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QUESTION 1

A company wants to enforce source-specific multicasting (SSM) for several multicast streams.

This is the configuration:

Some multicast receivers support IGMPv3.

Other receivers that need to stream support IGMPv2 only.

The multicast receivers\\' default routers enable IGMPv3 on the interfaces associated with their subnets. The routers are correctly configured to enable the IGMPv3 receivers to receive the stream from the correct source

Which setting do the receivers\\' routers require to support the IGMPV2 devices?

A. An SSM policy that selects the IGMPv2 devices and binds them to an RP address

B. An SSM map that sets a rendezvous point (RP) for each multicast address

C. An SSM policy that selects the appropriate multicast destinations and binds them to an RP address

D. An SSM map that sets the correct source for each multicast address

Correct Answer: D

http://h20565.www2.hp.com/hpsc/doc/public/display?sp4ts.oid=6796027anddocId=emr_na-c04412136anddocLocale=en_US IGMP SSM mapping The IGMP SSM mapping feature provides SSM support for receiver hosts that are running IGMPv1 or IGMPv2. This feature is implemented by configuring static IGMP SSM mappings on the IGMP-enabled routers. The SSM model assumes that the IGMP-enabled routers have identified the desired multicast sources when receivers join multicast groups. ?A host running IGMPv3 can explicitly specify multicast source addresses in its reports. ?A host running IGMPv1 or IGMPv2, however, cannot specify multicast source addresses in its reports. In this case, you must configure the IGMP SSM mapping feature to translate the (*, G) information in the IGMPv1 or IGMPv2 reports into (G, INCLUDE, (S1, S2...)) information

http://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nxos/multicast/configuration/guide/b_multicast/b_multicast_chapter_011.html#task_E5D313413C374821B9964D5B0 E3590D8

QUESTION 2

What distinguishes an HP switch with a CLOS fabric from an HP switch with a crossbar fabric?

A. The CLOS fabric can integrate with a virtual switch, which is deployed in a virtualized server.

B. The CLOS fabric is a requirement for an Intelligent Resilient Framework (IRF) virtual switch with more than two members.

