

# N10-005<sup>Q&As</sup>

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**QUESTION 1**

A technician discovers that the throughput of sales traffic on the primary connection is constantly reaching maximum level, and the sales users are beginning to report slowness while accessing cloud based applications. The technician allows traffic to use the secondary connection so that traffic would share both connections.

This is an example of which of the following?

- A. QoS
- B. Caching engines
- C. Traffic shaping
- D. Load balancing

Correct Answer: D

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**QUESTION 2**

Which of the following IP address/subnet mask combinations represent a broadcast address? (Select TWO).

- A. 200.200.100.0/28
- B. 200.200.100.32/27
- C. 200.200.100.63/27
- D. 200.200.100.79/27
- E. 200.200.100.95/27
- F. 200.200.100.254/30

Correct Answer: CE

A broadcast address is a logical address at which all devices connected to a multiple-access communications network are enabled to receive datagrams. A message sent to a broadcast address is typically received by all network-attached hosts, rather than by a specific host.

Reference. <http://www.wikihow.com/Calculate-Network-and-Broadcast-Address>

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**QUESTION 3**

Which of the following network protocols is used to resolve FQDNs to IP addresses?

- A. DNS
- B. FTP

C. DHCP

D. APIPA

Correct Answer: A

An Internet service that translates domain names into IP addresses. Because domain names are alphabetic, they're easier to remember. The Internet however, is really based on IP addresses. Every time you use a domain name, therefore, a DNS service must translate the name into the corresponding IP address. For example, the domain name www.example.com might translate to 198.105.232.4.

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#### QUESTION 4

On which of the following layers of the OSI model does IP operate?

A. Session

B. Transport

C. Network

D. Data link

Correct Answer: C

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#### QUESTION 5

A user reports that they are unable to connect to the network. Upon further investigation, a technician notices that the user has an IP address/subnet mask combination of 192.168.204.255/24. The default gateway for the network is

192.168.204.254.

Which of the following could the user's IP address be changed to so that they could connect to the network?

A. 192.168.204.0/27

B. 192.168.204.1/27

C. 192.168.204.112/24

D. 192.168.204.254/24

Correct Answer: C

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