

## 200-301<sup>Q&As</sup>

Implementing and Administering Cisco Solutions (CCNA) (Include  
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## QUESTION 1

How does encryption protect the wireless network?

- A. via integrity checks to identify wireless forgery attacks in the frame
- B. via specific ciphers to detect and prevent zero-day network attacks
- C. via an algorithm to change wireless data so that only the access point and client understand it
- D. via a policy to prevent unauthorized users from communicating on the wireless network

Correct Answer: C

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## QUESTION 2

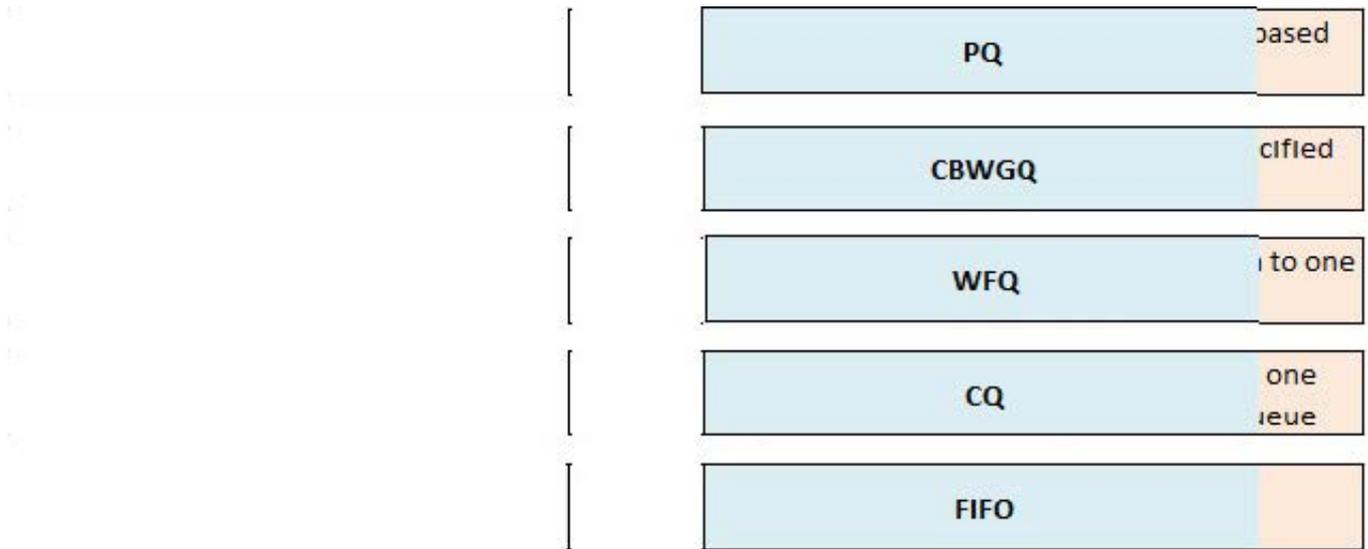
DRAG DROP

Drag and drop the QoS congestion management terms from the left onto the description on the right.

Select and Place:

CBWFQ	places packets into one of four priority-based queue
CQ	provides guaranteed bandwidth to a specified class of traffic
FIFO	provides minimum guaranteed bandwidth to one or more flows
PQ	services a specified number of bytes in one queue before continuing to the next queue
WFQ	uses store-and-forward queuing

Correct Answer:



CBWGG : provides guaranteed bandwidth to a specified class of traffic CQ : services a specified number of bytes in one queue before continuing to the next queue FIFO : uses store-and-forward queuing PQ : places packets into one of four priority-based queues WFQ : provides minimum guaranteed bandwidth to one or more flows

