit of 600 Mbps. The network administrator wants switch 1 to buffer traffic that exceeds the Switch 2 rate limit of 600 Mbps and send the traffic at 600 Mbps. All traffic has the same 802.1p priority and is forwarded in priority queue 2. What should the administrator apply to the Switch 1 interface GigabitEthernet 1/0/1?

- A. A line rate limit of 600 Mbps on queue 2
- B. A QoS policy with a classifier that matches all traffic and a CAR behavior that sets a CIR of 600 Mbps
- C. A weighted random early discard (WRED) table with a limit of 600 for queue 2
- D. A traffic shaping rate limit of 600 Mbps on queue 2

Correct Answer: D

QUESTION 2

Refer to the exhibit.

```
<Router1> display bgp routing
Total Number of Routes: 2
BGP local router ID is 192.0.2.1
Status codes: * - valid, ^ - VPN best, > - best, d - damped,
              h - history, i - internal, s - suppressed, S - Stale
              Origin : i - IGP, e - EGP, ? - incomplete

   Network          NextHop          MED          LocPrf          PrefVal Path/ogn
* > 203.0.13.0      192.0.2.2        0             0               2,4?
*                   198.5.100.1      0             0               3,5,4?
```

Which route to 203.0.13.0/24 will the switch BGP process propose to the routing table?

- A. A null route
- B. A route through 192.0.2.2
- C. A route through 198.5.100.1
- D. A route through 198.5.100.1 and 192.0.2.1

Correct Answer: B

QUESTION 3

Refer to the exhibit. Exhibit 1

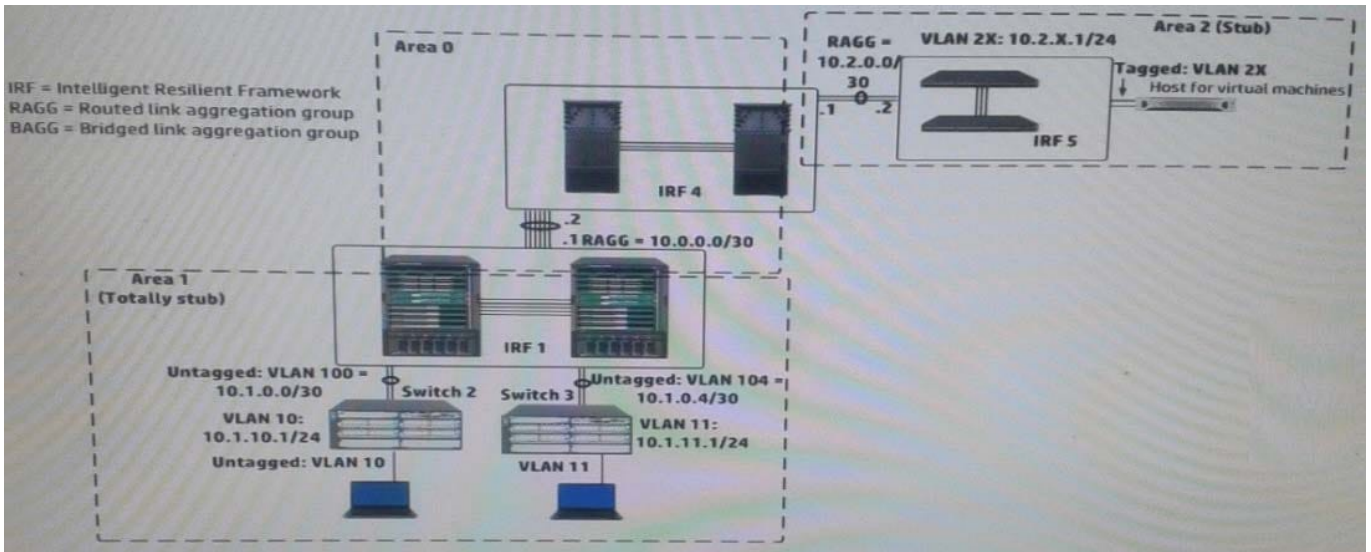


Exhibit 2

```
[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

	▼
<input type="radio"/> Include LSA	
<input type="radio"/> Does not include LSA	

Switch 2 area 1 LSDB

	▼
<input type="radio"/> Include LSA	
<input type="radio"/> Does not include LSA	

Hot Area:

IRF 4 area 0 LSDB

	▼
<input type="radio"/> Include LSA	
<input type="radio"/> Does not include LSA	

Switch 2 area 1 LSDB

	▼
<input type="radio"/> Include LSA	
<input type="radio"/> Does not include LSA	

Correct Answer:

IRF 4 area 0 LSDB

	▼
<input type="radio"/> Include LSA	
<input checked="" type="radio"/> Does not include LSA	

Switch 2 area 1 LSDB

	▼
<input type="radio"/> Include LSA	
<input checked="" type="radio"/> Does not include LSA	

QUESTION 4

Refer to the exhibit.



