


[010412300204] - Mạng máy tính - DL22CLC

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Câu hỏi 1

Chưa trả lời

Đạt điểm 1,00

A _____ is a device that forwards packets between networks by processing the routing information included in the packet.

Select one:

- ☐ a. firewall
- ☐ b. bridge
- ☐ c. hub
- ☒ d. router

[Clear my choice](#)

Câu hỏi 2

Chưa trả lời

Đạt điểm 1,00

Communication between a computer and a keyboard involves _____ transmission.

Select one:

- ☐ A. Full-duplex
- ☒ B. Simplex
- ☐ C. Half-duplex
- ☐ D. Automatic

[Clear my choice](#)

Câu hỏi 3

Chưa trả lời

Đạt điểm 1,00

Communication channel is shared by all the machines on the network in _____

Select one:

- ☒ a. broadcast network
- ☐ b. unicast network
- ☐ c. multicast network
- ☐ d. anycast network

[Clear my choice](#)

Chưa trả lời

Đạt điểm 1,00

Data communication system spanning states, countries, or the whole world is _____

Select one:

- ☐ a. GAN
- ☐ b. LAN
- ☐ c. MAN
- ☒ d. WAN

Clear my choice

Câu hỏi 5

Chưa trả lời

Đạt điểm 1,00

Data communication system within a building or campus is_____

Select one:

- ☒ a. LAN
- ☐ b. MAN
- ☐ c. PAN
- ☐ d. WAN

Clear my choice

Câu hỏi 6

Chưa trả lời

Đạt điểm 1,00

DSL telcos provide which of the following services?

Select one:

- ☐ a. Network routing and ISP
- ☒ b. Wired phone access and ISP
- ☐ c. ISP
- ☐ d. Wired phone access

Clear my choice

Chưa trả lời
Đạt điểm 1,00

HFC contains _____

Select one:

- ☒ a. A combination of Fibre cable and Coaxial cable
- ☐ b. Fibre cable
- ☐ c. Coaxial cable
- ☐ d. Twisted Pair Cable

Clear my choice

Câu hỏi 8

Chưa trả lời
Đạt điểm 1,00

TCP/IP model does not have _____ layer but OSI model have this layer.

Select one:

- ☐ a. network layer
- ☒ b. session layer
- ☐ c. transport layer
- ☐ d. application layer

Clear my choice

Câu hỏi 9

Chưa trả lời
Đạt điểm 1,00

The first Network was called _____

Select one:

- ☐ a. ASAPNET
- ☐ b. CNET
- ☐ c. NSFNET
- ☒ d. ARPANET

Clear my choice

Chưa trả lời
Đạt điểm 1,00

The function of DSLAM is to _____

Select one:

- ☐ a. Amplify digital signals
- ☐ b. Convert digital signals into analog signals
- ☒ c. Convert analog signals into digital signals
- ☐ d. De-amplify digital signals

Clear my choice

Câu hỏi 11

Chưa trả lời
Đạt điểm 1,00

The IETF standards documents are called _____

Select one:

- ☐ A. DFC
- ☐ B. ID
- ☐ C. RCF
- ☒ D. RFC

Clear my choice

Câu hỏi 12

Chưa trả lời
Đạt điểm 1,00

The number of layers in ISO OSI reference model is _____

Select one:

- ☐ a. 5
- ☐ b. 6
- ☒ c. 7
- ☐ d. 10

Clear my choice

Chưa trả lời
Đạt điểm 1,00

The number of layers in ISO OSI reference model is _____

Select one:

- ☐ a. 4
- ☒ b. 7
- ☐ c. 5
- ☐ d. 6

Clear my choice

Câu hỏi 14

Chưa trả lời
Đạt điểm 1,00

The physical layer is concerned with _____

Select one:

- ☐ a. application to application delivery
- ☐ b. process to process delivery
- ☐ c. port to port delivery
- ☒ d. bit-by-bit delivery

Clear my choice

Câu hỏi 15

Chưa trả lời
Đạt điểm 1,00

Transmission data rate is decided by _____

Select one:

- ☐ a. network layer
- ☐ b. data link layer
- ☒ c. physical layer
- ☐ d. transport layer

Clear my choice

Chưa trả lời
Đạt điểm 1,00

WAN stands for _____

Select one:

- ☐ a. World area network
- ☐ b. Web area network
- ☐ c. Web access network
- ☒ d. Wide area network

Clear my choice

Câu hỏi 17

Chưa trả lời
Đạt điểm 1,00

Which layer is responsible for process to process delivery in a general network model?

Select one:

- ☒ a. transport layer
- ☐ b. network layer
- ☐ c. session layer
- ☐ d. data link layer

Clear my choice

Câu hỏi 18

Chưa trả lời
Đạt điểm 1,00

Which layer is used to link the network support layers and user support layers?

Select one:

- ☒ a. transport layer
- ☐ b. data link layer
- ☐ c. session layer
- ☐ d. network layer

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which layer provides the services to user?

Select one:

- ☐ a. network layer
- ☐ b. session layer
- ☐ c. data link layer
- ☒ d. Application layer

Clear my choice

Câu hỏi 20

Chưa trả lời
Đạt điểm 1,00

Which of the following terms is not associated with DSL?

Select one:

- ☐ a. DSLAM
- ☐ b. CO
- ☒ c. CMTS
- ☐ d. Splitter

Clear my choice

Câu hỏi 21

Chưa trả lời
Đạt điểm 1,00

Which of this is not a constituent of residential telephone line?

Select one:

- ☐ a. An ultra-high speed downstream channel
- ☐ b. A high-speed downstream channel
- ☒ c. A low-speed downstream channel
- ☐ d. A medium-speed downstream channel

Clear my choice

Chưa trả lời

Đạt điểm 1,00

Which organization has authority over interstate and international commerce in the communications field?

