

Vendor: CompTIA

Exam Code: N10-004

Exam Name: CompTIA Network+ (2009 Edition)

Version: Demo

QUESTION NO: 1

Which of the following would an administrator do NEXT once an action plan has been created?

- A. Find new symptoms and issues.
- B. Identify more areas that may be affected.
- C. Determine if escalation is necessary.
- D. Implement the plan and test it.

Answer: D

Explanation:

QUESTION NO: 2

An office is using 802.11a to network the entire office. When a visitor brings a personal laptop to the office, the visitor is not able to connect to the network. Which of the following is the reason why visitors are unable to connect?

- A. Weak signal
- B. Standard mismatch
- C. Incorrect channel
- D. Wrong DNS

Answer: B

Explanation:

QUESTION NO: 3

172.20.0.112 represents an address at which of the following layers of the OSI model?

- A. Layer 1
- B. Layer 2
- C. Layer 3
- D. Layer 4

Answer: C

Explanation:

QUESTION NO: 4

An administrator needs to create a subnet that will accommodate up to 4000 hosts on the same subnet but not more than 6000. Which of the following network addresses would the administrator use to accommodate this request?

- A. 10.4.4.0/22
- B. 10.10.1.0/19
- C. 172.31.146.0/20
- D. 192.168.100.0/23

Answer: C

Explanation:

QUESTION NO: 5

Which of the following logical topologies uses distributed authentication?

- A. Client/server
- B. VLAN
- C. VPN
- D. P2P

Answer: D

Explanation:

QUESTION NO: 6

A helpdesk team is unable to agree on a solution to an issue. Each technician presents their own solution to the problem. When a solution is agreed upon, which of the following documentation MOST likely needs to be reviewed and possibly updated?

- A. Baseline
- B. Wiring Schematics
- C. Procedures
- D. Regulations

Answer: C

Explanation:

QUESTION NO: 7

Which of the following devices should be used to connect a router to a T1 line?

- A. CSU/DSU
- B. Firewall
- C. Proxy server
- D. Switch

Answer: A

Explanation:

QUESTION NO: 8

Which of the following is a 32-bit address?

- A. MAC
- B. IPv6
- C. WWN
- D. IPv4

Answer: D

Explanation:

QUESTION NO: 9

Which of the following would a switch port be an example of?

- A. Broadcast domain
- B. Spanning-tree loop
- C. Routing table entry
- D. Collision domain

Answer: D

Explanation:

QUESTION NO: 10

Which of the following tools is BEST used to find where a CAT5e cable is terminated?

- A. Cable tester
- B. Butt set
- C. Toner probe
- D. OTDR

Answer: C

Explanation:

QUESTION NO: 11

Several mobile users from various areas are reporting intermittent connectivity issues. Which of the following is the MOST likely cause?

- A. Encryption strength
- B. SSID mismatch
- C. Interference
- D. Weak signals

Answer: C

Explanation:

QUESTION NO: 12

A company uses wiring standard 568A throughout their network. However, a contractor for the company installs a lab using 568B. While the lab technically works, this may cause problems because:

- A. the 568B standard conflicts with the 568A standard and causes interference in the network.
- B. different crimping tools are needed to adhere to the 568B standard.
- C. when replacing connectors other technicians may use the wrong wiring scheme.
- D. crosstalk between pairs will be greatly increased due to standard incompatibility.

Answer: C

Explanation:

QUESTION NO: 13

When testing a network wire, the network testing device reports Warning! Voltage on-line. Which of the following would cause this?

- A. Attenuation on the wire is too low.
- B. The wire is being used on the phone system.
- C. There is crosstalk on the wire.
- D. The wire is being used on a satellite connection.

Answer: B

Explanation:

QUESTION NO: 14

A user has accidentally looped two open network jacks together with a spare patch cable. Which of the following is MOST likely to occur?

- A. Domain collision
- B. Signal bleed
- C. Broadcast storm
- D. Signal loss

Answer: C

Explanation:

QUESTION NO: 15

E1/T1 service ordered from the local telecommunications company is typically delivered over which of the following?

- A. Copper
- B. Cellular
- C. Fiber
- D. Wireless

Answer: A

Explanation:

QUESTION NO: 16

Which of the following would allow an administrator to confirm maximum bandwidth is being utilized?

- A. Throughput tester
- B. Load testing
- C. Packet sniffer
- D. Protocol analyzer

Answer: A

Explanation:

QUESTION NO: 17

IGP differs from EGP because IGP is designed for use in which of the following?

- A. Communication between WANs
- B. Communication between networks
- C. Single autonomous network
- D. Single non-autonomous network

Answer: C

Explanation:

QUESTION NO: 18

Which of the following network cables would test the ports on a switch?

- A. Crossover
- B. Rollover
- C. Loopback
- D. Straight

Answer: C

Explanation:

QUESTION NO: 19

Which of the following is the BEST protocol to use when a user would like to keep emails synchronized over multiple devices?

- A. IGMP
- B. IMAP4
- C. HTTP
- D. POP3

Answer: B

Explanation:

QUESTION NO: 20

Which of the following is a required option of a DHCP lease?

- A. BootP
- B. DNS address
- C. Default gateway
- D. TFTP server

Answer: C

Explanation:

QUESTION NO: 21

A technician spoke to a user regarding a network problem. The technician searched all the logs associated with the problem and pulled the change logs for the network environment. Which of the following should the technician perform NEXT?

- A. Establish a theory of probable cause.
- B. Implement preventative measures.
- C. Implement the solution or escalate as necessary.
- D. Establish a plan of action to resolve the problem.

Answer: A

Explanation:

QUESTION NO: 22

An administrator wants to control and limit access to company computers from remote users.

Which of the following services would the administrator MOST likely disable?

- A. TELNET
- B. HTTP
- C. RDP
- D. RCP

Answer: C

Explanation:

QUESTION NO: 23

An administrator would like to implement a technology that requires no configuration on the client side and filters out specified port ranges. Which of the following would accomplish this?

- A. Host-based firewall
- B. Network-based IDS
- C. Network-based firewall
- D. Host-based proxy service

Answer: C

Explanation:

QUESTION NO: 24

Which of the following would a technician do to monitor remote traffic through an access point?

- A. Enable an SNMP agent
- B. Enable network mapping
- C. Set monitoring SSID
- D. Select WPA2

Answer: A

Explanation:

QUESTION NO: 25

An administrator is replacing a hub on a network. Which of the following devices would be the BEST replacement choice?

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

Answer: B

Explanation:

QUESTION NO: 26

Which of the following is a Layer 2 device that would MOST likely be used to connect network segments of different topologies?

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

Answer: A

Explanation:

QUESTION NO: 27

Which of the following tools is used to determine if a phone line is in working order?

- A. Voltage event recorder
- B. Toner probe
- C. Multimeter
- D. Butt set

Answer: D

Explanation:

QUESTION NO: 28

Port scanners are MOST likely used to:

- A. generate up-to-date routing tables.
- B. identify unused ports on a switch.
- C. map a companys network topology.
- D. identify running services on a host.

Answer: D

Explanation:

QUESTION NO: 29

When implementing a WAP, which of the following can be disabled to help prevent unauthorized people from locating the network?

- A. DHCP
- B. MAC filtering
- C. DNS
- D. SSID

Answer: D

Explanation:

QUESTION NO: 30

Which of the following would allow an administrator to implement port level security?

- A. PKI
- B. RADIUS
- C. 802.1x
- D. MAC filtering

Answer: C