```
interface <ID>
port link-type hybrid
port hybrid pvid vlan 3
port hybrid untagged vlan 3
port hybrid tagged vlan 11
undo port hybrid untagged vlan 1
voice vlan qos 5 46
```

An HP Comware Switch connects to Voice over (VoIP) phones. The phones connect to user's computers, so each switch port connects a computer and a phone. These are the specifications:

The VLAN for data traffic is VLAN3

The VLAN for traffic VoIP is VLAN11

The phones support Link Layer Discovery Protocol (LLDP) Media Endpoint Detection (MED).

The network administrator wants to use LLDP-MED to advertise the voice VLAN ID and priority settings to the phones. The phones will then send tagged traffic in that VLAN. The switch should not check the incoming traffic's MAC address

against its voice OID list. The exhibit shows the applicable switch port configuration.

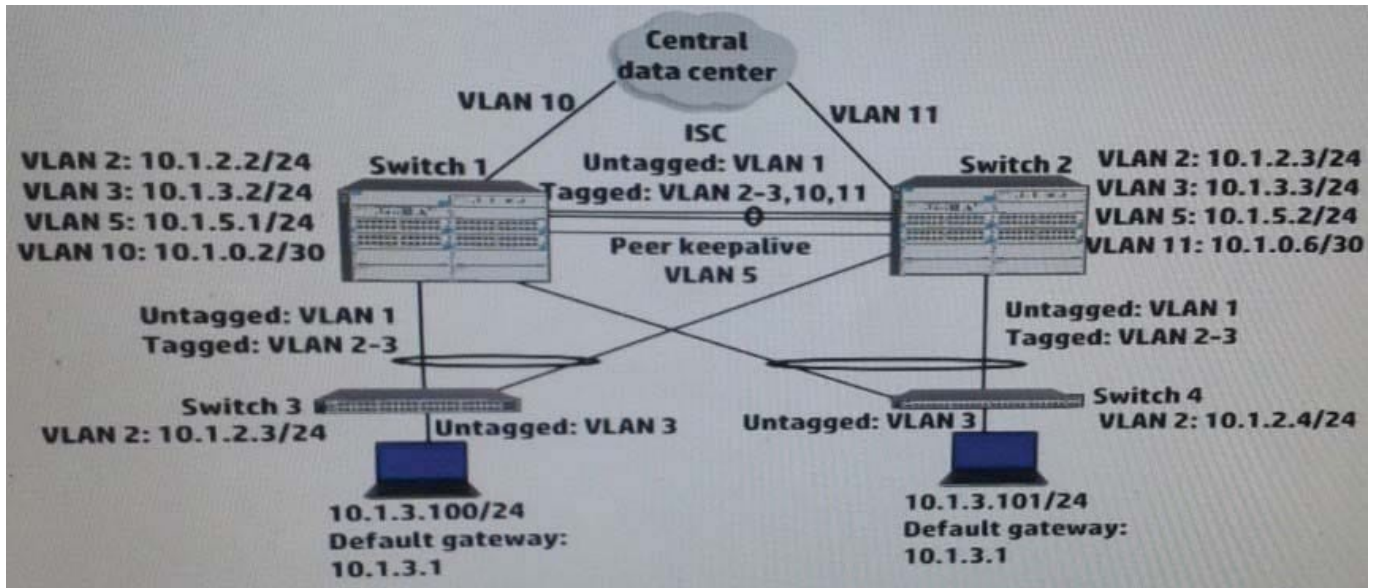
Which additional step must the administrator complete to accomplish this?

- A. Enable voice VLAN 11 (voice vlan 11 enable)
- B. Change the port to trunk mode (port link-type trunk)
- C. Enable LLDP compatibility with Cisco Discovery Protocol (CDP) (lldp compliance admin-status cdp txrx)
- D. Enable the port to advertise voice VLAN 11 with LLDP (lldp voice-vlan 11)

Correct Answer: D

QUESTION 5

Refer to the exhibit.



Switch 1 and switch 2 run open Shortest Path First (OSPF) on all VLANs. Both switches establish an OSPF adjacency to a router at the main data center. Exhibit shows some virtual Routing Redundancy Protocol (VRRP) and OSPF settings on Switch 1 during normal operation.

How can a network administrator increase the resiliency of this solution?

- A. Implement Bidirectional Forwarding Detection (BFD) on the peer keep alive link between the core switches.
- B. Change the VLAN 10 subnet to a /24 subnet and enable VRRP on it. Place Switch 2's link to the main data center in this subnet.
- C. Make sure that, in each VRRP instance, each switch has a VRRP preempt delay of several minutes.
- D. Configure Switch 1 as an OSPF graceful restart helper in VLAN 11 and Switch 2 as a helper in VLAN 10

Correct Answer: D

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