Select one:

- ☐ a. ISOC
- ☒ b. FCC
- ☐ c. IEEE
- ☐ d. ITU-T

Clear my choice

Câu hỏi 23

Chưa trả lời

Đạt điểm 1,00

Which transmission media provides the highest transmission speed in a network?

Select one:

- ☐ a. coaxial cable
- ☐ b. electrical cable
- ☐ c. twisted pair cable
- ☒ d. optical fiber

Clear my choice

Câu hỏi 24

Chưa trả lời

Đạt điểm 1,00

_____ topology requires a multipoint connection.

Select one:

- ☒ a. Bus
- ☐ b. Star
- ☐ c. Mesh
- ☐ d. Ring

Clear my choice

Chưa trả lời
Đạt điểm 1,00

A _____ is the physical path over which a message travels.

Select one:

- ☐ A. Protocol
- ☐ B. Route
- ☐ C. Path
- ☒ D. Medium

Clear my choice

Câu hỏi 26

Chưa trả lời
Đạt điểm 1,00

A _____ set of rules that governs data communication.

Select one:

- ☒ a. Protocols
- ☐ b. RFCs
- ☐ c. Servers
- ☐ d. Standards

Clear my choice

Câu hỏi 27

Chưa trả lời
Đạt điểm 1,00

A list of protocols used by a system, one protocol per layer, is called _____

Select one:

- ☐ a. protocol suite
- ☐ b. protocol architecture
- ☒ c. protocol stack
- ☐ d. protocol system

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Application layer is implemented in _____

Select one:

- ☐ a. Ethernet
- ☐ b. Packet transport
- ☒ c. End system
- ☐ d. NIC

Clear my choice

Câu hỏi 29

Chưa trả lời
Đạt điểm 1,00

Bluetooth is an example of _____

Select one:

- ☐ a. virtual private network
- ☐ b. ocal area network
- ☐ c. wide area network
- ☒ d. personal area network

Clear my choice

Câu hỏi 30

Chưa trả lời
Đạt điểm 1,00

Delimiting and synchronization of data exchange is provided by _____

Select one:

- ☐ a. Transport layer
- ☐ b. Application layer
- ☒ c. Session layer
- ☐ d. Link layer

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Home Internet Access is provided by _____

Select one:

- ☐ a. DSL
- ☐ b. FTTP
- ☒ c. All of the mentioned
- ☐ d. Cable

Clear my choice

Câu hỏi 32

Chưa trả lời
Đạt điểm 1,00

In computer network nodes are _____

Select one:

- ☐ a. the computer that terminates the data
- ☐ b. the computer that originates the data
- ☐ c. the computer that routes the data
- ☒ d. all of the mentioned

Clear my choice

Câu hỏi 33

Chưa trả lời
Đạt điểm 1,00

In OSI model, when data is sent from device A to device B, the 5th layer to receive data at B is _____

Select one:

- ☐ a. Application layer
- ☒ b. Session layer
- ☐ c. Link layer
- ☐ d. Transport layer

Clear my choice

Chưa trả lời
Đạt điểm 1,00

In TCP IP Model, when data is sent from device A to device B, the 5th layer to receive data at B is _____

Select one:

- ☐ a. Session layer
- ☐ b. Transport layer
- ☐ c. Link layer
- ☒ d. Application layer

Clear my choice

Câu hỏi 35

Chưa trả lời
Đạt điểm 1,00

In the layer hierarchy as the data packet moves from the upper to the lower layers, headers are _____

Select one:

- ☐ A. Rearranged
- ☒ B. Added
- ☐ C. Modified
- ☐ D. Removed

Clear my choice

Câu hỏi 36

Chưa trả lời
Đạt điểm 1,00

In the OSI model, as a data packet moves from the lower to the upper layers, headers are _____

Select one:

- ☐ a. Rearranged
- ☒ b. Removed
- ☐ c. Randomized
- ☐ d. Added

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Network congestion occurs _____

Select one:

- ☒ a. in case of transfer failure
- ☐ b. when connection between two nodes terminates
- ☐ c. in case of traffic overloading
- ☐ d. when a system terminates

Clear my choice

Câu hỏi 38

Chưa trả lời
Đạt điểm 1,00

OSI stands for _____

Select one:

- ☐ a. optical service implementation
- ☐ b. open service Internet
- ☒ c. open system interconnection
- ☐ d. operating system interface

Clear my choice

Câu hỏi 39

Chưa trả lời
Đạt điểm 1,00

Physical or logical arrangement of network is _____

Select one:

- ☐ a. Routing
- ☒ b. Topology
- ☐ c. Networking
- ☐ d. Control

Clear my choice

Chưa trả lời

Đạt điểm 1,00

StarBand provides _____

Select one:

- ☒ a. Satellite access
- ☐ b. Cable access
- ☐ c. Telephone access
- ☐ d. FTTH internet access

Clear my choice

Câu hỏi 41

Chưa trả lời

Đạt điểm 1,00

TCP/IP model was developed _____ the OSI model.

Select one:

- ☒ a. prior to
- ☐ b. with no link to
- ☐ c. simultaneous to
- ☐ d. after

Clear my choice

Câu hỏi 42

Chưa trả lời

Đạt điểm 1,00

The functionalities of the presentation layer include _____

Select one:

- ☐ a. Data compression
- ☒ b. All of the mentioned
- ☐ c. Data description
- ☐ d. Data encryption

Clear my choice

Chưa trả lời
Đạt điểm 1,00

The physical layer provides _____

Select one:

- ☐ a. specification for IR over optical fiber
- ☐ b. mechanical specifications of electrical connectors and cables
- ☐ c. electrical specification of transmission line signal level
- ☒ d. all of the mentioned

Clear my choice

Câu hỏi 44

Chưa trả lời
Đạt điểm 1,00

The physical layer translates logical communication requests from the _____ into hardware specific operations.

