Networking Essentials (2+1)_ Nhom 02FIE

Nhà của tôi / Các khoá học của tôi / NEES330380E_22_2_02FIE / Chapter 6: Network OS / Quiz #3

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Câu hỏi 1

Hoàn thành

Đạt điểm 1,00

When two computers using IPv6 want to communicate but the packet must pass through an IPv4 region, which transition strategy should be used?

Select one:

- ○ None of the choices are correct
- ◉ tunneling
- ○ dual stack
- ○ header translation

Câu hỏi 2

Hoàn thành

Đạt điểm 1,00

In a _____ name space, a name is assigned to an address. A name in this space is a sequence of characters without structure

Select one:

- ○ hierarchical
- ○ organized
- ○ None of the choices are correct
- ◉ flat

Câu hỏi 3

Hoàn thành

Đạt điểm 1,00

An IP datagram (datagram A) cannot reach its destination. An ICMP error message is sent to the source. The data field of the IP datagram (datagram B) that encapsulates the ICMP packet contains _____.

Select one:

○ None of the choices

○ only the ICMP header

○ only datagram A

◉ the ICMP header plus 8 bytes of datagram A

Câu hỏi 4

Hoàn thành

Đạt điểm 1,00

Which of the following protocols do not use 3-way handshake?

Select one or more:

☑ DNS

☐ ICMP

☑ FTP

☐ HTTP

Câu hỏi 5

Hoàn thành

Đạt điểm 1,00

UDP needs the _____ address to deliver the user datagram to the correct application process.

Select one:

○ application

◉ port

○ None of the choices are correct

○ internet

Câu hỏi 6

Hoàn thành

Đạt điểm 1,00

A full domain name is a sequence of labels separated by _____

Select one:

⦿ semicolons

◯ None of the choices are correct

◯ dots

◯ colons

Câu hỏi 7

Hoàn thành

Đạt điểm 1,00

In _____ resolution, the resolver expects the server to supply the final answer.

Select one:

⦿ recursive

◯ iterative

◯ None of the choices are correct

◯ straight

Câu hỏi 8

Hoàn thành

Đạt điểm 1,00

Hereafter is response from a nslookup command

Default server: srv-ad01.hcmute.edu.local

Address: 172.16.2.0

> www.yahoo.com

server: srv-ad01.hcmute.edu.edu.local

Address: 172.16.2.10

Non-authoritative answer:

Name: fd-fp3.wg1.b.yahoo.com

Addresses: 2406:2000:e4:200::4001

        116.214.12.74

Aliases: www.yahoo.com

What could be said about the "Non-authoritative answer"

Select one:

○ The answer is a response from the root servers

◉ The answer is a cached or forwarded response from the local DNS server

○ None of the choices are correct

○ The answer is a response from the local DNS server, there is a www.yahoo.com record in the primary zone.

Câu hỏi 9

Hoàn thành

Đạt điểm 1,00

An IP datagram has arrived with the following information in the header (in hexadecimal):

45 00 00 54 00 03 00 00 20 06 00 00 7C 4E 03 02 B4 0E 0F 02

a. Are there any options?
b. Is the packet fragmented?
c. What is the size of the data?
d. What is the size of Internet header?

options:	no
fragmented ?	no
Size of header	84
size of data	84

Câu hỏi 10

Hoàn thành

Đạt điểm 1,00

How many bits are contained in each field of an IPv6 address?

Answer:

16

Câu hỏi 11

Hoàn thành

Đạt điểm 1,00

Segmentation and Reassembly are among the functions of _____ layer

Select one:

- ⦿ Transport
- ◯ Data link
- ◯ Presentation
- ◯ Network

Câu hỏi 12

Không trả lời

Đạt điểm 2,00

IPSec is a security protocol implemented in Network layer. To secure the IP datagram, IPSec includes protocols:

- To ensure the authenticity of sender

- To obscure the transmitted data

Câu hỏi 13

Hoàn thành

Đạt điểm 1,00

A port address in TCP/IP is _____ bits long

Select one:

○ 32

◉ 16

○ 48

○ 8

Câu hỏi 14

Hoàn thành

Đạt điểm 1,00

On windows network, when a client fails to request an IP address. What does it do.

