

ISLEVER

# 600-601

Managing Industrial Networks with Cisco  
Networking Technologies (IMINS)

DEMO

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**QUESTION NO: 1**

A small manufacturing company has a Class C network address on the plant floor and needs to create five subnets, each accommodating 25 endpoints. Which subnet mask needs to be configured?

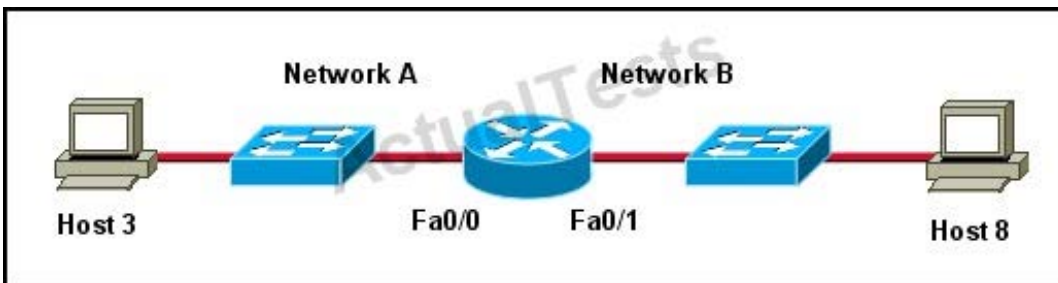
- A. 255.255.240.0
- B. 255.255.255.128
- C. 255.255.255.192
- D. 255.255.255.224
- E. 255.255.255.240
- F. 255.255.255.248

**Answer: D**

**Explanation:**

**QUESTION NO: 2**

Refer to the exhibit.



Host 3 on Network A is sending data to Host 8 on Network B. Which address is the default gateway of Host 3?

- A. the address of the switch interface that is connected to router interface Fa0/0
- B. the address of the switch interface that is connected to router interface Fa0/1
- C. the address of the host that is connected to Network A
- D. the address of the host that is connected to Network B
- E. the address of the router interface Fa0/0
- F. the address of the router interface Fa0/1

**Answer: E**

**Explanation:**

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**QUESTION NO: 3**

Which of the following correctly pairs the dotted decimal subnet mask with the correct number of binary bits that represent the subnet mask?

- A. 255.255.255.192 and /25
- B. 255.255.255.248 and /28
- C. 255.255.255.224 and /26
- D. 255.255.255.248 and /27
- E. 255.255.255.240 and /28
- F. 255.255.255.240 and /16

**Answer: E**

**Explanation:**

**QUESTION NO: 4**

Refer to the exhibit.

```

interface FastEthernet1/1      !
switchport access vlan 102    interface Vlan101
!                               ip address 192.168.1.1 255.255.255.0
interface FastEthernet1/2      !
switchport access vlan 104    !
!                               interface Vlan102
interface FastEthernet1/3      ip address 192.168.2.1 255.255.255.0
switchport access vlan 103    !
!                               !
interface FastEthernet1/4      interface Vlan103
switchport access vlan 101    ip address 192.168.3.1 255.255.255.128
!                               !
interface FastEthernet1/5      !
switchport trunk native vlan 103 interface Vlan104
switchport mode trunk         ip address 192.168.3.129 255.255.255.128
!                               !
interface Vlan1                !
no ip address                  ip classless

```

Which port should a PLC with IP address 192.168.3.65 be plugged into in order to communicate to the rest of the network?

- A. FastEthernet1/1
- B. FastEthernet1/2
- C. FastEthernet1/3
- D. FastEthernet1/4
- E. FastEthernet1/5

**Answer: C**

**Explanation:**

#### QUESTION NO: 5

Which option allows an EtherNet/IP I/O device to be safely installed where it is subject to water immersion?