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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 Cisco MDS feature needs to be enabled for Cisco TrustSec FC Link Encryption to work?

- A. feature FC-TSLE
- B. feature Trust-Sec
- C. feature FC-SP
- D. feature ESP
- E. feature DHCHAP

Correct Answer: C

QUESTION 3

Which command sequence correctly enables Adapter FEX on Nexus 5000 Series Switches?

- A. switch(config)# install feature-set virtualization switch(config)# feature-set virtualization



- B. switch(config)# install feature-set adapter-fex switch(config)# feature-set adapter-fex
- C. switch(config)# install feature-set adapter-fex switch(config)# feature-set virtualization
- D. switch(config)# install feature-set virtualization switch(config)# feature-set adapter-fex

Correct Answer: A

install feature-set virtualization : installs the cisco virtual machine feature set on the switch. feature-set virtualization : enables the cisco virtual machine feature on the switch.

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/adapter-fex/513_n1_1/b_Configuring_Cisco_Nexus_5000_Series_Adapter-FEX_rel_5_1_3_N1/b_Configuring_Cisco_Nexus_5000_Series_AdapterFEX_rel_5_1_3_N1_chapter_010.pdf

QUESTION 4

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 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

QUESTION 6

Which command is used to associate EID-to-RLOC for a LISP site?



- A. #feature lisp
- B. #ipv6 lisp itr
- C. #ip lisp database-mapping
- D. #ip lisp itr map-resolver

Correct Answer: C

QUESTION 7

Which two items are required components of VN-Link in software? (Choose two.)

- A. VDC
- B. VEM
- C. vPC
- D. VSM
- E. VRRP

Correct Answer: BD

The Cisco Nexus 1000V Series consists of two main types of components that can virtually emulate a 66-slot modular Ethernet switch with redundant supervisor functions:

?Virtual Ethernet module (VEM)-data plane: This lightweight software component runs inside the hypervisor. It enables advanced networking and security features, performs switching between directly attached virtual machines, provides

uplink capabilities to the rest of the network, and effectively replaces the vSwitch. Each hypervisor is embedded with one VEM.

?Virtual supervisor module (VSM)-control plane: This standalone, external, physical or virtual appliance is responsible for the configuration, management, monitoring, and diagnostics of the overall Cisco Nexus 1000V Series system (that is,

the combination of the VSM itself and all the VEMs it controls) as well as the integration with VMware vCenter. A single VSM can manage up to 64 VEMs. VSMS can be deployed in an active-standby model, helping ensure high availability.

Reference: http://www.cisco.com/c/en/us/solutions/collateral/switches/nexus-1000v-switch-vmware-vmware-white_paper_c11-525307.html

QUESTION 8

Which command ensures that a learned MAC address is stored within NVRAM?

- A. switchport port-security mac-address address [vlan vlan-ID]
- B. switchport port-security



- C. switchport port-security mac-address sticky
- D. feature port-security

Correct Answer: C

QUESTION 9

Between which two types of ports does FIP establish Fibre Channel virtual links? (Choose two.)

- A. VE Ports and VE Ports
- B. N Ports and F Ports
- C. VN Ports and VF Ports
- D. VP Ports and VE Ports
- E. VE Ports and VF Ports
- F. E Ports and E Ports

Correct Answer: AC

FIP aims to establish virtual FC links between VN_Ports and VF_Ports (ENode to FCF), as well as between pairs of VE_Ports (FCF to FCF), since these are the only legal combinations supported by native Fibre Channel fabrics. Standards-compliant implementations are not required to support both forms of virtual FC links, and Cisco has decided to focus initially on implementing FIP only between ENodes and FCFs. FCF-to-FCF connectivity is considered a strategic direction for end-to-end FCoE deployments, but the short-term urgency is for FCoE adoption between CNAs and the Fibre Channel fabric perimeter, where unified fabric can offer the greatest capital expenditure (CapEx) savings today.

Reference: http://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-series-switches/white_paper_c11-560403.html

QUESTION 10

Which feature enables NIV?

- A. EHV
- B. vPC
- C. Cisco FabricPath
- D. Cisco OTV
- E. VN-Tag

Correct Answer: A

EHV is the feature that enables NIV.



QUESTION 11

Which feature allows routing protocols to remain in the data path during a supervisor failover?

- A. Cisco Nonstop Forwarding
- B. Cisco Stateful Switchover
- C. Cisco Express Forwarding
- D. Cisco Route Processor Redundancy

Correct Answer: A

QUESTION 12

Refer to the exhibit.

```
N7K-1#show fabricpath switch id
FABRICPATH SWITCH-ID TABLE
Legend: ** - this system
=====
SWITCH-ID SYSTEM-ID   FLAGS  STATE  STATIC EMULATED
-----+-----+-----+-----+-----
 1    0022.5579.b1c1 Primary Confirmed Yes  No
 2    0022.5579.b1c2 Primary Confirmed Yes  No
 3    001b.54c2.7f41 Primary Confirmed Yes  No
 4    001b.54c2.7f42 Primary Confirmed Yes  No
 5    0005.73b1.f0c1 Primary Confirmed Yes  No
*6    0005.73af.08bc Primary Confirmed Yes  No
 7    0005.73b2.0fbc Primary Confirmed Yes  No
 8    0005.73af.0ebc Primary Confirmed Yes  No
102   0005.73af.0ebc Primary Confirmed No   Yes
101   0005.73b2.0fbc Primary Confirmed No   Yes
```

Which three statements about the Cisco Nexus 7000 switch are true? (Choose three.)

- A. An emulated switch ID must be unique when the vPC+ feature is used.
- B. Switches with FabricPath and vPC+ consume two switch IDs.
- C. Emulated switch IDs must be numbered from 1 to 99.
- D. Each switch ID must be unique in the FabricPath topology.
- E. Switch IDs must be configured manually.

Correct Answer: BDE

To understand this feature, please refer to the link given below.



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Reference: http://www.cisco.com/c/en/us/products/collateral/switches/nexus-5000-series-switches/guide_c07-690079.html#wp9000065

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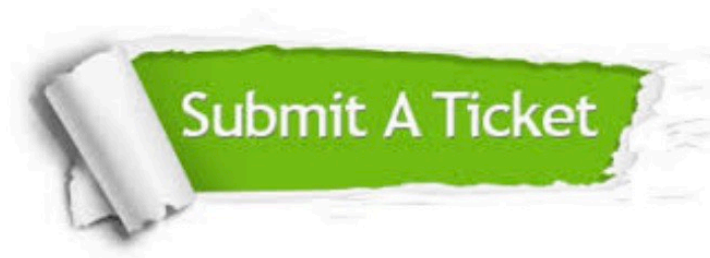
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