◉ Assign itself an IP address in range 196.254.x.y

○ Assign itself IP address 0.0.0.0

○ Assign itself IP address 127.0.0.1

○ IP address field is empty

Câu hỏi 15

Hoàn thành

Đạt điểm 1,00

Find the subnet mask for a Class B network to be split into 256 subnets

Select one:

○ 255.255.0.0

◉ 255.255.240.0

○ 255.255.255.0

○ 255.254.0.0

Câu hỏi **16**

Hoàn thành

Đạt điểm 1,00

UDP uses _____ to handle outgoing user datagrams from multiple processes on one host

Select one:

○ None of the choices are correct

● flow control

○ multiplexing

○ demultiplex

Câu hỏi **17**

Hoàn thành

Đạt điểm 5,00

Bytes of the first part of an ip datagram are shown:

45 00 01bd 0000 4000 3206 e94a 6f41 fa02 c0a8 4104 901f 90fb 206b 0f3f ada8 f0e8

Answer following questions:

1. What is the protocol id of the upper layer [TCP]

2. Is this datagram fragment? [No]

3. What is the Time-to-live value of this datagram (decimal)

   [   ]

4. What is the source port (decimal)

   [   ]

5. What is the destination port (decimal)

   [   ]

Câu hỏi 18

Hoàn thành

Đạt điểm 4,00

What are correct port for network services:

1. File transfer

   20

2. Web

   443

3. MS remote desktop

   3389

4. Imap

   143

Câu hỏi 19

Hoàn thành

Đạt điểm 1,00

Routing between autonomous system is referred to as _____ routing.

Select one:

- ○ out-of-domain
- ○ none of the choices is correct
- ● inter-domain
- ○ intra-domain

Câu hỏi 20

Hoàn thành

Đạt điểm 1,00

Match the correct host name resolution sequence. Suppose the name has not been yet looked up before.

Step #2:   Query DNS server

Step #1:   Query DNS server

Step #3:   Query DNS server

Câu hỏi 21

Hoàn thành

Đạt điểm 1,00

The value of HLEN in an IP datagram is 7. How many option bytes are present?

Answer: | 8 |

Câu hỏi 22

Hoàn thành

Đạt điểm 1,00

In hexadecimal colon notation, a 128-bit address is divided into _____ sections, each _____ hexadecimal digits in length.

Select one:

- ⦿ 8:4
- ○ None of the choices are correct
- ○ 8:2
- ○ 8:3

Câu hỏi 23

Hoàn thành

Đạt điểm 1,00

In a block, the prefix length is /22; what is the mask?

Select one:

- ○ 255.255.0.0
- ⦿ 255.255.255.0
- ○ 255.255.252.0
- ○ 255.0.0.0

Câu hỏi 24

Hoàn thành

Đạt điểm 1,00

For purposes of routing, the internet is divided into _____.

Select one:

○ subnets

◉ autonomous networks

○ wide area network

○ autonomous systems

Câu hỏi 25

Hoàn thành

Đạt điểm 1,00

A _____ is a server whose zone consists of the whole tree.

Select one:

○ domain server

○ None of the choices are correct

○ root server

◉ zone server

Câu hỏi 26

Hoàn thành

Đạt điểm 1,00

A host is sending 100 datagrams to another host. If the identification number of the
first datagram is 1024, what is the identification number of the last?

Answer: 1123

Câu hỏi 27

Hoàn thành

Đạt điểm 1,00

A client uses UDP to send data to a server. The data length is 16 bytes. Calculate the
efficiency of this transmission at the UDP level (ratio of useful bytes to total bytes rounded up to two decimals).

