Mang may tinh can ban_ Nhom 02

Câu hỏi 1

Câu trả lời đã được lưu

Đạt điểm 1,00

🚩 Đặt cờ

Which of the following represents the loopback address in IPv6?

Select one:
- ○ a. ::
- ○ b. ::L
- ◉ c. ::1
- ○ d. ::0

Câu hỏi 2

Câu trả lời đã được lưu

Đạt điểm 1,00

🚩 Đặt cờ

What switching technique allows you to funnel traffic belonging to more than one VLAN through a single switch interface?

Select one:
- ○ a. Segmenttation
- ○ b. Route capturing
- ◉ c. Trunking
- ○ d. Multiplexing

Câu hỏi 3

Câu trả lời đã được lưu

Đạt điểm 1,00

🚩 Đặt cờ

What potential problem does STP (Spanning Tree Protocol) address?

Select one:
- ◉ a. A broadcast storm
- ○ b. Slow convergence time
- ○ c. An excess of erroneously short packets
- ○ d. Network congestion due to a router failure

Câu hỏi 4

Câu trả lời đã được lưu

Đạt điểm 1,00

🚩 Đặt cờ

If you want to determine only whether the TCP/IP protocols are installed and functioning properly on your workstation, you could

Select one:
- ○ a. Attempt to ping the loopback address
- ◉ b. Attempt to telnet to the closest router on your LAN
- ○ c. Broadcast an ARP request to your entire segment
- ○ d. Use the FTP command to connect to your name server

With everything else being equal, a network using which of the following UTP types will suffer the most cross talk?

Select one:
- ○ a. Cat 7
- ○ b. Cat 5
- ◉ c. Cat 3
- ○ d. Cat 5e

Suppose your computer's IP address is 155.61.9.188, and your network administrator has not subnetted the network to which you're connected. What is your computer's subnet mask?

Select one:
- ◉ a. 255.255.0.0
- ○ b. 255.255.255.255
- ○ c. 255.0.0.0
- ○ d. 255.255.255.0

In which of the following network links might you use SC connectors?

Select one:
- ○ a. A coaxial connection between a cable modem and a server
- ○ b. A wireless connection between a handheld computer and a desktop computer
- ◉ c. A fiber-optic connection between a server and router
- ○ d. A UTP connection between a workstation and a hub

Which of the following is a potential drawback to using fiber-optic cable for LANs?

Select one:
- ◉ a. It is expensive
- ○ b. It is not yet an accepted standard for high-speed networking.
- ○ c. It can carry transmissions using only TCP/IP
- ○ d. It cannot handle high-bandwidth transmissions

A packet on a network using the RIP routing method has been passed from one connectivity device to another 15 times. What happens when it gets passed to one more device?

Select one:
- ○ a. It is returned to the node that originally transmitted it.
- ○ b. It is forwarded to its destination by the last device
- ◉ c. It is discarded
- ○ d. It is encapsulated by the routing protocol and retransmitted.

Which device would primarily function at the Data Link layer?

Select one:

- ○ a. Firewalls
- ○ b. Gateways
- ○ c. Routers
- ⦿ d. Switches

On most LANs, a computer acting as a server differs from a computer acting as a client in which of the following ways? (Choose two answers.)

Select one or more:

- ☑ a. The server would run a different operating system than the client.
- ☐ b. The server would support connections to more media types than the client.
- ☐ c. The server would run different network protocols than the client.
- ☐ d. The server would have a faster connection to the network than the client.
- ☑ e. The server would possess greater processing power than the client.

Which technology does the IEEE 802.3 specification describe?

Select one:

- ○ a. Token ring LANs
- ○ b. Logical Link Control
- ○ c. Network security
- ⦿ d. Ethernet LANs

Suppose your company's network contains two separate VLANs. Computer A is on the Customer Service VLAN and Computer B is on the Warehouse VLAN. Besides a Layer 2 switch, what device is required for Computer A and Computer B to exchange data?

Select one:

- ○ a. Bridge
- ○ b. Repeater
- ○ c. Multiplexer
- ⦿ d. Router

In which of the following situations would it be most desirable to use a connectionless Transport layer protocol?

Select one:

○ a. When retrieving a spreadsheet from a busy file server

○ b. When connecting to a graphics-intensive Web site

○ c. When sending an e-mail message to a long list of recipients

◉ d. When viewing a movie clip on the Web

Suppose your network is connected to another network via a router. Which OSI model layer provides the information necessary to direct data between the two networks?

Select one:

○ a. Physical layer

○ b. Data Link layer

◉ c. Network layer

○ d. Session layer

How can a server tell the difference between many clients on a network?

Select one:

○ a. Each is identified by a unique network address.

○ b. Each uses uniquely modified versions of the same network protocol.

○ c. Each has a different electromagnetic characteristic to its signal, similar to differences in human voices

◉ d. Each regularly transmits a signal that indicates its network location and unique client characteristics

Which layer of the OSI model is responsible for issuing acknowledgments (ACKs)?

Select one:

○ a. Data Link layer

○ b. Application layer

◉ c. Transport layer

○ d. Network layer

Câu hỏi 18

Câu trả lời đã được lưu

Đạt điểm 1,00

🚩 Xóa cờ

Which part of a MAC address is unique to each manufacturer?

Select one:

○ a. The destination ID

○ b. The segment ID

○ c. The physical node ID

◉ d. The block ID

Câu hỏi 19

Câu trả lời đã được lưu

Đạt điểm 1,00

🚩 Đặt cờ

When a program uses encryption such as SSL, which layer is responsible?

Select one:

○ a. Session layer

◉ b. Presentation layer

○ c. Transport layer

○ d. Data Link layer

Câu hỏi 20

Câu trả lời đã được lưu

Đạt điểm 1,00

🚩 Đặt cờ

You are a network technician working on a 100Base-T network. A coworker has been having trouble logging on to the server and asks whether you can quickly tell her if her workstation's NIC is operating properly. You do not have the NIC's utility disk on hand, but you look at the back of her workstation and learn that although the NIC is properly installed and connected to the network, something's wrong with it. What might you have seen that causes you to come to this conclusion?

Select one:

◉ a. None of its LEDs are lit

○ b. It has two types of receptacles—SC and RJ-45—and the wrong one is in use

○ c. Its loopback plug is improperly terminated

○ d. Its activity LED is blinking green

Câu hỏi 21

Câu trả lời đã được lưu

Đạt điểm 1,00

🚩 Đặt cờ

The first services widely used by networks were:

Select one:

○ a. Network management services

○ b. Mail services

○ c. Communications services

◉ d. File and print services