Select one:

- ☐ a. application layer
- ☐ b. trasnport layer
- ☒ c. data link layer
- ☐ d. network layer

Clear my choice

Câu hỏi 45

Chưa trả lời
Đạt điểm 1,00

Three or more devices share a link in _____ connection.

Select one:

- ☐ a. Unipoint
- ☒ b. Multipoint
- ☐ c. Simplex
- ☐ d. Point to point

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Transport layer is implemented in _____

Select one:

- ☐ a. NIC
- ☐ b. Ethernet
- ☒ c. End system
- ☐ d. Signal transmission

Clear my choice

Câu hỏi 47

Chưa trả lời
Đạt điểm 1,00

Two devices are in network if _____

Select one:

- ☐ a. a process is active and another is inactive
- ☐ b. PIDs of the processes running of different devices are same
- ☒ c. a process in one device is able to exchange information with a process in another device
- ☐ d. a process is running on both devices

Clear my choice

Câu hỏi 48

Chưa trả lời
Đạt điểm 1,00

When collection of various computers seems a single coherent system to its client, then it is called _____

Select one:

- ☐ a. networking system
- ☒ b. distributed system
- ☐ c. computer network
- ☐ d. mail system

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which address is used on the internet for employing the TCP/IP protocols?

Select one:

- ☒ a. all of the mentioned
- ☐ b. specific address
- ☐ c. port address
- ☐ d. physical address and logical address

Clear my choice

Câu hỏi 50

Chưa trả lời
Đạt điểm 1,00

Which address is used to identify a process on a host by the transport layer?

Select one:

- ☐ a. physical address
- ☐ b. specific address
- ☐ c. logical address
- ☒ d. port address

Clear my choice

Câu hỏi 51

Chưa trả lời
Đạt điểm 1,00

Which network topology requires a central controller or hub?

Select one:

- ☐ a. Ring
- ☐ b. Bus
- ☒ c. Star
- ☐ d. Mesh

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which of the following computer networks is built on the top of another network?

Select one:

- ☐ a. prime network
- ☐ b. chief network
- ☐ c. prior network
- ☒ d. overlay network

Clear my choice

Câu hỏi 53

Chưa trả lời
Đạt điểm 1,00

Which of the following layers is an addition to OSI model when compared with TCP IP model?

Select one:

- ☐ a. Presentation layer
- ☐ b. Application layer
- ☐ c. Session layer
- ☒ d. Session and Presentation layer

Clear my choice

Câu hỏi 54

Chưa trả lời
Đạt điểm 1,00

Which of the following networks extends a private network across public networks?

Select one:

- ☐ a. enterprise private network
- ☒ b. virtual private network
- ☐ c. storage area network
- ☐ d. local area network

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which of the following statements can be associated with OSI model?

Select one:

- ☐ a. A structured way to discuss and easier update system components
- ☒ b. Functionality at one layer no way requires information from another layer
- ☐ c. It is an application specific network model
- ☐ d. One layer may duplicate lower layer functionality

Clear my choice

Câu hỏi 56

Chưa trả lời
Đạt điểm 1,00

Which of the following statements is not applicable for cable internet access?

Select one:

- ☐ a. It is a shared broadcast medium
- ☐ b. It includes HFCs
- ☒ c. Analog signal is converted to digital signal in DSLAM
- ☐ d. Cable modem connects home PC to Ethernet port

Clear my choice

Câu hỏi 57

Chưa trả lời
Đạt điểm 1,00

Which of this is not a network edge device?

Select one:

- ☐ A. Servers
- ☐ B. PC
- ☐ C. Smartphones
- ☒ D. Switch

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Wireless transmission of signals can be done via _____

Select one:

- ☐ a. radio waves
- ☐ b. infrared
- ☐ c. microwaves
- ☒ d. all of the mentioned

Clear my choice

Câu hỏi 59

Chưa trả lời
Đạt điểm 1,00

Application developer has permission to decide the following on transport layer side

Select one:

- ☐ a. Maximum buffer size
- ☐ b. None of the mentioned
- ☐ c. Transport layer protocol
- ☒ d. Both Transport layer protocol and Maximum buffer size

Clear my choice

Câu hỏi 60

Chưa trả lời
Đạt điểm 1,00

Application layer offers _____ service.

Select one:

- ☐ a. Process to process
- ☒ b. End to end
- ☐ c. Both End to end and Process to process
- ☐ d. None of the mentioned

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Application layer protocol defines _____

Select one:

- ☐ a. message format, syntax and semantics
- ☐ b. rules for when and how processes send and respond to messages
- ☐ c. types of messages exchanged
- ☒ d. all of the mentioned

Clear my choice

Câu hỏi 62

Chưa trả lời
Đạt điểm 1,00

Electronic mail uses which Application layer protocol?

Select one:

- ☐ a. FTP
- ☒ b. SMTP
- ☐ c. SIP
- ☐ d. HTTP

Clear my choice

Câu hỏi 63

Chưa trả lời
Đạt điểm 1,00

E-mail is _____

Select one:

- ☐ a. Bandwidth-sensitive application
- ☒ b. Elastic application
- ☐ c. Loss-tolerant application
- ☐ d. None of the mentioned

Clear my choice

Chưa trả lời
Đạt điểm 1,00

The _____ translates internet domain and host names to IP address.

Select one:

- ☒ a. domain name system
- ☐ b. network time protocol
- ☐ c. routing information protocol
- ☐ d. internet relay chat

Clear my choice

Câu hỏi 65

Chưa trả lời
Đạt điểm 1,00

The packet of information at the application layer is called _____

Select one:

- ☐ a. Segment
- ☒ b. Message
- ☐ c. Packet
- ☐ d. Frame

Clear my choice

Câu hỏi 66

Chưa trả lời
Đạt điểm 1,00

To deliver a message to the correct application program running on a host, the _____ address must be consulted.

