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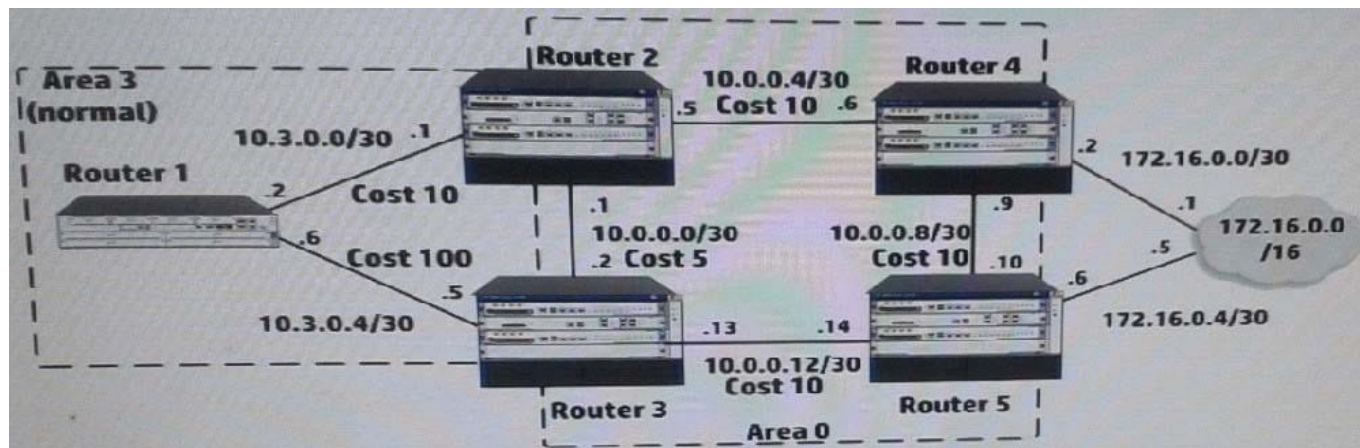
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Refer to the exhibit.



The five routers shown in the exhibit are successfully implementing OSPF on the interface shown in the exhibit. The exhibit also shows settings for OSPF areas and interface costs. A network administrator enters these commands on Router 4 and Router 5:

```
[Router4] ip route-static 172.16.0.0 16 172.16.0.1
[Router4] ospf 1
[Router4-ospf-1] redistribute static type 2 cost 5

[Router5] ip route-static 172.16.0.0 16 172.16.0.5
[Router5] ospf 1
[Router5-ospf-1] redistribute static type 2 cost 1
```

Which statement correctly describes the OSPF routing table on Router 2?

- A. It has one next hop for 172.16.0.0/16, 10.0.0.6
- B. It has one next hop for 172.16.0.0/16, 10.0.0.2
- C. It has not learned a route to 172.16.0.0/16
- D. It has one next hop for 172.16.0.0/16, 10.0.0.6, and 10.0.0.2

Correct Answer: B

A company plans to use Intelligent Management Center (IMC) Network Traffic Analyzer (NTA) to monitor network utilization. How do HP switches with the solution?



- A. Provision switches use the NTA server as their sFlow collector. Comware switches use the NTA server as their NetStream server.
- B. Provision switches use the NTA server as their sFlow collector. NetStream server, or both Comware switches use the NTA server as their sFlow collector NetStream server, or both.
- C. ProVision switches use the NTA server as their sFlow collector. Comware switches as their sFlow collector, NetStream server, or both.
- D. ProVision switches use the NTA server as their sFlow collector, NetStream server, or both. Comware switches use the NTA server as their sFlow collector

Correct Answer: C

HP Intelligent Management Center Network Traffic Analyzer Software Product overview HP IMC Network Traffic Analyzer (NTA) Software Module is a graphical network-monitoring tool that provides network administrators with real-time information about users and applications consuming network bandwidth. A reliable solution for enterprise and campus network traffic analysis, it defends the network against virus attacks and applies varying levels of bandwidth traffic to different services and applications. The IMC NTA software module's network bandwidth statistics help plan, monitor, enhance, and troubleshoot networks, as well as identify bottlenecks and apply corrective measures for enhanced throughput. The software also monitors Internet egress traffic, helping administrators to analyze the bandwidth usage of specific applications and monitor the impact of non-business applications (e.g., network games) on user productivity. Granular, network-wide surveillance of complex, multilayer switched and routed environments helps rapidly identify and resolve network threats.