C. The CLOS fabric can dynamically shut down power to unused switch ports, proving better energy efficiency.

D. The CLOS fabric can dynamically load-balance internal traffic over many paths, helping the switch support 40G/100G.

Correct Answer: D

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QUESTION 3

Refer to the exhibit. Exhibit 1
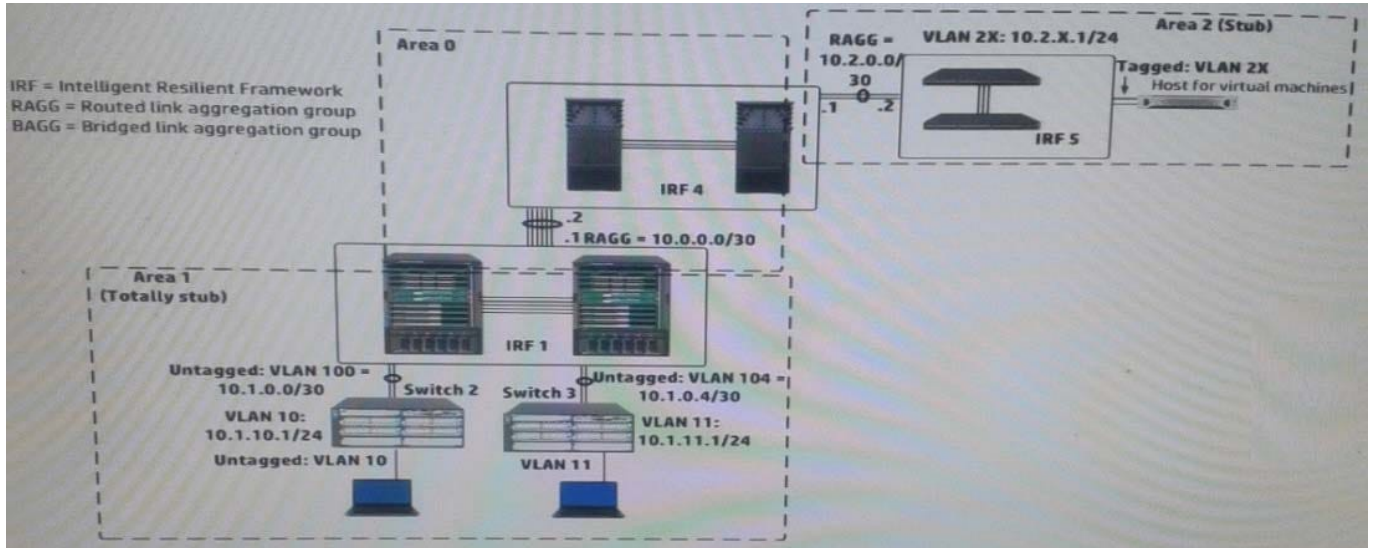

Exhibit 2


```
[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

| ▼ |
| Include LSA |
| Does not include LSA |

Switch 2 area 1 LSDB

| ▼ |
| Include LSA |
| Does not include LSA |

Hot Area:

IRF 4 area 0 LSDB

| ▼ |
| Include LSA |
| Does not include LSA |

Switch 2 area 1 LSDB

| ▼ |
| Include LSA |
| Does not include LSA |

Correct Answer:

IRF 4 area 0 LSDB

| ▼ |
| Include LSA |
| **Does not include LSA** |

Switch 2 area 1 LSDB

| ▼ |
| Include LSA |
| **Does not include LSA** |

QUESTION 4

The network administrator is configuring Unidirectional Link Detection (UDLD) on trk1 on an HP Provision witch. The

trk1 link aggregation group has these settings:

Interfaces = 48 and 49 Untagged VUAN = 1 Tagged VLANs = 2-4

How should the administrator complete the setup?

A. Enable link-keepalive on both interfaces in the trunk (48 and 49).

B. Enable link-keepalive on interface 48, specifying the VLAN as 1.

C. On both interfaces in the trunk (48 and 49), enable link-keepalive, specifying the VLAN as 1.

D. Enable link-keepalive on trk1

Correct Answer: C

ftp://ftp.hp.com/pub/networking/software/2900yl-MCG-0207-T_12_XX-Chap10-PrtStat-BasicCfg.pdf

QUESTION 5

How does virtual output queuing (VoQ) help switches avoid head-of-line blocking and enhance throughput?

A. It divides each port ingress queue into different queues based on the priority and egress port of each packet

B. It establishes a matrix of connections to multiple cross-bar switches within the switch backplane

C. It considers traffic congestion, queues traffic, and informs the ingress port when it can use the crossbar

D. It allows the ingress port to fragment packets and send the fragments in multiple queues over different crossbars

Correct Answer: A

QUESTION 6

A network administrator is completing an In-Service Software Upgrade (ISSU) for an Intelligent Resilient Framework (IRF) virtual devices. The device has two members. Each member has one management module. Member1 is currently the master. The administrator has initiated a rollback time for this upgrade.

When should the administrator accept the upgrade?

A. After upgrading both members of the IRF virtual device

B. After checking the new software\\'s ISSU compatibility but before upgrading either member

C. After upgrading member 1 but before switching over to and upgrading member 2

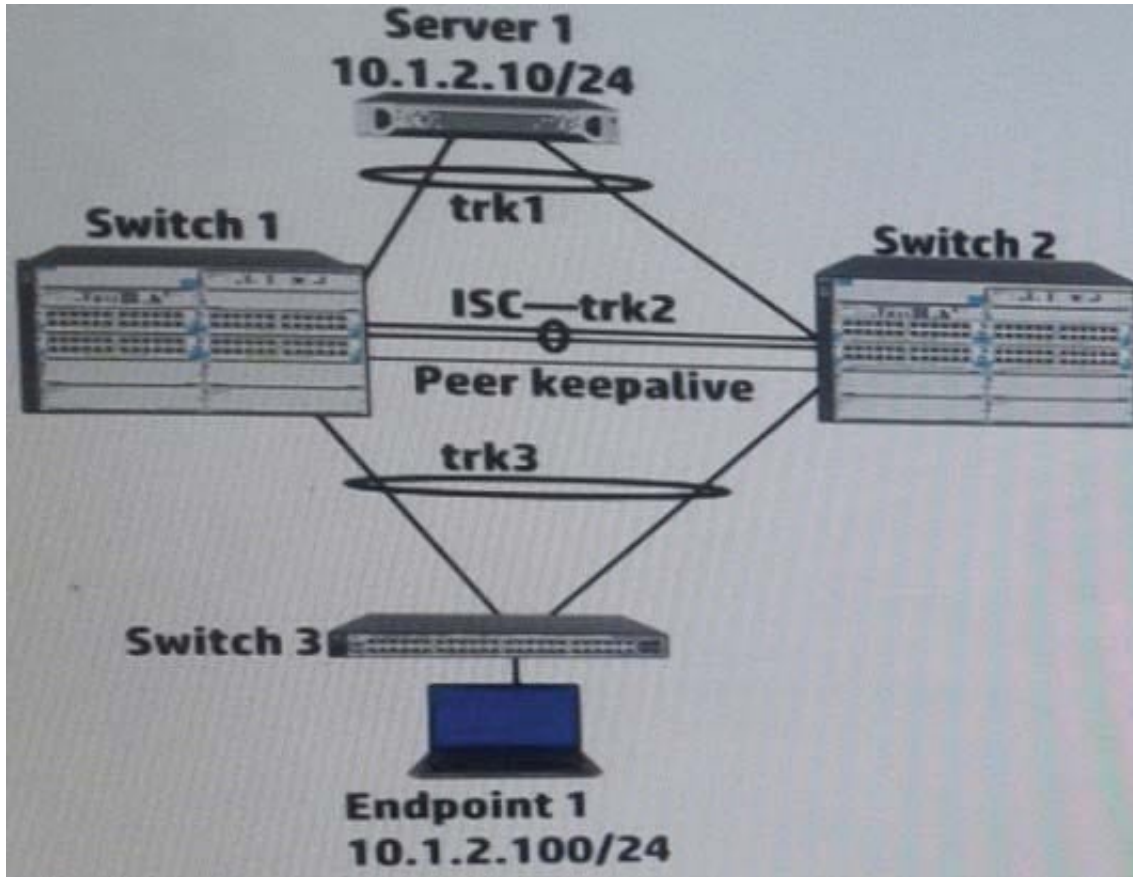D. After upgrading and switching over to member 2 but before upgrading member 1