Select one:

- ☒ a. Port
- ☐ b. MAC
- ☐ c. None of the mentioned
- ☐ d. IP

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which is a time-sensitive service?

Select one:

- ☒ a. Internet telephony
- ☐ b. File download
- ☐ c. E-mail
- ☐ d. File transfer

Clear my choice

Câu hỏi 68

Chưa trả lời
Đạt điểm 1,00

Which is not a application layer protocol?

Select one:

- ☒ a. TCP
- ☐ b. FTP
- ☐ c. HTTP
- ☐ d. SMTP

Clear my choice

Câu hỏi 69

Chưa trả lời
Đạt điểm 1,00

Which one of the following allows a user at one site to establish a connection to another site and then pass keystrokes from local host to remote host?

Select one:

- ☐ a. FTP
- ☐ b. TCP
- ☐ c. HTTP
- ☒ d. Telnet

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which one of the following is an architecture paradigms?

Select one:

- ☐ a. HTTP
- ☐ b. Peer to peer
- ☒ c. Both Peer-to-Peer & Client-Server
- ☐ d. Client-server

Clear my choice

Câu hỏi 71

Chưa trả lời
Đạt điểm 1,00

Which one of the following protocol delivers/stores mail to reciever server?

Select one:

- ☐ a. internet mail access protocol
- ☒ b. simple mail transfer protocol
- ☐ c. post office protocol
- ☐ d. hypertext transfer protocol

Clear my choice

Câu hỏi 72

Chưa trả lời
Đạt điểm 1,00

Pick the odd one out.

Select one:

- ☐ a. File download
- ☐ b. E-mail
- ☒ c. Interactive games
- ☐ d. File transfer

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Transport services available to applications in one or another form _____

Select one:

- ☐ a. Security
- ☐ b. Timing
- ☐ c. Reliable data transfer
- ☒ d. All of the mentioned

Clear my choice

Câu hỏi 74

Chưa trả lời
Đạt điểm 1,00

When displaying a web page, the application layer uses the _____

Select one:

- ☐ a. TCP protocol
- ☐ b. SMTP protocol
- ☐ c. FTP protocol
- ☒ d. HTTP protocol

Clear my choice

Câu hỏi 75

Chưa trả lời
Đạt điểm 1,00

Which of the following is an application layer service?

Select one:

- ☒ a. All of the mentioned
- ☐ b. Mail service
- ☐ c. Network virtual terminal
- ☐ d. File transfer, access, and management

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which one of the following is an internet standard protocol for managing devices on IP network?

Select one:

- ☐ a. media gateway protocol
- ☒ b. simple network management protocol
- ☐ c. dynamic host configuration protocol
- ☐ d. internet message access protocol

Clear my choice

Câu hỏi 77

Chưa trả lời
Đạt điểm 1,00

Which one of the following is not an application layer protocol?

Select one:

- ☐ a. session initiation protocol
- ☒ b. Resource reservation protocol
- ☐ c. media gateway protocol
- ☐ d. dynamic host configuration protocol

Clear my choice

Câu hỏi 78

Chưa trả lời
Đạt điểm 1,00

Which one of the following is not correct?

Select one:

- ☒ a. All of the mentioned
- ☐ b. TCP is an application layer protocol
- ☐ c. Application layer protocols are used by both source and destination devices during a communication session
- ☐ d. HTTP is a session layer protocol

Clear my choice

Chưa trả lời
Đạt điểm 1,00

An endpoint of an inter-process communication flow across a computer network is called _____

Select one:

- ☒ A. socket
- ☐ B. pipe
- ☐ C. port
- ☐ D. machine

Clear my choice

Câu hỏi 80

Chưa trả lời
Đạt điểm 1,00

Transmission control protocol _____

Select one:

- ☐ a. receives data from application as a single stream
- ☒ b. all of the mentioned
- ☐ c. is a connection-oriented protocol
- ☐ d. uses a three way handshake to establish a connection

Clear my choice

Câu hỏi 81

Chưa trả lời
Đạt điểm 1,00

Transport layer aggregates data from different applications into a single stream before passing it to _____

Select one:

- ☐ A. data link layer
- ☐ B. physical layer
- ☐ C. application layer
- ☒ D. network layer

Clear my choice

Chưa trả lời
Đạt điểm 1,00

User datagram protocol is called connectionless because _____

Select one:

- ☐ a. it sends data as a stream of related packets
- ☒ b. all UDP packets are treated independently by transport layer
- ☐ c. it is received in the same order as sent order
- ☐ d. it sends data very quickly

Clear my choice

Câu hỏi 83

Chưa trả lời
Đạt điểm 1,00

Which of the following are transport layer protocols used in networking?

Select one:

- ☐ A. HTTP and FTP
- ☐ B. TCP and FTP
- ☐ C. UDP and HTTP
- ☒ D. TCP and UDP

Clear my choice

Câu hỏi 84

Chưa trả lời
Đạt điểm 1,00

A _____ is a TCP name for a transport service access point.

Select one:

- ☐ A. protocol
- ☐ B. pipe
- ☒ C. port
- ☐ D. node

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Socket-style API for windows is called _____

Select one:

- ☒ A. winsock
- ☐ B. sockwi
- ☐ C. wins
- ☐ D. wsock

Clear my choice

Câu hỏi 86

Chưa trả lời
Đạt điểm 1,00

Transport layer protocols deals with _____

Select one:

- ☐ a. man to man communication
- ☐ b. node to node communication
- ☐ c. application to application communication
- ☒ d. process to process communication

Clear my choice

Câu hỏi 87

Chưa trả lời
Đạt điểm 1,00

Which of the following is a transport layer protocol?

Select one:

- ☐ A. internet control message protocol
- ☒ B. stream control transmission protocol
- ☐ C. dynamic host configuration protocol
- ☐ D. neighbor discovery protocol

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which one of the following is a version of UDP with congestion control?

