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Vendor:CompTIA

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Exam Name:CompTIA Network+ Certification Exam

Version:Demo

QUESTION 1

Which of the following is a Class A IP address?

- A. 10.4.0.1
- B. 169.254.0.1
- C. 192.168.0.1
- D. 254.200.0.1

Correct Answer: A

Class A ip address ranges from 10.0.0.0 to 10.255.255.255

QUESTION 2

Ann, a technician, installs a new WAP and users are able to connect; however, users cannot access the Internet. Which of the following is the MOST likely cause of the problem?

- A. The signal strength has been degraded and latency is increasing hop count.
- B. An incorrect subnet mask has been entered in the WAP configuration.
- C. The signal strength has been degraded and packets are being lost.
- D. Users have specified the wrong encryption type and routes are being rejected.

Correct Answer: B

Due to wrong subnet entered user is unable to communicate with anyone so to communicate he needs to be in right subnet.

QUESTION 3

Which of the following devices can be utilized to monitor and block websites accessible by a company?

- A. WINS server
- B. DNS server
- C. Content filter
- D. Reverse proxy

Correct Answer: C

On the Internet, content filtering (also known as information filtering) is the use of a program to screen and exclude from access or availability Web pages or e-mail that is deemed objectionable. Content filtering is used by corporations as part of Internet firewall computers and also by home computer owners, especially by parents to screen the content their

children have access to from a computer.

QUESTION 4

A company pays a third-party vendor a monthly fee to connect to offsite servers and desktops. Users connect to the desktops via RDP, and administrators connect to the servers via VPN. Servers and desktops are hardware-based. Which of the following is the third-party providing?

- A. Virtual desktops
- B. Virtual servers
- C. NaaS
- D. SaaS

Correct Answer: C

QUESTION 5

A network administrator is replacing old switches to support a VoIP deployment. Based on this parameter, which of the following is MOST likely to be implemented on these new switches?

- A. PoE
- B. STP
- C. NAT
- D. VTP

Correct Answer: A

QUESTION 6

Which of the following describes the amount of time it takes for a packet to transmit from one switch to another?

- A. Hop count
- B. Latency
- C. MTU limit
- D. Distance vector

Correct Answer: B

QUESTION 7

Which of the following connectors is used for coaxial copper cable?

- A. BNC
- B. DB-9
- C. RJ-11
- D. ST

Correct Answer: A

QUESTION 8

Which of the following is always true when a router selects a destination?

- A. The default gateway is selected over any other static or dynamic route.
- B. The shortest route is always selected.
- C. The most specific route is selected over the default gateway.
- D. A dynamic route is selected over a directly attached network.

Correct Answer: C

Router always looks for the most closely matched route for forwarding the packet. For example if there are two routes in your router and you have to send a packet to a host with an ip 10.10.10.10 then it will forward packet to 192.168.1.10 rather than 192.168.1.1:

Network Destination Netmask Gateway

0.0.0.0 0.0.0.0 192.168.1.1

10.10.10.0 255.255.255.0 192.168.1.10

QUESTION 9

A recent flood in the office caused a lot of equipment to be damaged and the manager of the IT department would like a way to prevent such an incident in the future. Which of the following is the BEST way to mitigate such an equipment failure?

- A. Reduce the power input on the replacement servers.
- B. Cover the servers with plastic tarps.

- C. Purchase twice as many servers to create high availability clusters.
- D. Transfer the replacement servers offsite to a data center.

Correct Answer: D

As we replace replacement servers offsite to datacenter this will cause lower traffic on over lan and will not cause failure of these server also.

QUESTION 10

A user cannot access the LAN after working successfully most of the day. Which of the following should the network administrator check FIRST?

- A. VLAN settings
- B. History logs
- C. Patch cable
- D. Port security

Correct Answer: C

A patch cable or patch cord or patch lead is an electrical or optical cable used to connect ("patch- in") one electronic or optical device to another for signal routing.

QUESTION 11

Which of the following has the LEAST amount of collisions in a domain?

- A. Bridge
- B. Hub
- C. Repeater
- D. Switch

Correct Answer: D

QUESTION 12

Which of the following is a common LAN protocol used for a SOHO?

- A. ATM
- B. DSL

C. Ethernet

D. HDLC

Correct Answer: C