Second Unit Test

👁̶ **paragkoche0@gmail.com** (not shared)   Switch account

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* Required

Email *

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Which of the following field in IPv4 datagram is not related to fragmentation? *   1 point

○ Identifier

○ Flags

● TOS

○ Offset

The size of an IP address in IPv6 is _____   1 point

○ 4bytes

○ 8bytes

○ 100bits

◉ 128bits

Clear selection

For agent solicitation, Mobile IP Uses_____   1 point

○ A new packet types

○ Solicitation packet of IP

○ Solicitation packet of TCP

◉ The router solicitation packet of ICMP

Clear selection

The main reason for transition from IPv4 to IPv6 is _____   1 point

○ Huge number of systems on the internet

◉ Very low number of system on the internet

○ Providing standard address

○ To provide faster internet

Clear selection

The correct format of packet in tunnel that uses IPv4 region is _____ i.   1 point
IPv6 header ii. Payload iii. IPv4 header

◉ iii-i-ii

○ iii-ii-i

○ i-ii-iii

○ i-iii-ii

Clear selection

The source-quench message in ICMP was designed to add a kind of _____ to the IP.   1 point

○ error control

⦿ flow control

○ router control

○ switch control

Clear selection

Which of the feature present in IPv4 but not in IPv6.   1 point

⦿ Fragmentation

○ Header checksum

○ Option

○ All of the mentioned

Clear selection

In an IPv6 header, the traffic class field is similar to which field in the IPv4 header?   1 point

○ Fragmentation field

○ Fast switching

⦿ TOS field

◯ Option field

Clear selection

Which of the following is not applicable for IP?   1 point

⦿ Error reporting

◯ Handle addressing conventions

◯ Datagram format

◯ Packet handling

Clear selection

You want to ping the loopback address of your local host(with IPv6). What will you type?   1 point

◯ ping 127.0.0.1

◯ ping 0.0.0.0

⦿ ping ::1

◯ trace 0.0.::1

Clear selection

What is the minimum header size of an IP packet?   1 point

◯ 16 bytes

◯ 10 bytes

⦿ 20 bytes

○ 32 bytes

Clear selection

IPv6 does not use_____type of address   1 point

○ Broadcast

◉ Multicast

○ Anycast

○ None of the mentioned

Clear selection

Dual-stack approach refers to   1 point

○ Implementing Ipv4 with 2 stacks

○ Implementing Ipv6 with 2 stacks

◉ Node has both IPv4 and IPv6 support

○ None of the mentioned

○ Other:

Clear selection

What types of protocols are used in VPNs?   1 point

○ Application level protocols

◉ Tunnelling protocols

Network protocols

○ Network protocols

○ Mailing protocols

Clear selection

What network utility uses the time-To-Live (TTL) field in the IP header to elicit ICMP error messages?   1 point

○ Ping

○ Route

◉ Traceroute

○ Ifconfig

Clear selection

MAC address is also called _____.   1 point

◉ Physical address

○ Logical address

○ Source address

○ Destination address

Clear selection

The term _____ means that IP provides no error checking or tracking. IP   1 point
assumes the unreliability of the underlying layers and does its best to get a
transmission through to its destination, but with no guarantees.

○ reliable delivery

○ connection-oriented delivery

○ connection-oriented delivery

◉ best-effort delivery

○ none of the above

Clear selection

IP is _____ datagram protocol.   1 point

○ an unreliable

◉ a connectionless

○ both a and b

○ none of the above

Clear selection

IPv6 allows _____ security provisions than IPv4.   1 point

○ less

◉ More

○ The same level

○ None of the above

Clear selection

Which of the following is a necessary part of the IPv6 datagram?   1 point

◉ Base header

○ Extension header

○ Data packet from the upper layer

○ (a) and (c)

◯ (a) and (c)

Clear selection

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