Select one:

- ☒ A. datagram congestion control protocol
- ☐ B. user congestion control protocol
- ☐ C. stream control transmission protocol
- ☐ D. structured stream transport

Clear my choice

Câu hỏi 89

Chưa trả lời
Đạt điểm 1,00

In IPv4 Addresses, classful addressing is replaced with _____

Select one:

- ☒ a. Classless Addressing
- ☐ b. Classful Advertising
- ☐ c. Classless Advertising
- ☐ d. Classful Addressing

Clear my choice

Câu hỏi 90

Chưa trả lời
Đạt điểm 1,00

Network addresses are a very important concept of _____

Select one:

- ☐ a. Mask
- ☒ b. IP Addressing
- ☐ c. Routing
- ☐ d. Classless Addressing

Clear my choice

Chưa trả lời

Đạt điểm 1,00

The network address of 10.0.0.0/8 provides how many subnets and hosts?

Select one:

- ☒ a. 1 subnets, 2777216 hosts each
- ☐ b. 2 subnets, 2777214 hosts each
- ☐ c. 4 subnets, 2777214 hosts each
- ☐ d. 0 subnets, 2777214 hosts each

Clear my choice

Câu hỏi 92

Chưa trả lời

Đạt điểm 1,00

The network address of 172.16.0.0/16 provides how many subnets and hosts?

Select one:

- ☐ a. 2 subnets, 65534 hosts each
- ☐ b. 4 subnets, 65534 hosts each
- ☐ c. 0 subnets, 65534 hosts each
- ☒ d. 1 subnets, 65536 hosts each

Clear my choice

Câu hỏi 93

Chưa trả lời

Đạt điểm 1,00

The network address of 192.168.0.0/24 provides how many subnets and hosts?

Select one:

- ☐ a. 1 subnets, 255 hosts each
- ☒ b. 1 subnets, 256 hosts each
- ☐ c. 0 subnets, 254 hosts each
- ☐ d. 4 subnets, 255 hosts each

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Which of the following is the broadcast address for a Class A network ID using the default subnetmask?

Select one:

- ☐ a. 10.0.255.255
- ☐ b. 10.0.0.255
- ☒ c. 10.255.255.255
- ☐ d. 255.255.255.255

Clear my choice

Câu hỏi 95

Chưa trả lời
Đạt điểm 1,00

Which of the following is the broadcast address for a Class B network ID using the default subnetmask?

Select one:

- ☒ a. 172.16.255.255
- ☐ b. 255.255.255.255
- ☐ c. 172.255.255.255
- ☐ d. 172.16.10.255

Clear my choice

Câu hỏi 96

Chưa trả lời
Đạt điểm 1,00

Which of the following is the broadcast address for a Class C network ID using the default subnetmask?

Select one:

- ☐ a. 255.255.255.255
- ☐ b. 192.255.255.255
- ☒ c. 192.168.0.255
- ☐ d. 192.168.255.255

Clear my choice

Chưa trả lời

Đạt điểm 1,00

Which of this is not a class of IP address?

Select one:

- ☐ a. Class C
- ☐ b. Class D
- ☒ c. Class E
- ☐ d. Class F

[Clear my choice](#)

Câu hỏi 98

Chưa trả lời

Đạt điểm 1,00

_____ implies that all subnets obtained from the same subnet mask.

Select one:

- ☒ a. Static subnetting
- ☐ b. Dynamic subnetting
- ☐ c. Dynamic length subnetting
- ☐ d. Variable length subnetting

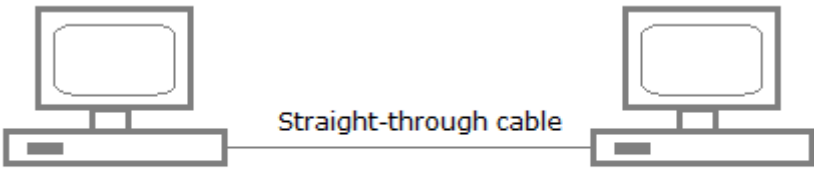
[Clear my choice](#)

Câu hỏi 99

Chưa trả lời

Đạt điểm 1,00

A network administrator is connecting hosts A and B directly through their Ethernet interfaces, as shown in the illustration. Ping attempts between the hosts are unsuccessful. What can be done to provide connectivity between the hosts?



- i. A crossover cable should be used in place of the straight-through cable.
- ii. A rollover cable should be used in place of the straight-through cable.
- iii. The subnet masks should be set to 255.255.255.192.
- iv. A default gateway needs to be set on each host.
- v. The subnet masks should be set to 255.255.255.0.

Select one:

- ☐ a. i only
- ☐ b. iii and iv only
- ☒ c. i and v only
- ☐ d. ii only

[Clear my choice](#)

Chưa trả lời
Đạt điểm 1,00

If an Ethernet port on a router were assigned an IP address of 172.16.112.1/25, what would be the valid subnet address of this host?

Select one:

- ☐ a. 172.16.255.0
- ☒ b. 172.16.112.0
- ☐ c. 172.16.96.0
- ☐ d. 172.16.0.0

Clear my choice

Câu hỏi 101

Chưa trả lời
Đạt điểm 1,00

The combination of _____ and _____ is often termed the local address of the local portion of the IP address.

Select one:

- ☐ a. Host number
- ☐ b. Network number and subnet number
- ☒ c. Subnet number and host number
- ☐ d. Network number and host number

Clear my choice

Câu hỏi 102

Chưa trả lời
Đạt điểm 1,00

What is the maximum number of IP addresses that can be assigned to hosts on a local subnet that uses the 255.255.255.224 subnet mask?

Select one:

- ☒ a. 30
- ☐ b. 14
- ☐ c. 16
- ☐ d. 28

Clear my choice

Chưa trả lời
Đạt điểm 1,00

What is the maximum number of IP addresses that can be assigned to hosts on a local subnet that uses the 255.255.255.240 subnet mask?