### QUESTION 3

Refer to the exhibit. What is the subnet mask for route 172.16.4.0?

```

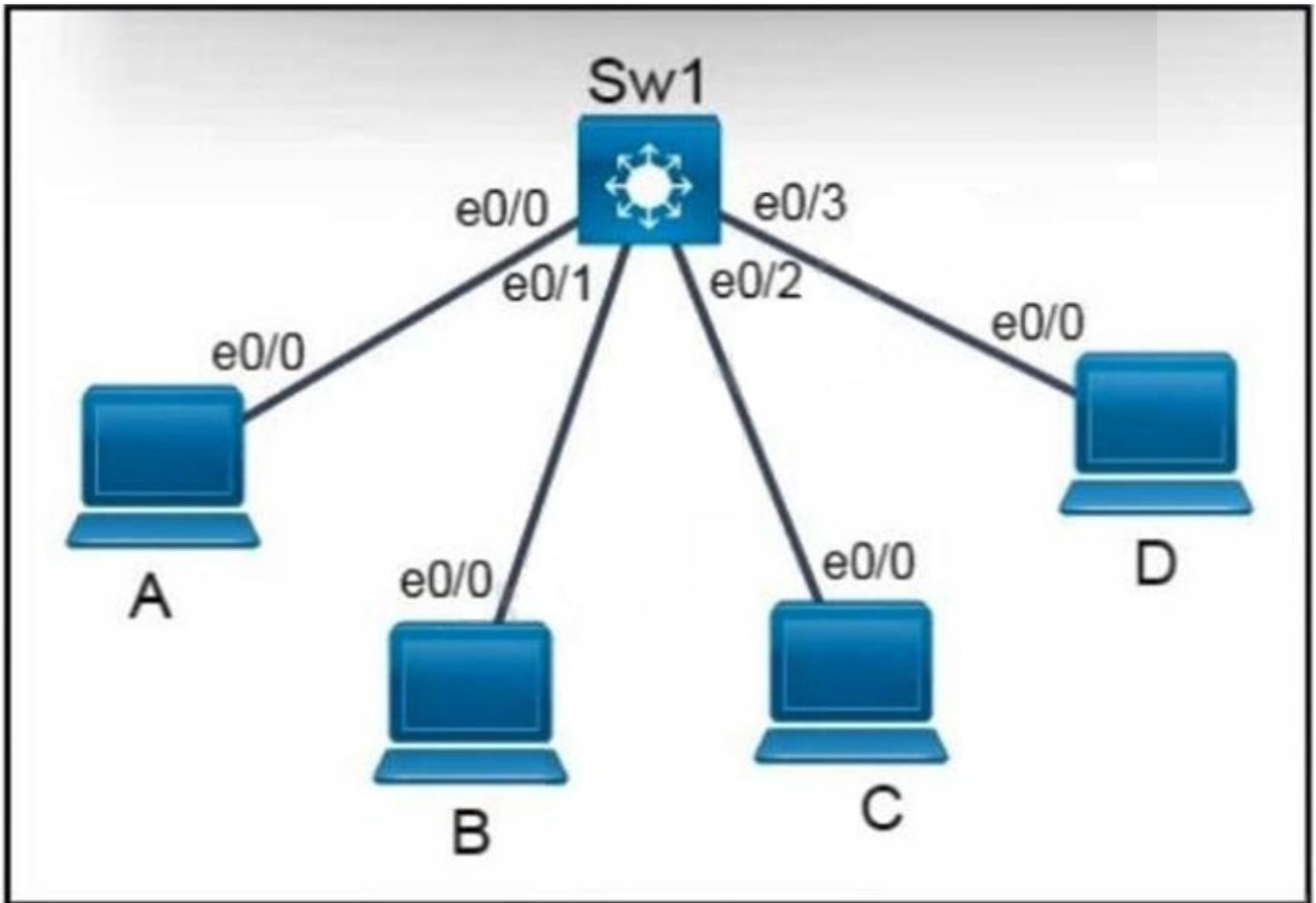
R1# show ip route | begin Gateway
Gateway of last resort is 0.0.0.0 to network 0.0.0.0
S* 0.0.0.0/0 is directly connected, Serial0/0/1
    172.16.0.0/16 is variably subnetted, 4 subnets, 2 masks
C    172.16.2.0/24 is directly connected, GigabitEthernet0/0
L    172.16.2.2/32 is directly connected, GigabitEthernet0/0
C    172.16.4.0/21 is directly connected, Serial0/0/1
L    172.16.8.2/26 is directly connected, Serial0/0/1
    
```

- A. 255.255.255.192
- B. 255.255.254.0
- C. 255.255.248.0
- D. 255.255.240.0

Correct Answer: C

### QUESTION 4

Refer to the exhibit.



Host A switch interface is configured in VLAN 2. Host D sends a unicast packet destined for the IP address of host A.

## Sw1#show mac-address table

### Mac Address Table

Vlan	Mac Address	Type	Ports
2	000c.859c.bb7b	DYNAMIC	e0/1
3	000c.859c.bb7b	DYNAMIC	e0/1
2	0010.11dc.3e91	DYNAMIC	e0/2
3	0010.11dc.3e91	DYNAMIC	e0/2
2	0043.29d9.c045	DYNAMIC	e0/3

Sw1#

What does the switch do when it receives the frame from host D?

- A. It floods the frame out of every ports except the source port.
- B. It creates a broadcast storm.
- C. It shuts down the source port and places it in err-disable mode.
- D. It drops the frame from the MAC table of the switch.

Correct Answer: A

#### QUESTION 5

Which set of actions satisfy the requirement for multifactor authentication?

- A. The user enters a user name and password, and then re-enters the credentials on a second screen.
- B. The user swipes a key fob, then clicks through an email link.
- C. The users enters a user name and password, and then clicks a notification in an authentication app on a mobile device.
- D. The user enters a PIN into an RSA token, and then enters the displayed RSA key on a login screen.

Correct Answer: C

This is an example of how two-factor authentication (2FA) works:

1.  
The user logs in to the website or service with their username and password.
2.  
The password is validated by an authentication server and, if correct, the user becomes eligible for the second factor.
3.  
The authentication server sends a unique code to the user's second-factor method (such as a smartphone app).
4.  
The user confirms their identity by providing the additional authentication for their second-factor method.

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