

**Exam Code:** 1D0-460

**Exam Name:** CIW INTERNETWORKING  
PROFESSIONAL

**Vendor:** CIW

**Version:** DEMO

## Part: A

1: An SNMP Protocol Data Unit (PDU) type 0 is which type of command?

- A.GetRequest
- B.GetResponse
- C.SetRequest
- D.GetNextRequest

**Correct Answers: A**

2: Within the Encrypted Security Payload (ESP) extension header, which of the following ensures that messages end on a 64-bit boundary?

- A.Sequence Number
- B.Payload Type
- C.Padding
- D.Security Parameters Index (SPI)

**Correct Answers: C**

3: Using the IEEE EUI-64 conversion process, how do you convert the 48-bit host address (MAC address) to an IPv6 64-bit address?

- A.Add FF : EE between the third and fourth bytes.
- B.Add FE : FF between the third and fourth bytes.
- C.Add EF : FE between the third and fourth bytes.
- D.Add FF : FE between the third and fourth bytes.

**Correct Answers: D**

4: Multicasting in IPv6 uses three management messages that are similar to IPv4 equivalents. What does the Group Membership Query message in IPv6 do?

- A.It is sent to routers to terminate membership in a group.
- B.It is sent by stations to determine which local routers are members of a particular group.
- C.It is sent by stations to indicate membership in a particular group.
- D.It is sent by routers to determine which local stations are members of a particular group.

**Correct Answers: D**

5: Which extension header is identified by value 43 in the Next Header field?

- A.Hop-by-Hop extension header
- B.Destination Options extension header
- C.Fragment extension header
- D.Routing extension header

**Correct Answers: D**

6: Address 0:0:0:0:0:0:1 in IPv6 serves the same function as which address in the IPv4 address scheme?

- A.10.10.10.1
- B.172.20.40.71

- C.127.129.11.12
- D.255.255.255.255

**Correct Answers: C**

7: Which type of Protocol Data Unit (PDU) does SNMP send when an event occurs?

- A.SetRequest
- B.GetNextRequest
- C.GetRequest
- D.Trap

**Correct Answers: D**

8: Which extension header is identified by value 0 in the Next Header field?

- A.Routing extension header
- B.Destination Options extension header
- C.Hop-by-Hop extension header
- D.Fragment extension header

**Correct Answers: C**

9: An SNMP Protocol Data Unit (PDU) type 3 is which type of command?

- A.GetResponse
- B.GetRequest
- C.GetNextRequest
- D.SetRequest

**Correct Answers: D**

10: Which extension header is identified by value 60 in the Next Header field?

- A.Fragment extension header
- B.Hop-by-Hop extension header
- C.Routing extension header
- D.Destination Options extension header

**Correct Answers: D**

11: Which feature of Internet Group Management Protocol (IGMP) in IPv4 was excluded from Internet Control Message Protocol (ICMP) in IPv6?

- A.Subnet Mask Request/Subnet Mask Reply
- B.Group Membership Report/Reduction
- C.Router Solicitation/Router Advertisement
- D.Neighbor Solicitation/Neighbor Advertisement

**Correct Answers: A**

12: Which feature of Internet Group Management Protocol (IGMP) in IPv4 was excluded from Internet Control Message Protocol (ICMP) in IPv6?

- A.Group Membership Query
- B.Information Request/Information Reply

C.Router Solicitation/Router Advertisement

D.Group Membership Report/Reduction

**Correct Answers: B**

13: An SNMP Protocol Data Unit (PDU) type 2 is which type of command?

A.GetRequest

B.SetRequest

C.GetNextRequest

D.GetResponse

**Correct Answers: D**

14: Simple Network Management Protocol (SNMP) uses which type of encryption when it sends a SetRequest command?

A.128-bit

B.32-bit

C.Cleartext

D.64-bit

**Correct Answers: C**

15: What is the address prefix in binary for multicast addresses?

A.1111 1110 11

B.1111 1111

C.0000 010

D.1111 1110 10

**Correct Answers: B**

16: Why were checksums eliminated from IPv6?

A.To introduce alternative error checking

B.To accommodate different topologies

C.To increase packet processing speed

D.To increase MTU discovery over networks

**Correct Answers: C**

17: Which IPv4 field was revised and renamed the Next Header field in IPv6?

A.The Option field

B.The Type of Service field

C.The Protocol field

D.The Hop Limit field

**Correct Answers: C**

18: Which protocol does Simple Network Management Protocol (SNMP) use to make requests and responses?

A.TCP

B.IDX

C.UDP

D.SPX

**Correct Answers: C**

19: In IPv6, which configuration scheme requires an address server to allocate an IP address to a client from a pool of addresses?

A.Stateless autoconfiguration

B.Stateless configuration

C.Stateful autoconfiguration

D.Stateful configuration

**Correct Answers: D**

20: To send SNMP traps after the service is started, what must you add for them to work?

A.A Management Information Base (MIB)

B.A password

C.A new user

D.An IP address

**Correct Answers: D**