642-997^{Q&As}

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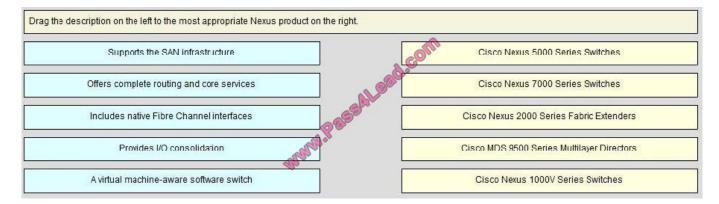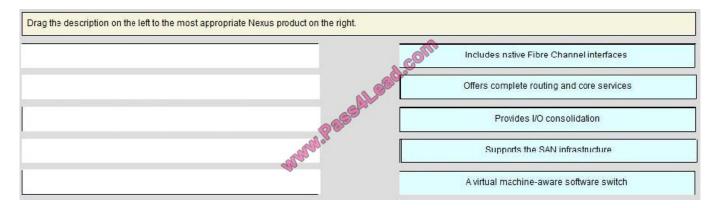
QUESTION 1

Drag the description on the left to the most appropriate Nexus product on the right.

Select and Place:

Drag the description on the left to the most appropriate Nexus product on the right.	
Supports the SAN infrastructure	Cisco Nexus 5000 Series Switches
Offers complete routing and core services	Cisco Nexus 7000 Series Switches
Includes native Fibre Channel interfaces	Cisco Nexus 2000 Series Fabric Extenders
Provides I/O consolidation	Cisco MDS 9500 Series Multilayer Directors
A virtual machine-aware software switch	Cisco Nexus 1000V Series Switches

Correct Answer:

Drag the description on the left to the most appropriate Nexus product on the right.	
	Includes native Fibre Channel interfaces
	Offers complete routing and core services
	Provides I/O consolidation
	Supports the SAN infrastructure
	A virtual machine-aware software switch

QUESTION 2

Which situation must you consider when you add a remote RADIUS server to a Cisco Nexus device?

A. If RADIUS authentication fails, the device falls back to local authentication automatically.

B. If RADIUS authentication fails, the user is denied access with no further authentication checks.

C. If the RADIUS server is unreachable, users are unable to log in.

D. If the RADIUS server is unreachable, all users are given access with the default role.

Correct Answer: B

QUESTION 3

Refer to the exhibit.

```
Nexus# show glbp
Ethernet2/6 – Group 1
State is Up
1 state change(s), last state change(s)
00:02:53
Virtual IP address is 10.1.2.7
Hello time 3 sec, hold time 10 sec
Redirect time 600 sec, forwarded time-out
14400 sec
Preemption disabled
Active is unknown
Standby is unknown
Priority 100 (configured)
Weighting 100 (configured 100),
Thresholds: lower 1, upper 100
Load balancing: round-robin
Group members:
0015.1758.19AE (10.1.2.6) local
There are no forwarders
```

This multilayer Cisco Nexus switch had been the active virtual gateway for Group 1 before it became temporarily unavailable. What will happen to GLBP Group 1 when this device becomes available again?

A. The currently active router remains active.

B. It depends on the priority value that is configured active on the router.

C. The Cisco Nexus switch becomes the active virtual gateway after 600 seconds.

D. It depends on the weighting values that are configured active on the router.

Correct Answer: A

GLBP prioritizes gateways to elect an active virtual gateway (AVG). If multiple gateways have the same priority, the gateway with the highest real IP address becomes the AVG. The AVG assigns a virtual MAC address to each member of the GLBP group. Each member is the active virtual forwarder (AVF) for its assigned virtual MAC address, forwarding packets sent to its assigned virtual MAC address. The AVG also answers Address Resolution Protocol (ARP) requests for the virtual IP address. Load sharing is achieved when the AVG replies to the ARP requests with different virtual MAC addresses.

Note: Packets received on a routed port destined for the GLBP virtual IP address terminate on the local router, regardless of whether that router is the active GLBP router or a redundant GLBP router. This termination includes ping and Telnet traffic. Packets received on a Layer 2 (VLAN) interface destined for the GLBP virtual IP address terminate on the active router.

QUESTION 4

Which two functions are enabled when you set up vPC+ at the FabricPath edge? (Choose two.)

A. the ability to attach Cisco Fabric Extenders in FEX active/active mode

B. the ability to stop all Layer 3 egress traffic

C. the ability to attach servers to edge switches with port-channel teaming

D. the ability to attach additional Classic Ethernet switches in vPC+ mode

Correct Answer: AC

QUESTION 5

Which Cisco NX-OS feature allows transparent Layer 2 extension between sites?

A. FabricPath

B. ETV

C. OTV

D. vPC

E. LISP

F. TrustSec

Correct Answer: C

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