

# CompTIA

## Exam N10-003

### Network+ Certification Exam

Version: 5.0

[ Total Questions: 502 ]

**Topic 1, D**

D

**Question No : 1 - (Topic 1)**

You are working as a technician at Pass4sure .com. A Mac OS X 10.3 user has requested some assistance with a network connectivity issue that he has. The Mac OS uses Kerberos to access a Kerberized service provided by a Mac OS X server 10.3 but the user experiences an authentication failure when he tries to do this. Which of the following steps might resolve the issue?

- A. Install Kerberos client software for Mac OS X 10.3 on the user's computer.
- B. Synchronize all Kerberos principal's clocks using a network time server.
- C. Ensure that the IP address of the user's computer to allow the user to access the service.
- D. All of the above.

**Answer: B****Question No : 2 - (Topic 1)**

After identifying the area affected by a problem, the NEXT step is to \_\_\_\_\_.

- A. Select the most probable cause.
- B. Identify what has changed.
- C. Implement a solution.
- D. Test a solution.

**Answer: B****Question No : 3 - (Topic 1)**

User names and passwords can be authenticated by a client workstation to which type of server?

- A. Windows Internet Name Service (WINS)
- B. Domain Name Service (DNS)
- C. Primary Domain Controller (PDC)
- D. Dynamic Host Configuration Protocol (DHCP)

**Answer: C**

**Question No : 4 - (Topic 1)**

You are the network assistant at Pass4sure.com. The network technician is troubleshooting a network connectivity problem. He asks you to determine the most probable cause of the problem. Which of the following would you need to do?(Choose all that apply)

- A. Identify the symptoms.
- B. Identify the affected area.
- C. Identify what has changed.
- D. Implement a solution.

**Answer: A,B,C**

**Question No : 5 - (Topic 1)**

The FIRST step in resolving a network problem is to \_\_\_\_\_.

- A. select the most probable cause
- B. identify what has changed
- C. identify the affected area
- D. identify the symptoms

**Answer: D**

**Question No : 6 - (Topic 1)**

A remote user cannot use the URL `http://mine.mypage.info` to access the secure web server. The page is functional from other computers. The reason is that the user:

- A. has the wrong browser version.
- B. does not have access to .info domains.
- C. has not entered https.
- D. has not entered www.

**Answer: C**

**Question No : 7 - (Topic 1)**

You work as a network administrator at Pass4sure.com. Pass4sure's network is medium-sized and consists of a mixture of different platform computers. The network is split into multiple subnets located across a large geographical area. IEEE 802.11g Wireless Access Points are found in more than half of the subnets. You receive reports that one of the subnets has experienced a lot of downtime. You are sent to the branch office with the network to conduct on-site troubleshooting. You soon notice that the downtime only affects wireless users and the downtime lasts approximately an hour around midday every day. Which of the following would be an appropriate action to address this problem?

- A. Upgrade all affected computers to a uniform platform running in ad-hoc mode
- B. Eliminate any sources of RFI (Radio Frequency Interference) around the WAP (Wireless Access Point)
- C. During the affected time, connect the WAP (Wireless Access Point) directly into the router
- D. Change the WAP (Wireless Access Point) and all affected computers to operate in ad-hoc mode

**Answer: B**

**Question No : 8 - (Topic 1)**

You work as the network technician at Pass4sure .com. A user has entered the wrong WEP (Wired Equivalent Privacy) key into a wireless device. Which of the following symptoms will occur?

- A. Data can be sent but not received.
- B. The network cannot be accessed.
- C. Data cannot be sent but can be received.
- D. The network can only be accessed using the Service Set Identifier.

**Answer: B**

**Question No : 9 - (Topic 1)**

IEEE is one of the leading standards-making organizations in the world. IEEE performs its standards making and maintaining functions through the IEEE Standards Association (IEEE-SA). Which of the following IEEE standards has a maximum bandwidth of 54Mbps operating at 5GHz?

- A. 802.11b
- B. 802.11
- C. 802.11g
- D. 802.11a

**Answer: D**

**Question No : 10 - (Topic 1)**

You are the network administrator at Pass4sure .com. Pass4sure.com has several workstations that have wireless 802.11g network adapters. Every day at around lunchtime wireless users complain of lack of connectivity. What can you do to this problem?

- A. Replace the WAP with an 802.11b WAP.
- B. Reduce the Radio Frequency Interference around the WAP.
- C. Configure the wireless workstations and the WAP to operate in ad-hoc mode.
- D. Connect the WAP directly to the network.

**Answer: B**

**Question No : 11 - (Topic 1)**

Tom is a junior network administrator. He configures a token ring network in a physical star, logical ring topology. He connects the end nodes into a 100BASE-TX network hub. Users report that they can't access network. Which device can replace the hub?

- A. 10BASE-T hub
- B. Multistation Access Unit (MAU)
- C. Bridge
- D. Router

**Answer: B**

**Question No : 12 - (Topic 1)**

You work as the network administrator at Pass4sure.com. You are sent to one of Pass4sure's branch offices to investigate a network problem. The network at the branch office consists of twenty Windows XP workstations that are wired to a switch. The switch is connected to a router for Internet access. One of the users at the branch office reports that

she is unable to access the Internet. All other users can access the Internet. Which of the following items should you check to solve the problem?