Correct Answer: A

Look here items 6-7 http://www.h3c.com/portal/Technical_Support___Documents/Technical_Documents/Switches/H3C

![Pass2Lead](https://Pass2Lead.com)
_S12500_Series_Switches/Configuration/ Operation_Manual/ H3C_S12500_CG-
Release7128-6W710/01/201301/772597_1285_0.htm

QUESTION 7

Refer to the exhibit.

Switch 1 and Switch 2 have established and Interswitch Connection (ISC) and two distributed trunks. All of the switches
have Multiple Spanning tree Protocol (MSTP) enabled. Where does Switch 1 transmit or process Bridge Protocol Data
Units (BPDUs)?

A. On trk2 and the peer keepalive

B. On trk1 and trk3

C. On trk1, trk2, trk3

D. On trk2

Correct Answer: C

http://h20628.www2.hp.com/km-ext/kmcsdirect/emr_na-c03015912-2.pdf

QUESTION 8

A company is determining whether HP IMC User Access manager (UAM) meets its needs for a RADIUS server. The company requires a solution for dynamic access control lists based on user identity and location (connected switch ID). Which statement correctly describes UAM support for this requirement?

A. Administrator can use UAM service and access rules to apply identity-based ACLs. The location-based component is configured in individual switch CLIs.

B. UAM can only meet these requirements if it is synchronized with Microsoft Active Directory (AD).

C. UAM can meet these requirements if the company adds Endpoint Admission Defense (EAD) to the solution.

D. Administrator can configure UAM service policies, scenarios, and access rules to meet these requirements.

Correct Answer: D

QUESTION 9

A company uses 802.1X authentication to force users to connect to the network. The company uses access layer switches to enforce the 802.1X authentication and HP IMC User Access manager (UAM) as the RADIUS server.

The customer requires switches to apply a specific settings to contractor use connections. The network administrator checks the switch documentation and determines that this settings uses a vendor-specific attribute (VSA). The administrator

check UAN and verifies that it has this VSA defined on it.

How does administrator configure UAM to apply the correct setting?

A. Define IP port groups on the access devices that need to receive the settings. Configure the VSA and its settings within these groups

B. Add the settings to the VSA definition and then activate the VSA globally

C. Create a scenario with the VSA and its settings: apply this scenario to the access devices that need to receive the settings

D. Create a proprietary attribute policy with the VSA and its settings; apply this policy in the service policy for the contractor users

Correct Answer: C

QUESTION 10

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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