Cisco

Exam Questions 640-911

DCICN Introducing Cisco Data Center Networking
NEW QUESTION 1
What network device is considered an invisible wire?
A. router 
B. hub 
C. switch 
D. bridge 

Answer: B

NEW QUESTION 2
How many supervisor engines must a Cisco Nexus chassis contain to support the In-Service Software Update feature?
A. 2 
B. 3 
C. 4 
D. 1 

Answer: A

NEW QUESTION 3
For a router to do an IP routing process, which part of a packet must be checked before consulting the routing table?
A. destination IP address 
B. source IP address 
C. destination MAC address 
D. source MAC address 

Answer: A

NEW QUESTION 4
A network engineer configures several VLANs using NX-OS and wants to save the changes. Which commands are used to save this configuration?
A. write memory 
B. copy run start 
C. write terminal 
D. copy start run 

Answer: B

NEW QUESTION 5
HOTSPOT

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Devices on the VLAN range 750-760 are not able to communicate via E2/11 on N7010-C1. Which of the following reasons might explain the problem?

- STP (Rapid PVST) is not running on E2/11.
- VTP is not enabled on E2/11.
- This VLAN range is not allowed on E2/11.
- LACP is not running on Eth2/11.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 6
In Cisco NX-OS, which three options are possible spanning tree port types? (Choose three.)

A. bridge
B. network
C. normal
D. root
E. edge
F. fixed

Answer: BCE

NEW QUESTION 7
What is the binary value of the decimal number 1263?

A. 11011101101
B. 10011101111
C. 10011101011
D. 11010001111
E. 10111101111

Answer: B

Explanation:
Decimal 1263
Binary 10011101111
Hexadecimal 0x4ef
Roman MCCLXIII
Dotted decimal 0.0.4.239

NEW QUESTION 8
An administrator wants a host with IP address 192.168.40.3 to communicate to hosts on the Internet. How can this be achieved?

A. This type of communication cannot be achieved.
B. Network Address Translation must be used.
C. The perimeter firewall must permit RFC 1918 addresses to the Internet.
D. A dedicated VLAN should be provisioned to allow private-to-public translation.

Answer: B

NEW QUESTION 9

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After a firewall is installed in the network, users have lost FTP access to the remote Cisco Nexus switches, but the TFTP access still works. Which protocol is blocked by the firewall?

A. UDP  
B. TCP  
C. IP  
D. ICMP  
E. RIP  

Answer: B

NEW QUESTION 10
Unlike IPv6, which feature is available only in IPv4?

A. broadcast  
B. anycast  
C. multicast  
D. unicast  

Answer: A

NEW QUESTION 11
Which command should you use to configure a Cisco Nexus switch port for Layer 2 operation?

A. nexus(config-if)#switchport  
B. nexus(config-if)#layer-2  
C. nexus(config-if)#routed  
D. nexus(config)#interface vlan 10nexus(config-if)#switchport  

Answer: A

Explanation:
"If you want to configure a Layer 3 interface for Layer 2, enter the switchport command. Then, if you change a Layer 2 interface to a routed interface, enter the no switchport command." http://www.cisco.com/en/US/docs/switches/datacenter/nexus5000/sw/command/reference/layer2/n5kl2_cmds_n.pdf

NEW QUESTION 12
A network engineer is verifying Layer 2 connectivity of a server to a Cisco Nexus switch by checking Address Resolution Protocol table statistics. Which command shows the MAC address, physical interface, VLAN, and IP address of a server on a Cisco Nexus switch?

A. show ip arp detail  
B. show ip arp  
C. show ip arp interface  
D. show arp detail  

Answer: A

NEW QUESTION 13
What action does a switch take if the destination MAC address is unknown?

A. Discard frame  
B. Send ICMP unreachable message to source  
C. Flood packet on all ports  
D. Compare destination IP address against an ACL to determine if it is permitted  
E. Send gratuitous ARP on all ports and wait for reply before forwarding  

Answer: C

Explanation:
The switch will transmits frame with the unknown destination address to all of its ports (apart from the port where frame came from). This process is called unknown unicast flooding. * http://telconotes.wordpress.com/2013/03/09/how-a-switch-works/

NEW QUESTION 14
A network engineer needs to change the boot process of a router from a normal boot sequence, for password recovery purposes. Which value should be changed on the router?

A. configuration register value  
B. NVRAM size value  
C. startup configuration value  
D. IOS version value  

Answer: A

NEW QUESTION 15
Which device can provide FCoE connectivity?
A. Cisco 2901 Integrated Services Router
B. Cisco Nexus 2224TP Fabric Extender
C. Cisco Nexus 5548 Switch
D. Cisco ASA 5510 Firewall

Answer: C

NEW QUESTION 16
What is the default periodic interval at which RIPv1 sends routing updates?

A. 15 seconds
B. 30 seconds
C. 45 seconds
D. 60 seconds
E. 90 seconds
F. RIPv1 only sends routing updates when the topology changes.

Answer: B

Explanation:
"Originally, each RIP router transmitted full updates every 30 seconds."

NEW QUESTION 17
Given a subnet address of 10.6.128.0/22, how many IP addresses are usable for this subnet?

A. 1024
B. 2048
C. 1022
D. 2046
E. 256

Answer: C

NEW QUESTION 18
What is the maximum number of fabric modules that can be installed in a Cisco Nexus 7000 chassis?

A. 4
B. 5
C. 6
D. 7

Answer: B

NEW QUESTION 19
What is required to allow devices that are using RFC 1918 addresses to communicate over the Internet?

A. A private to public VLAN must be defined on the Internet border device.
B. The Internet firewall must permit RFC 1918 addresses.
C. VLAN translation is required on the Internet border device.
D. Network address translation is required on the Internet border device.

Answer: D

Explanation:
"The majority of NATs map multiple private hosts to one publicly exposed IP address. In a typical configuration, a local network uses one of the designated "private" IP address subnets (RFC 1918)."
http://en.wikipedia.org/wiki/Network_address_translation

NEW QUESTION 20
Where does Cisco Nexus Operating System store the running configuration file?

A. RAM
B. flash
C. bootflash
D. volatile
E. NVRAM

Answer: A

Explanation:
"The "running-config" file is stored in RAM."

NEW QUESTION 21
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