Answer: 66,67

Câu hỏi 28

Hoàn thành

Đạt điểm 1,00

Which of the following does UDP guarantee?

Select one:

○ None of the choices are correct

○ flow control

○ connection-oriented delivery

○ connection delivery

Câu hỏi 29

Hoàn thành

Đạt điểm 1,00

Identifying correct ports for the following network application?

Transferring data securely between client web browser and the bank

| 443 |

Remotely run a financing application from a server

| 80 |

Downloading mail from server to host

| 110 |

Sending mail between mail server

| 25 |

Câu hỏi 30

Hoàn thành

Đạt điểm 4,00

What is correct sequence of DHCP messages when a DHCP client request an IP address from server

1.

| DHCP DISCOVER |

2.

| DHCP OFFER |

3.

| DHCP REQUEST |

4.

| DHCP ACK |

Câu hỏi 31

Hoàn thành

Đạt điểm 1,00

Which of the followings do not present in the TCP/IP reference model?

Select one or more:

- ☐ Application
- ☐ Data link
- ☐ Physical
- ☑ Session

Câu hỏi 32

Hoàn thành

Đạt điểm 1,00

Which of the following commands can be used to check the communication between hosts in a TCP/IP network?

Select one:

- ◉ net connect
- ○ testip
- ○ ipconfig
- ○ ping

Câu hỏi 33

Hoàn thành

Đạt điểm 2,00

A file is transmitting over an Ethernet network. File size is 4KB,

```
3
```

frames are needed to deliver the file. The size of the last frame is

```
1000
```

bytes.

Fill correct answers in the blanks

Câu hỏi **34**

Hoàn thành

Đạt điểm 1,00

The value of the total length field in an IP datagram is 36 and the value of the header length field is 5. How many bytes of data is the packet carrying?

Answer: 16

Câu hỏi **35**

Hoàn thành

Đạt điểm 1,00

What a DNS server is responsible for or has authority over is a _____?

Select one:

○ stub zone

○ label

○ zone

◉ domain

Câu hỏi **36**

Hoàn thành

Đạt điểm 1,00

Given the folder structure layout on a NTFS volume of Windows server

```
C:\-+
        !-\Share\
                    !---Common
                    !---Finance
                    |---HR
```

- Finance: the space where people from finance Department stores data

- HR: the space where people from Human Resource Department stores data

The permission must be assigned so that all people from Group Finance have full access rights in folder Finance, whereas all people from Group HR have full access rights in HR folder.

All the people are denied access to folder of the other group (e.g People from group HR are denied access to folder Finance, and vice versa).

Select one or more:

- [ ] • Remove Users from objects that have permission on folder Share,
    • Assign full control permission to group Finance on folder Finance,
    • Assign full control permission to group HR on folder HR,

- [ ] • Assign Read & Write permission for Group HR on folder HR
    • Assign Read & Write permisison for Group Finance on folder Finance

- [x] • Leave default permission on folder Share,
    • Assign full control permission to group Finance on folder Finance
    • Assign full control permission to group HR on folder HR
    • Deny all rights for Group HR on folder Finance
    • Deny all rights for Group Finance on folder HR

- [x] • Revoke all permission of Group HR on folder HR except Read & Right permission
    • Revoke all permission of Group Finance on folder Finance except Read & Right permission

Câu hỏi **37**

Hoàn thành

Đạt điểm 1,00

UDP packets have a fixed-size header of _____ bytes.

Select one:

- ( ) 40
- ( ) 16
- (•) 8
- ( ) 24

Câu hỏi **38**

Hoàn thành

Đạt điểm 4,00

Which technique is being used to obscure the transmitted data

> Steganography

To mitigate the repudiation in electronic commerce between 2 sides of a transaction, the

> electronic commerce among

is used.

Which technique is being used to ensure both the

> cut

and

> cover

◄ **linux**

> Chuyển tới...

Bt-Linux ►