Select one:

- ☐ a. 16
- ☐ b. 30
- ☐ c. 28
- ☒ d. 14

Clear my choice

Câu hỏi 104

Chưa trả lời
Đạt điểm 1,00

What is the maximum number of IP addresses that can be assigned to hosts on a local subnet that uses the 255.255.255.192 subnet mask?

Select one:

- ☐ a. 30
- ☐ b. 60
- ☐ c. 126
- ☒ d. 62

Clear my choice

Câu hỏi 105

Chưa trả lời
Đạt điểm 1,00

What is the maximum number of IP addresses that can be assigned to hosts on a local subnet that uses the 255.255.255.248 subnet mask?

Select one:

- ☒ a. 6
- ☐ b. 30
- ☐ c. 8
- ☐ d. 14

Clear my choice

Chưa trả lời

Đạt điểm 1,00

What is the subnet id of a host with an IP address 10.26.0.1/12?

Select one:

- ☐ a. 10.0.0.0
- ☐ b. 10.26.0.0
- ☐ c. 10.32.0.0
- ☒ d. 10.16.0.0

Clear my choice

Câu hỏi 107

Chưa trả lời

Đạt điểm 1,00

What is the subnet id of a host with an IP address 172.16.66.0/21?

Select one:

- ☐ a. 172.16.48.0
- ☐ b. 172.16.0.0
- ☐ c. 172.16.72.0
- ☒ d. 172.16.64.0

Clear my choice

Câu hỏi 108

Chưa trả lời

Đạt điểm 1,00

What is the subnet id of a host with an IP address 192.168.66.66/27?

Select one:

- ☐ a. 192.168.66.96
- ☐ b. 192.168.66.32
- ☒ c. 192.168.66.64
- ☐ d. 192.168.66.0

Clear my choice

Chưa trả lời

Đạt điểm 1,00

What is the subnet mask 255.255.240.0 written in prefix?

Select one:

- ☐ A. /18
- ☒ B. /20
- ☐ C. /21
- ☐ D. /19

[Clear my choice](#)

Câu hỏi 110

Chưa trả lời

Đạt điểm 1,00

Which two statements describe the IP address 10.16.3.65/23?

- i. The subnet address is 10.16.3.0 255.255.254.0.
- ii. The lowest host address in the subnet is 10.16.2.1 255.255.254.0.
- iii. The last valid host address in the subnet is 10.16.2.254 255.255.254.0.
- iv. The broadcast address of the subnet is 10.16.3.255 255.255.254.0.

Select one:

- ☐ a. i and iii
- ☐ b. i, ii and iv
- ☒ c. ii and iv
- ☐ d. ii, iii and iv

[Clear my choice](#)

Câu hỏi 111

Chưa trả lời

Đạt điểm 1,00

Which two statements describe the IP address 172.16.3.65/23?

- i. The subnet address is 172.16.3.0 255.255.254.0.
- ii. The lowest host address in the subnet is 172.16.2.1 255.255.254.0.
- iii. The last valid host address in the subnet is 172.16.2.254 255.255.254.0.
- iv. The broadcast address of the subnet is 172.16.3.255 255.255.254.0.

Select one:

- ☒ a. ii and iv
- ☐ b. ii, iii and iv
- ☐ c. i, ii and iv
- ☐ d. i and iii

[Clear my choice](#)

Chưa trả lời
Đạt điểm 1,00

You have an interface on a router with the IP address of 192.168.192.10/27. Including the router interface, how many hosts can have IP addresses on the LAN attached to the router interface?

Select one:

- ☐ a. 16
- ☐ b. 14
- ☐ c. 32
- ☒ d. 30

Clear my choice

Câu hỏi 113

Chưa trả lời
Đạt điểm 1,00

You have an interface on a router with the IP address of 192.168.192.10/28. Including the router interface, how many hosts can have IP addresses on the LAN attached to the router interface?

Select one:

- ☒ a. 14
- ☐ b. 16
- ☐ c. 30
- ☐ d. 10

Clear my choice

Câu hỏi 114

Chưa trả lời
Đạt điểm 1,00

You have an interface on a router with the IP address of 192.168.192.10/29. Including the router interface, how many hosts can have IP addresses on the LAN attached to the router interface?

Select one:

- ☐ a. 8
- ☒ b. 6
- ☐ c. 14
- ☐ d. 30

Clear my choice

Chưa trả lời
Đạt điểm 1,00

You have an interface on a router with the IP address of 192.168.192.10/30. Including the router interface, how many hosts can have IP addresses on the LAN attached to the router interface?

Select one:

- ☐ a. 8
- ☐ b. 6
- ☒ c. 2
- ☐ d. 4

Clear my choice

Câu hỏi 116

Chưa trả lời
Đạt điểm 1,00

Your router has the following IP address on Ethernet0: 172.16.2.1/23. Which of the following can be valid host IDs on the LAN interface attached to the router?

- i. 172.16.1.100
- ii. 172.16.1.198
- iii. 172.16.2.255
- iv. 172.16.3.0

Select one:

- ☒ a. iii and iv only
- ☐ b. i i only
- ☐ c. ii and iii only
- ☐ d. i only

Clear my choice

Câu hỏi 117

Chưa trả lời
Đạt điểm 1,00

Automatic repeat request error management mechanism is provided by _____

Select one:

- ☐ A. network interface control sublayer
- ☒ B. logical link control sublayer
- ☐ C. application access control sublayer
- ☐ D. media access control sublayer

Clear my choice

Chưa trả lời
Đạt điểm 1,00

Header of a frame generally contains _____

Select one:

- ☐ A. synchronization bytes
- ☐ B. addresses
- ☒ C. all of the mentioned
- ☐ D. frame identifier

Clear my choice

Câu hỏi 119

Chưa trả lời
Đạt điểm 1,00

The data link layer takes the packets from _____ and encapsulates them into frames for transmission.