- A. The network card of the problematic machine, the port on the switch that uplinks to router, and the patch cable from the problematic machine to the switch.
- B. The patch cable from the problematic machine to the switch, the port on switch that the problematic machine is plugged into, and the external interface on the router.
- C. The network card of the problematic machine, the port on the switch that the problematic machine is plugged into, and the patch cable from the problematic machine to the switch.
- D. The port on the switch that the problematic machine is plugged into, the network card of the problematic machine, and the uplink port on the switch.

**Answer: C**

**Question No : 13 - (Topic 1)**

Dynamic Host Configuration Protocol (DHCP) is a network application protocol used by devices (DHCP clients) to obtain configuration information for operation in an Internet Protocol network. A new DHCP server has been implemented. A technician checks some computers' IP addresses and the IP addresses are not in the scope but they can reach network resources. The other computers can obtain the IP addresses issued by the DHCP server. Why?

- A. The DHCP server needs to be restarted
- B. The computers are still set with a static IP address
- C. The computers need to be restarted
- D. The computers network cards need to be upgraded

**Answer: B**

**Question No : 14 - (Topic 1)**

You are working as a network technician at Pass4sure.com. The computer labs are still using a physical bus network. Which of the following could cause a complete network failure on the computer labs network?

- A. One of the networked workstations is powered off.
- B. One of the networked workstations is using the DLC (Data Link Protocol).
- C. A terminator has been removed from the end of the bus trunk cable.
- D. A terminator has been installed on the end of the bus trunk cable.

**Answer: C**

**Question No : 15 - (Topic 1)**

Which one of the following items would allow certain ports to be part of the same group while other ports within that switch are part of a different group?

- A. Enabling VTP
- B. Trunking
- C. Enabling VLANs
- D. Port authentication

**Answer: C**

**Question No : 16 - (Topic 1)**

Should a break occur in the cable of an Ethernet network, \_\_\_\_\_ will be offline.

- A. all hosts on the network
- B. the host directly connected to the failed cable
- C. the hosts upstream from the failed cable
- D. none of the hosts on the network

**Answer: B**

**Question No : 17 - (Topic 1)**

A proxy server is also called:

- A. domain controller.
- B. virtual server.
- C. caching server.
- D. remote access server.

**Answer: C**

**Question No : 18 - (Topic 1)**

Which of the following is the maximum standard distance allowed to connect a customer via an ISDN line?

- A. 6,000 feet (1,828.8 meters)
- B. 8,000 feet (2,438.4 meters)
- C. 12,000 feet (3,657.6 meters)
- D. 18,000 feet (5,486.4 meters)

**Answer: D**

**Question No : 19 - (Topic 1)**

What is the maximum standard distance allowed to connect a customer via an ISDN (Integrated Services Digital Network) line?

- A. 6,000 feet (1,828.8 meters)
- B. 8,000 feet (2,438.4 meters)
- C. 12,000 feet (3,657.6 meters)
- D. 18,000 feet (5,486.4 meters)

**Answer: D**

**Question No : 20 - (Topic 1)**

What is the cause that users can access Internet web pages but cannot access the internal company website?

- A. The intranet server is down.
- B. The DNS address handed out by DHCP is incorrect.
- C. The intranet DNS entry is non-authoritative.
- D. The default gateway is incorrect.

**Answer: A**

**Question No : 21 - (Topic 1)**

Which of the following can translate the physical network address to its IP address?

- A. rarp
- B. ping



- C. nslookup
- D. netstat

**Answer: A**

**Question No : 22 - (Topic 1)**

How will a failure of a router on a network with two VLANs affect communication?

- A. The entire network will be down.
- B. The network will remain fully operational.
- C. Communication between VLANs will be affected.
- D. All workstations connected to the router will be affected.

**Answer: C**

**Question No : 23 - (Topic 1)**

Which device should be placed between the Internet and the local network in order to secure the LAN?

- A. Switch
- B. Hub
- C. Proxy
- D. Firewall

**Answer: D**

**Question No : 24 - (Topic 1)**

Which UNIX service provides interoperability with Windows file and print sharing?

- A. Mozilla
- B. NFS (Network File Service)
- C. SMB (Server Message Block)
- D. TCL (Terminal Control Language)

**Answer: C**

**Question No : 25 - (Topic 1)**

A single connection in a token bus network fails. What will happen?

- A. The whole network will be down and none of the hosts will have network connectivity.
- B. The failed connection will be down and only its hosts will have no network connectivity.
- C. All hosts will still be connected to the network and only failed connection will be down.
- D. The failed connection will be down and only the two hosts between the failed connection will have no network connectivity.

**Answer: A**

**Question No : 26 - (Topic 1)**

Which IP address is unroutable?

- A. 201.35.44.1
- B. 172.16.16.1
- C. 126.14.254.1
- D. 192.10.20.1

**Answer: B**

**Question No : 27 - (Topic 1)**

Which of the following is the maximum number of bits in an IPv4 network ID in a Class B?

- A. 2
- B. 4
- C. 8
- D. 16

**Answer: D**

**Question No : 28 - (Topic 1)**

Which network topology has at least two physical connections per host?

- A. The star topology.