642-997^{Q&As}

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QUESTION 1

Which two items are services that are provided by Cisco Fabric Services? (Choose two.)

A. device alias distribution

B. VLAN database distribution

C. Kerberos proxy distribution

D. RSA key pair distribution

E. DPVM configuration distribution

Correct Answer: AE

The device alias application uses the Cisco Fabric Services (CFS) infrastructure to enable efficient database management and distribution. Device aliases use the coordinated distribution mode and the fabric-wide distribution scope. DPVM

can use CFS to distribute the database to all switches in the fabric. This allows devices to move anywhere and keep the same VSAN membership. You should enable CFS distribution on all switches in the fabric. Using the CFS infrastructure,

each DPVM server learns the DPVM database from each of its neighboring switches during the ISL bring-up process. If you change the database locally, the DPVM server notifies its neighboring switches, and that database is updated by all

switches in the fabric.

Reference:

http://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/configuration/guid e/cli/CLIConfigurationGuide/ddas.html and

http://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/san_switching/configuration/guide/b_Cisco_Nexus_7000_NX- OS_SAN_Switching_Configuration_Guide/Cisco_Nexus_7000_NXOS_SAN_Switching_Configuration_Guide_chapter4.html#concept_2B83E16506C845B39 BDF96F9CAFFAEC3

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 two security features are only supported on the Cisco Nexus 7000 Series Switches? (Choose two.)

A. IP source guard

B. traffic storm control

C. CoPP

D. DHCP snooping

E. Dynamic ARP Inspection

F. NAC

Correct Answer: BF

A traffic storm occurs when packets flood the LAN, creating excessive traffic and degrading network performance. You can use the traffic storm control feature to prevent disruptions on Layer 2 ports by a broadcast, multicast, or unicast traffic storm on physical interfaces. Traffic storm control (also called traffic suppression) allows you to monitor the levels of the incoming broadcast, multicast, and unicast traffic over a 10-millisecond interval. During this interval, the traffic level, which is a percentage of the total available bandwidth of the port, is compared with the traffic storm control level that you configured. When the ingress traffic reaches the traffic storm control level that is configured on the port, traffic storm control drops the traffic until the interval ends.

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5_x/dcnm/security/configurati on/guide/b_Cisco_DCNM_Security_Configuration_Guide__Release_5-x/Cisco_DCNM_Security_Configuration_Guide__Release_5x_chapter17.html

And http://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5_x/dcnm/security/configurati on/guide/b_Cisco_DCNM_Security_Configuration_Guide__Release_5-x/Cisco_DCNM_Security_Configuration_Guide__Release_5-x_chapter1.html

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

Which two items are features that are available in VN-Link in software? (Choose two.)

A. VM snapshot

B. NetFlow

C. ERSPAN

D. high availability

E. resource reservations

Correct Answer: BC

NetFlow is a feature that was introduced on Cisco routers that provides the ability to collect IP network traffic as it enters or exits an interface. By analyzing the data provided by NetFlow, a network administrator can determine things such as

the source and destination of traffic, class of service, and the causes of congestion. A typical flow monitoring setup (using NetFlow) consists of three main components:

Flow exporter: aggregates packets into flows and exports flow records towards one or more flow collectors.

Flow collector: responsible for reception, storage and pre-processing of flow data received from a flow exporter.

Analysis application: analyzes received flow data in the context of intrusion detection or traffic profiling,

This module describes how to configure Encapsulated Remote Switched Port Analyzer (ERSPAN). The Cisco ERSPAN feature allows you to monitor traffic on one or more ports or VLANs and send the monitored traffic to one or more

destination ports.

Reference: http://www.cisco.com/c/en/us/td/docs/ios-xml/ios/lanswitch/configuration/xe- 3s/lanswitch-xe-3s-book/lnsw-conf-erspan.html

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