

CompTIA

Exam RC0-N06

CompTIA Network+ Recertification Exam for Continuing Education

Version: Demo

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Topic break down

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Topic 1, Network architecture

Question No : 1 - (Topic 1)

A network technician must utilize multimode fiber to uplink a new networking device. Which of the following Ethernet standards could the technician utilize? (Select TWO).

- A. 1000Base-LR
- B. 1000Base-SR
- C. 1000Base-T
- D. 10GBase-LR
- E. 10GBase-SR
- F. 10GBase-T

Answer: B,E

Explanation:

1000BASE-SX is a fiber optic Gigabit Ethernet standard for operation over multi-mode fiber with a distance capability between 220 meters and 550 meters.

10Gbase-SR is a 10 Gigabit Ethernet LAN standard for operation over multi-mode fiber optic cable and short wavelength signaling.

Topic 3, Network security

Question No : 2 - (Topic 3)

A company has seen an increase in ransomware across the enterprise. Which of the following should be implemented to reduce the occurrences?

- A. ARP inspection
- B. Intrusion detection system
- C. Web content filtering
- D. Port filtering

Answer: C

Explanation:

Ransomware is a type of malware which restricts access to the computer system that it infects, and demands a ransom paid to the creator(s) of the malware in order for the restriction to be removed.

The best way to avoid ransomware include proactive measures like the following:

Don't click on any URL or open an attachment you are not expecting.

Implement an email content filtering service

Install a web content filtering service

Invest in leading end point security software solutions

Question No : 3 - (Topic 4)

A network engineer is troubleshooting an issue with a computer that is unable to connect to the Internet. The network engineer analyzes the following output from a command line utility:

```
Network Destination Netmask Gateway Interface
192.168.1.0 255.255.255.0 192.168.1.254 eth0
192.168.1.10 255.255.255.255 192.168.1.10 eth0
127.0.0.1 255.0.0.0 On-Link lo
127.0.0.0 255.0.0.0 On-Link lo
255.255.255.255 255.255.255.255 102.168.1.10 eth0
```

Which of the following is the reason for the computer issue, given the above output?

- A. Wrong default gateway netmask
- B. Incorrect default gateway address
- C. Default gateway on the wrong interface
- D. Missing default gateway

Answer: D

Explanation:

The output appears to be a result of running the `netstat -r` command. If the default gateway was present, the first line would show the Network Destination as 0.0.0.0 and the Netmask as 0.0.0.0.

Topic 5, Industry standards, practices, and network theory

Question No : 4 - (Topic 5)

Which of the following PDUs is used by a connectionless protocol?

- A. Frames
- B. Segments
- C. Streams
- D. Datagram

Answer: D

Explanation:

UDP is a connectionless transport protocol that operates in the transport layer of the OSI model. UDP stands for User Datagram Protocol. PDUs (Protocol Data Units) used by UDP are known as Datagrams.

Topic 6, Mix questions

Question No : 5 - (Topic 6)

Which of the following can be issued from the command line to find the layer 3 hops to a remote destination?

- A. traceroute
- B. nslookup
- C. ping
- D. netstat

Answer: A

Question No : 6 - (Topic 6)

Host1's application generates a payload of 2500B of data and sends to Host2. When the application on Host2 receives the payload it will be:

- A. more than 2500B due to encapsulation.
- B. 2500B in size.
- C. less than 2500B due to decapsulation.
- D. 1500B due to the default MTU settings.

Answer: B

Explanation:

<http://techterms.com/definition/payload>

Question No : 7 - (Topic 6)

A technician is troubleshooting a newly installed WAP that is sporadically dropping connections to devices on the network. Which of the following should the technician check FIRST?

- A. WAP placement
- B. Encryption type
- C. Bandwidth saturation
- D. WAP SSID

Answer: A

Question No : 8 - (Topic 6)

A network technician is replacing security devices that protect the DMZ for a client. The client has an application that allows external users to access the application remotely. After replacing the devices, the external users are unable to connect remotely to the application. Which of the following is MOST likely misconfigured?

- A. Content filter
- B. Firewall
- C. DNS
- D. DHCP

Answer: B

Question No : 9 - (Topic 6)

Joe, a user, has a computer that has a link light on his network interface card (NIC); however, Joe is unable to access the Internet. Which of the following is the cause of this issue?

- A. Faulty GBIC
- B. Faulty SFP
- C. Cable is a crossover
- D. VLAN mismatch

Answer: D

Explanation:

As user has link light on NIC that means he has connectivity with switch so he need to

check his vlan assignment.

Question No : 10 - (Topic 6)

On which of the following OSI model layers would a MAC address be used?

- A. Network
- B. Data Link
- C. Transport
- D. Physical

Answer: B

Explanation:

The ITU-T G.hn standard, which provides high-speed local area networking over existing wires (power lines, phone lines and coaxial cables), includes a complete data link layer which provides both error correction and flow control by means of a selective repeat Sliding Window Protocol.