Real-time monitoring of database space

Automatic generation of four types of reports

Uses instruments embedded in switches/routers

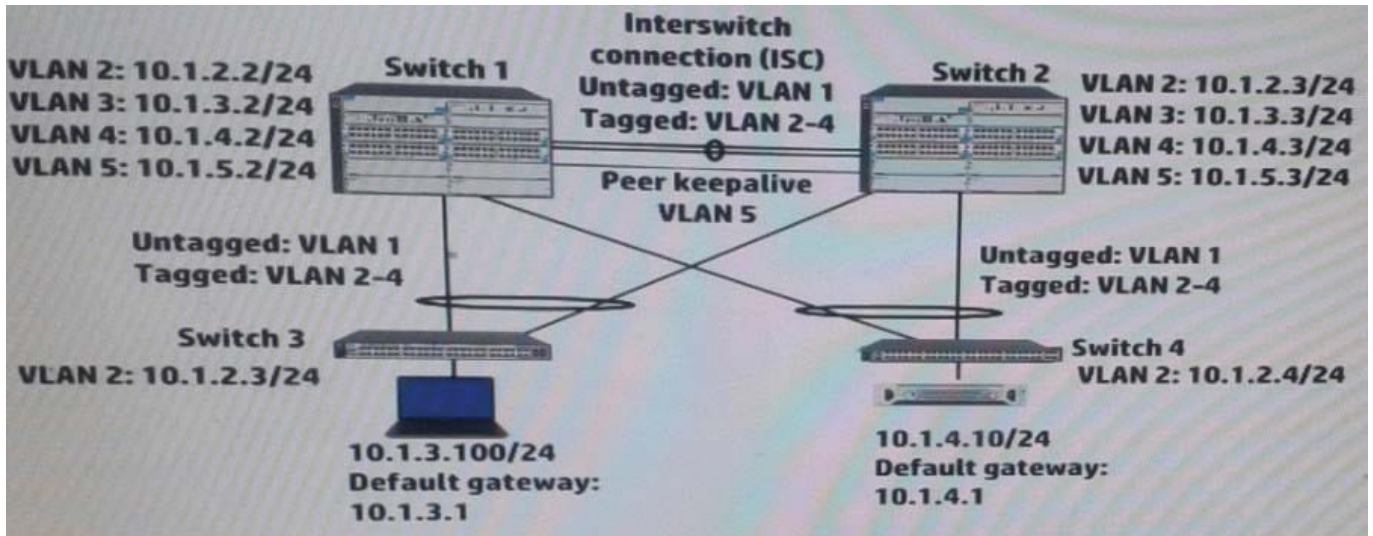
Support for sFlow, NetFlow, and NetStream

Granular insight of applications, users, and ports

NetStream module -- Provides traffic analysis and statistics capture to allow network administrators to rapidly identify network anomalies and security threats as well as obtain capacity planning information; and supports NetFlow v5 and v9 (JD254A Comware v5 only)

QUESTION 3

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 Swith1 when comes online after 120min and trying to preeemt still bee Backup Router

QUESTION 4

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

QUESTION 5

Refer to the exhibit.

```
HP Stack 3800#: show stacking
Stack ID : 00031cc1-de4d48c0
MAC Address : 1cc1de-4d48c9
Stack Topology : Mesh
Stack Status : Active
Uptime : 1d 2h 35m
Software Version : KA.15.05
Mbr
ID  Mac Address      Model
---
1   1cc1de-4d48c0  HP J9574A 3800-48G-PoE+-4SFP+ Switch
2   1cc1de-4d8680  HP J9573A 3800-24G-PoE+-2SFP+ Switch
3   1cc1de-4e3180  HP J9574A 3800-48G-PoE+-4SFP+ Switch
4   1cc1de-4d1820  HP J9576A 3800-24G-PoE+-2SFP+ Switch
```

ID	Mac Address	Model	Pri	Status
1	1cc1de-4d48c0	HP J9574A 3800-48G-PoE+-4SFP+ Switch	250	Commander
2	1cc1de-4d8680	HP J9573A 3800-24G-PoE+-2SFP+ Switch	128	Standby
3	1cc1de-4e3180	HP J9574A 3800-48G-PoE+-4SFP+ Switch	240	Member
4	1cc1de-4d1820	HP J9576A 3800-24G-PoE+-2SFP+ Switch	128	Member

The HP 3800 switch with member ID 1 shown in the exhibit goes down. What happens?

- A. Switch 2 becomes the commander
- B. Switch 2 becomes the commander



C. Switch 4 becomes the commander

D. The switch that has the longest uptime becomes master

Correct Answer: B

When a Switch Crashes and Reboots Commander - The standby takes over as the new Commander

-A new standby is elected

-

Crashing switch writes core file to local stable storage

-

Crashing switch reboots and join stack

-Core file and crash information for this switch is available from Commander Standby - A new standby is elected

-

Crashing switch writes core file to local stable storage

-

Crashing switch reboots and joins the stack

- Core file and crash information for this switch is available from the Commander Member - Crashing switch writes core file to local stable storage

-Crashing switch reboots and joins the stack

-Core file and crash information for this switch is available from the Commander

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