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EMC DES-5121

Version Demo

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QUESTION NO: 1

Which commands should a network administrator use to configure a RADIUS server on a Dell EMC N-Series switch?

A. Switch-1(config)# radius 10.1.1.111
Switch-1(config-radius)# name RADIUS-Server
Switch-1(config-radius)# key secretkey

B. Switch-1(config)# radius server auth 10.1.1.111
Switch-l(config-radius)# name RADIUS-Server
Switch-1(config-radius)# key "secretkey"

C. Switch-1(config)# radius auth 10.1.1.111
Switch-1(config-radius)# name "RADIUS-Server"
Switch-1(config-radius)# key "secretKey"

D. Switch-1(config)# radius auth server 10.1.1.111
Switch-1(config-radius)# name RADIUS-Server
Switch-1(config-radius)# key "secretKey"

ANSWER: B

QUESTION NO: 2 - (DRAG DROP)

DRAG DROP

What is the typical sequence of steps to upgrade the firmware of a Dell EMC N-Series switch?

Select and Place:

Copy the firmware image from the TFTP server to the switch	Step 1
Configure and start the TFTP server	Step 2
Update the boot code on the switch and reboot	Step 3
Backup the running-config to a TFTP server	Step 4
Select the new image for the next boot	Step 5

ANSWER:

Copy the firmware image from the TFTP server to the switch	Configure and start the TFTP server
Configure and start the TFTP server	Backup the running-config to a TFTP server
Update the boot code on the switch and reboot	Copy the firmware image from the TFTP server to the switch
Backup the running-config to a TFTP server	Select the new image for the next boot
Select the new image for the next boot	Update the boot code on the switch and reboot

Explanation:

QUESTION NO: 3

Which spanning tree feature will prevent unnecessary timeouts from DHCP servers?

A. PortFast

B. Loop Guard

C. BPDU Flooding

D. Root Guard

ANSWER: A

Explanation:

Reference: https://www.dell.com/community/Networking-General/Advice-on-basic-STP-and-network-design/td-p/4434346

QUESTION NO: 4

A network administrator has configured a 4-port port-channel between two Dell EMC Campus networking switches. The physical interfaces show as administratively up and operationally up on both switches. However, the port-channel shows as operationally up on Switch A and operationally down on Switch B.

What is a potential reason for the inconsistent port-channel state?

A. Switch A is configured to use dynamic port-channels and Switch B is configured to use static port-channels

B. Ports in the port-channel on Switch A are all the same speed but the ports in the port-channel on Switch B are a mix of speeds

C. Switch A is configured using channel-group # mode on and Switch B is configured using channel-group # mode auto

D. N-Series supports a maximum number of physical interfaces that can be included in port-channels on a per-device basis

ANSWER: C

QUESTION NO: 5

A network administrator is setting up several stacks in their network that includes different Dell EMC N-Series models.

Which N-Series switch models require mini-SAS stacking cables?

A. N1100 and N1500

B. N1500 and N3000

C. N2000 and N3000

D. N3000 and N4000

ANSWER: C

Explanation:

Reference: https://cdn.cnetcontent.com/syndication/mediaserverredirect/c1ddae5629f69c40c5da9c0d36cb045f/original.pdf

QUESTION NO: 6

Which packet characteristics can policy-based routing be configured to match against?

A. TTL, TCP Port, and L3 Packet Length

B. L3 Packet Length, TTL, and 802.1p Priority

C. TCP Port, L3 Packet Length, and 802.1p Priority

D. TCP Port, TTL, and 802.1p Priority

ANSWER: C

QUESTION NO: 7

Which port security method converts existing dynamically learned MAC addresses on an interface to this mode and not age out?

A. Static

B. MAC address

C. Sticky

D. Dynamic

ANSWER: D

Explanation:

Reference: https://www.dell.com/support/manuals/us/en/04/networking-s4148f-on/smartfabric-os-user-guide-10-5-1/port-security?guid=guid-c27a9d47-ea59-48cc-b19d-90a9f6d52629&lang=enus

QUESTION NO: 8

N4032F#show interfaces status

Port	Description	Duplex	Speed	Neg	Link State	Flow Ctrl	M	VLAN
Te1/0/5		Full	100	Off	Up	On	A	1
Te1/0/6		Full	1000	Off	Up	Off	A	1

Port Channel	Description	Link State	M	VLAN
Po1		Up	A	1

N4032F#show interfaces port-channel 1

Channel	Ports	Ch-Type	Hash Type	Min-Links	Local Prf	Rx Util	Tx Util
Po1	Active: Te1/0/5	Dynamic	7	1	Disabled	0	0
	Inactive: Te1/0/6						

Hash Algorithm Type

1 - Source MAC, VLAN, EtherType, source module and port Id

2 - Destination MAC, VLAN, EtherType, source module and port Id

3 - Source IP and source TCP/UDP port

4 - Destination IP and destination TCP/UDP port

5 - Source/Destination MAC, VLAN, EtherType, source MODID/port

6 - Source/Destination IP and source/destination TCP/UDP port

7 - Enhanced hashing mode

N4032F#

A Dell EMC N-Series switch has been configured with a 2-member port-channel; however, only one link is currently active.

Based on the exhibit, why is only one link active?

A. Minimum links value for Po1 is set to "1"

B. Hash algorithm is configured for active-passive

C. Te1/0/6 interface is administratively disabled

D. Speed setting is different between ports

ANSWER: D

QUESTION NO: 9

In a PoE environment, what information does the Network Policy TLV exchange between the PSE and PD?

A. Required Power, VLAN ID, and DSCP Value

B. VLAN ID, IEEE Priority, and DSCP Value

C. IEEE Priority, Required Power, and VLAN ID

D. DSCP Value, Required Power, and IEEE Priority

ANSWER: B

Explanation:

Reference: http://ftp.dell.com/manuals/all-products/esuprt_ser_stor_net/esuprt_networking/poweredge-m-io-aggregator_Concept-Guide4_en-us.pdf page 162

QUESTION NO: 10

Which interface on a Dell EMC N-Series switch provides the most security for management?

A. VLAN

B. Ethernet

C. Loopback

D. Out-of-band

ANSWER: D