

# DES-5121<sup>Q&As</sup>

Specialist - Implementation Engineer - Campus Networking Exam

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### QUESTION 1

What is the interaction between CDP, ISDP, and LLDP when communicating configuration information from a Dell EMC Campus networking switch to a Cisco VoIP phone?

- A. N-Series switches can be configured to use LLDP or CDP to communicate configuration information with Cisco devices
- B. N-Series switches can be configured to use only CDP to communicate configuration information with Cisco devices
- C. N-Series switches can be configured to use ISDP or CDP to communicate configuration information with Cisco devices
- D. N-Series switches can be configured to use ISDP or LLDP to communicate configuration information with Cisco devices

Correct Answer: D

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### QUESTION 2

When configuring a Dell EMC N-Series switch for VoIP and QoS, what is one QoS setting that ensures voice traffic is prioritized in the presence of other network traffic?

- A. LLDP protocol setting
- B. ISDP protocol setting
- C. Classification setting
- D. VLAN spanning tree setting

Correct Answer: C

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### QUESTION 3

To which destination MAC address are MLAG peer-keepalive packets sent?

- A. 01:00:B5:00:00:00
- B. 01:00:C5:00:00:00
- C. B5:00:01:00:00:00
- D. C5:00:01:00:00:00

Correct Answer: A

Reference: <https://www.manualslib.com/manual/858353/Dell-Networking-N4000-Series.html?page=941>

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#### QUESTION 4

Two switches are part of the same VRRP group with the following priorities configured:

Switch1: Priority 110

Switch2: Priority 90

Switch2 is required to be the Master if interface GigabitEthernet 0/2 on Switch1 fails.

Which configuration should be part of the setup?

- A. Switch1(conf-if-vlan10)# vrrp 1 track interface vlan 20 decrement 100 Switch1(conf-if-vlan10)# no vrrp 1 preempt
- B. Switch2(conf-if-vlan10)# vrrp 1 track interface vlan 20 decrement 100 Switch2(conf-if-vlan10)# no vrrp 1 preempt
- C. Switch1(conf-if-vlan10)# vrrp 1 track interface vlan 20 decrement 100 Switch1(conf-if-vlan10)# vrrp 1 preempt
- D. Switch2(conf-if-vlan10)# vrrp 1 track interface vlan 20 decrement 100 Switch2(conf-if-vlan10)# vrrp 1 preempt

Correct Answer: C

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#### QUESTION 5

When setting up VoIP, you decide that you want to use LLDP. LLDP is enabled by default and LLDP Transmit Management Information and Notification modes are enabled.

What additional steps need to be performed?

- A. Enable ISDP and enable LLDP-MED confignotification
- B. Disable ISDP and enable LLDP-MED confignotification
- C. Enable ISDP and disable LLDP-MED confignotification
- D. Disable ISDP and disable LLDP-MED confignotification

Correct Answer: B

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#### QUESTION 6

Which AAA method is only used for 802.1x and never returns an error?

- A. local
- B. enable
- C. ias
- D. line

Correct Answer: C

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Reference: [http://ftp.dell.com/manuals/all-products/esuprt\\_ser\\_stor\\_net/esuprt\\_networking/powerconnect-8100\\_concept%20guide2\\_en-us.pdf](http://ftp.dell.com/manuals/all-products/esuprt_ser_stor_net/esuprt_networking/powerconnect-8100_concept%20guide2_en-us.pdf) page 209

**QUESTION 7**

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

Correct Answer:

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

**QUESTION 8**

Which switchport mode is recommended for ports on a Dell EMC N-Series switch with IP phones using voice VLAN?

- A. Access
- B. Active
- C. Hybrid
- D. General

Correct Answer: D

**QUESTION 9**

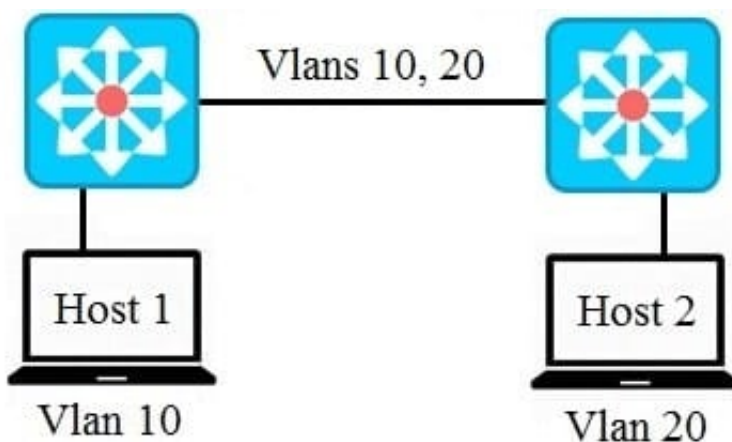
Which packet characteristics can policy-based routing be configured to match against?

- 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

Correct Answer: C

**QUESTION 10**

Refer to the Exhibit.



A network administrator needs to configure the switches to allow traffic to communicate from Host 1 to Host 2. Which recommended switch port mode should the interconnecting switch ports be configured?

- A. Access

- B. Trunk
- C. VLAN Stacking
- D. Hybrid

Correct Answer: B

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#### QUESTION 11

Which function does a VRRP backup router perform?

- A. Sends keepalive advertisements to the other backup routers
- B. Processes and responds to ARP requests
- C. Forwards packets to the Master with a destination IP of the virtual IP address
- D. Receives packets with the virtual MAC address as the destination for other backup routers

Correct Answer: D

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#### QUESTION 12

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

Correct Answer: B

Reference: [http://ftp.dell.com/manuals/all-products/esuprt\\_ser\\_stor\\_net/esuprt\\_networking/poweredge-m-io-aggregator\\_Concept-Guide4\\_en-us.pdf](http://ftp.dell.com/manuals/all-products/esuprt_ser_stor_net/esuprt_networking/poweredge-m-io-aggregator_Concept-Guide4_en-us.pdf) page 162

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#### QUESTION 13

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

Correct Answer: C

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#### QUESTION 14

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

Correct Answer: D

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#### QUESTION 15

What is the maximum number of dynamic MAC addresses that can be learned on a Dell EMC N-Series switchport that is configured for dynamic locking?

- A. 100
- B. 300
- C. 400
- D. 600

Correct Answer: A

Reference: <https://www.dell.com/support/article/en-us/how10392/how-to-configure-mac-based-port-security-on-dell-n2000-n3000-and-n4000-series-switches?lang=en>

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