Select one:

- ☐ a. transport layer
- ☐ b. physical layer
- ☒ c. network layer
- ☐ d. application layer

Clear my choice

Câu hỏi 120

Chưa trả lời
Đạt điểm 1,00

CRC stands for _____

Select one:

- ☐ A. code redundancy check
- ☒ B. cyclic redundancy check
- ☐ C. cyclic repeat check
- ☐ D. code repeat check

Clear my choice

Chưa trả lời
Đạt điểm 1,00

The Data Link layer in the OSI or TCP/IP (updated) model is also known as the layer?

Select one:

- ☒ a. 2
- ☐ b. 1
- ☐ c. 3
- ☐ d. 4

Clear my choice

Câu hỏi 122

Chưa trả lời
Đạt điểm 1,00

The technique of temporarily delaying outgoing acknowledgements so that they can be hooked onto the next outgoing data frame is called _____

Select one:

- ☒ A. piggybacking
- ☐ B. parity check
- ☐ C. fletcher's checksum
- ☐ D. cyclic redundancy check

Clear my choice

Câu hỏi 123

Chưa trả lời
Đạt điểm 1,00

During the packaging process, what data will the Data link layer receive from the upper layer?

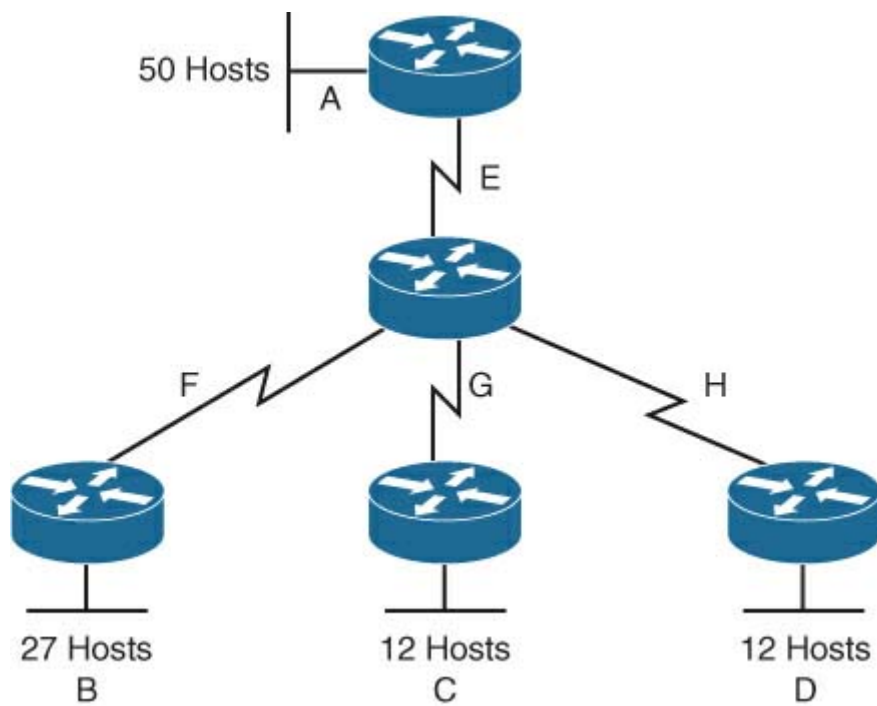
Select one:

- ☐ A. Segment
- ☒ B. Frame
- ☐ C. Bits
- ☐ D. Datagram/packet

Clear my choice

Đạt điểm 1,00

How many 16-port switches (layer 2) are needed to design a network according to the following diagram?



Select one:

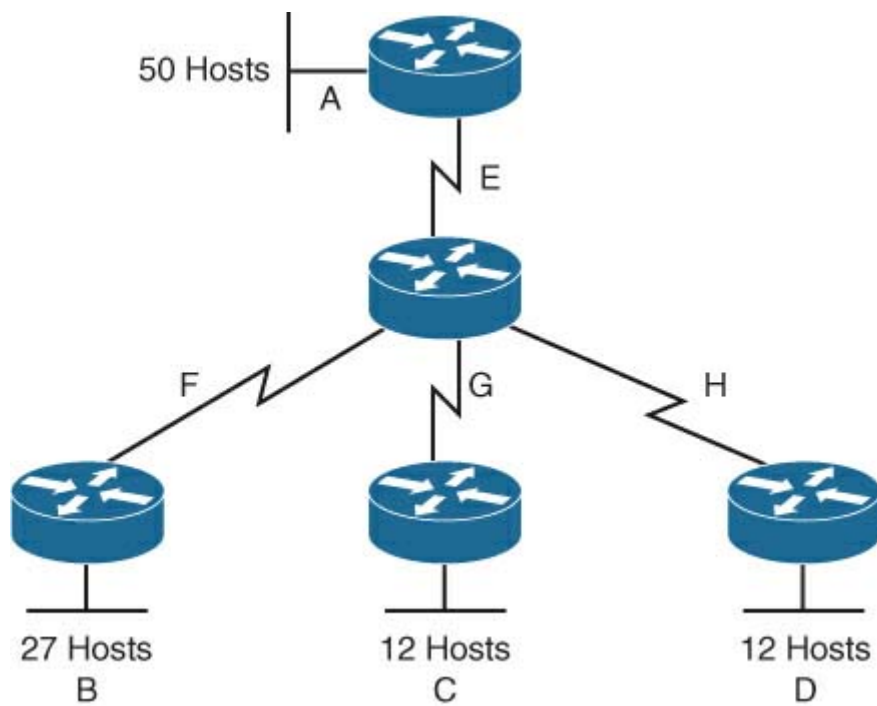
- ☐ A. 8
- ☐ B. 7
- ☒ C. 6
- ☐ D. 5

Clear my choice

Câu hỏi 125

Đạt điểm 1,00

How many 24-port switches (layer 2) are needed to design a network according to the following diagram?



