

- How long is an IPv4 address?

- * a. 32 bits.
- b. 128 bytes.
- c. 32 bytes.
- d. 48 bits.
- e. 128 bits.

- What is the Subnet Mask for class C 95 hosts (further ip addresses are reserved for creating subnet)?

- A. 255.255.255.0
- B. 255.255.255.224
- C. 255.255.255.95
- D. 255.255.255.254
- * E. 255.255.255.128

- Which class of IP address provides a maximum of only 255 address per network ID?

- A. Class A
- B. Class B
- * C. Class C
- D. Class D
- E. Class E

- Which class of IP address provides a maximum of only 2^{16} address per network ID?

- A. Class A
- * B. Class B
- C. Class C
- D. Class D
- E. Class E

- What is the Sub network Address for a host with the ip address 10.75.100.140 255.255.0.0?

- A. 10.74.0.0
- B. 10.254.0.0
- C. 10.2.0.0
- * D. 10.75.0.0

- To test the IP stack on your local host (same machine), which IP address would you ping?

- A. 172.0.1.1
- B. 127.0.0.0
- C. 255.255.255.255
- * D. 127.0.0.1

- The Network address of Class B with subnet mask 255.255.224.0 provides how many bits for subnets and how many bits for hosts?

- * A. 3bits for subnets, 13bits for host
- B. 13bits for subnets, 4bits for host
- C. 19bits for subnets, 13bits for host
- D. 16bits for subnets, 10bits for host
- E. 3bits for subnets, 10bits for host

- Which of the following is function of routers ?

- A. segment.
- B. Bits
- C. Framing.
- D. IP routing

- Which are the multicast addresses?

- A. Class A
- B. Class B
- C. Class C
- * D. Class D
- E. Class E

- Which class provides the largest number of hosts per network?

- * A. Class A
- B. Class B
- C. Class C
- D. Class D
- E. Class E

- ARP is used to find

- A. Physical address from Logical address
- B. Logical address from Physical address
- C. Both A and B
- D. None of the above

- Find the wrong IPv4 address from the following

A. 75.45.0.14

* B. 111.56.345.78

C. 221.34.7.8

D. None of the above

- What is the class of 152.5.15.111 IP address?

* A. class B

B. class A

C. class D

D. class E

- What is the class of 192.5.15.111 IP address?

A. class B

B. class A

* C. class C

D. class E

- What is the class of 12.5.15.111 IP address?

A. class B

* B. class A

C. class D

D. class E

- Which of the following device eliminates the broadcast domain from network?

A. Router

B. Switch

C. Hub

D. All of the above

