



642-997^{Q&As}

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QUESTION 1

Which statement about the Layer 3 card on the Cisco Nexus 5500 Series Switch is true?

- A. BGP support is not provided, but RIP, EIGRP, and OSPF support is provided.
- B. Up to two 4-port cards are supported with up to 160 Gb/s of Layer 3 forwarding capability.
- C. Up to 16 FEX connections are supported.
- D. Port channels cannot be configured as Layer 3 interfaces.

Correct Answer: C

From the Cisco NX-OS 5.1(3)N1(1) release and later releases, each Cisco Nexus 5500 Series device can manage and support up to 24 FEXs without Layer 3. With Layer 3, the number of FEXs supported per Cisco Nexus 5500 Series device

is 8. With Enhanced vPC and a dual-homed FEX topology each FEX is managed by both Cisco Nexus 5000 Series devices. As a result, one pair of Cisco Nexus 5500 Series devices can support up to 24 FEXs and 16 FEXs for Layer 2 and

Layer 3.

Reference:

http://www.cisco.com/en/US/docs/switches/datacenter/nexus5000/sw/mkt_ops_guides/513_n1_1/n5k_enhanced_vpc.html

QUESTION 2

Which command specifies a load-balancing method based on the MAC address of a host where the same forwarder is always used for a particular host while the number of GLBP group members remains unchanged?

- A. load-balancing host-dependent
- B. load-balancing mac-pinning
- C. load-balancing round-robin
- D. load-balancing weighted

Correct Answer: A

QUESTION 3

Which three options are capabilities of the Cisco Nexus 7000 Series Supervisor Module? (Choose three.)

- A. hardware forwarding on the supervisor module
- B. fully decoupled control plane and data plane with no forwarding on the supervisor module



- C. Sup2 requires Cisco NX-OS 5.1 or later.
- D. Sup2 requires Cisco NX-OS 6.1 or later.
- E. Sup2E supports 8+1 VDC with the N7K-VDC1K9 license per chassis.
- F. Sup2 supports 8+1 VDCs with the N7K-VDC1K9 license per chassis.

Correct Answer: BDE

QUESTION 4

On a Cisco Nexus 7000 Series router, which statement about HSRP and VRRP is true?

- A. When VDCs are in use, only VRRP is supported.
- B. HSRP and VRRP both use the same multicast IP address with different port numbers.
- C. HSRP has shorter default hold and hello times.
- D. The VRRP group IP address can be the same as the router-specific IP address.

Correct Answer: D

VRRP allows for transparent failover at the first-hop IP router by configuring a group of routers to share a virtual IP address. VRRP selects a master router in that group to handle all packets for the virtual IP address. The remaining routers are in standby and take over if the master router fails.

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5_x/nx-os/unicast/configuration/guide/l3_cli_nxos/l3_vrrp.html

QUESTION 5

In OTV, how are the VLANs split when a site has two edge devices?

- A. They are configured manually by user.
- B. They are split in half among each edge device.
- C. They are split as odd and even VLAN IDs on each edge device.
- D. It is not possible to have two edge devices in same site.

Correct Answer: C

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