Select one:

- ☐ A. 7
- ☐ B. 5
- ☐ C. 6
- ☒ D. 8

Clear my choice

Chưa trả lời
Đạt điểm 1,00

If you wanted to have 12 Hosts with a Class C network ID, which subnet mask would you use?

Select one:

- ☐ a. 255.255.255.255
- ☐ b. 255.255.255.248
- ☐ c. 255.255.255.252
- ☒ d. 255.255.255.240

Clear my choice

Câu hỏi 127

Chưa trả lời
Đạt điểm 1,00

If you wanted to have 12 subnets with a Class C network ID, which subnet mask would you use?

Select one:

- ☐ a. 255.255.255.255
- ☒ b. 255.255.255.240
- ☐ c. 255.255.255.252
- ☐ d. 255.255.255.248

Clear my choice

Câu hỏi 128

Chưa trả lời
Đạt điểm 1,00

If you wanted to have 28 Hosts with a Class C network ID, which subnet mask would you use?

Select one:

- ☐ a. 255.255.255.240
- ☐ b. 255.255.255.248
- ☐ c. 255.255.255.252
- ☒ d. 255.255.255.224

Clear my choice

Chưa trả lời

Đạt điểm 1,00

If you wanted to have 6 Hosts with a Class C network ID, which subnet mask would you use?

Select one:

- ☐ a. 255.255.255.255
- ☐ b. 255.255.255.252
- ☐ c. 255.255.255.240
- ☒ d. 255.255.255.248

Clear my choice

Câu hỏi 130

Chưa trả lời

Đạt điểm 1,00

If you wanted to have 6 Hosts with a Class C network ID, which subnet mask would you use?

Select one:

- ☒ a. 255.255.255.248
- ☐ b. 255.255.255.252
- ☐ c. 255.255.255.255
- ☐ d. 255.255.255.240

Clear my choice

Câu hỏi 131

Chưa trả lời

Đạt điểm 1,00

If you wanted to have 6 subnets with a Class C network ID, which subnet mask would you use?

Select one:

- ☒ a. 255.255.255.224
- ☐ b. 255.255.255.240
- ☐ c. 255.255.255.248
- ☐ d. 255.255.255.252

Clear my choice

Chưa trả lời
Đạt điểm 1,00

The network address of 10.0.0.0/11 provides how many subnets and hosts?

Select one:

- ☐ a. 16 subnets, 1048576hosts each
- ☐ b. 16 subnets, 1048574 hosts each
- ☒ c. 8 subnets, 2097150 hosts each
- ☐ d. 8 subnets, 2097152 hosts each

Clear my choice

Câu hỏi 133

Chưa trả lời
Đạt điểm 1,00

The network address of 10.0.0.0/24 provides how many subnets and hosts?

Select one:

- ☒ a. 65536 subnets, 254 hosts each
- ☐ b. 65536 subnets, 255 hosts each
- ☐ c. 65536 subnets, 256 hosts each
- ☐ d. 65534 subnets, 254 hosts each

Clear my choice

Câu hỏi 134

Chưa trả lời
Đạt điểm 1,00

The network address of 172.16.0.0/19 provides how many subnets and hosts?

Select one:

- ☐ a. 7 subnets, 30 hosts each
- ☐ b. 8 subnets, 2,046 hosts each
- ☒ c. 8 subnets, 8,190 hosts each
- ☐ d. 7 subnets, 2,046 hosts each

Clear my choice

Chưa trả lời
Đạt điểm 1,00

The network address of 172.16.0.0/21 provides how many subnets and hosts?

Select one:

- ☐ a. 7 subnets, 30 hosts each
- ☒ b. 32 subnets, 2046 hosts each
- ☐ c. 8 subnets, 2,046 hosts each
- ☐ d. 8 subnets, 8,190 hosts each

Clear my choice

Câu hỏi 136

Chưa trả lời
Đạt điểm 1,00

The network address of 172.16.0.0/24 provides how many subnets and hosts?

Select one:

- ☐ a. 256 subnets, 255 hosts each
- ☐ b. 255 subnets, 256 hosts each
- ☒ c. 256 subnets, 254 hosts each
- ☐ d. 256 subnets, 1024 hosts each

Clear my choice

Câu hỏi 137

Chưa trả lời
Đạt điểm 1,00

The network address of 192.168.0.0/27 provides how many subnets and hosts?

Select one:

- ☐ a. 8 subnets, 62 hosts each
- ☒ b. 8 subnets, 30 hosts each
- ☐ c. 6 subnets, 30 hosts each
- ☐ d. 8 subnets, 64 hosts each

Clear my choice

Chưa trả lời

Đạt điểm 1,00

The network address of 192.168.0.0/28 provides how many subnets and hosts?

- Select one:
- ☒ a. 16 subnets, 14 hosts each
 - ☐ b. 15 subnets, 14 hosts each
 - ☐ c. 15 subnets, 16 hosts each
 - ☐ d. 16 subnets, 16 hosts each

[Clear my choice](#)

Câu hỏi 139

Chưa trả lời

Đạt điểm 1,00

You have a network that needs 14 subnets while maximizing the number of host addresses available on each subnet. How many bits must you borrow from the host field to provide the correct subnet mask?

- Select one:
- ☐ a. 3
 - ☐ b. 5
 - ☒ c. 4
 - ☐ d. 2

[Clear my choice](#)

Câu hỏi 140

Chưa trả lời

Đạt điểm 1,00

You have a network that needs 29 subnets while maximizing the number of host addresses available on each subnet. How many bits must you borrow from the host field to provide the correct subnet mask?

- Select one:
- ☒ a. 5
 - ☐ b. 3
 - ☐ c. 2
 - ☐ d. 4

[Clear my choice](#)

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