



350-401^{Q&As}

Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) & CCIE Enterprise Infrastructure & CCIE Enterprise Wireless





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QUESTION 1

Refer to the exhibit.

```
R1#show crypto isakmp sa
IPv4 Crypto ISAKMP SA
dst          src          state      conn-id  status
209.165.201.6 209.165.201.1 QM_IDLE    1001    ACTIVE
```

After configuring an IPsec VPN, an engineer enters the show command to verify the ISAKMP SA status. What does the status show?

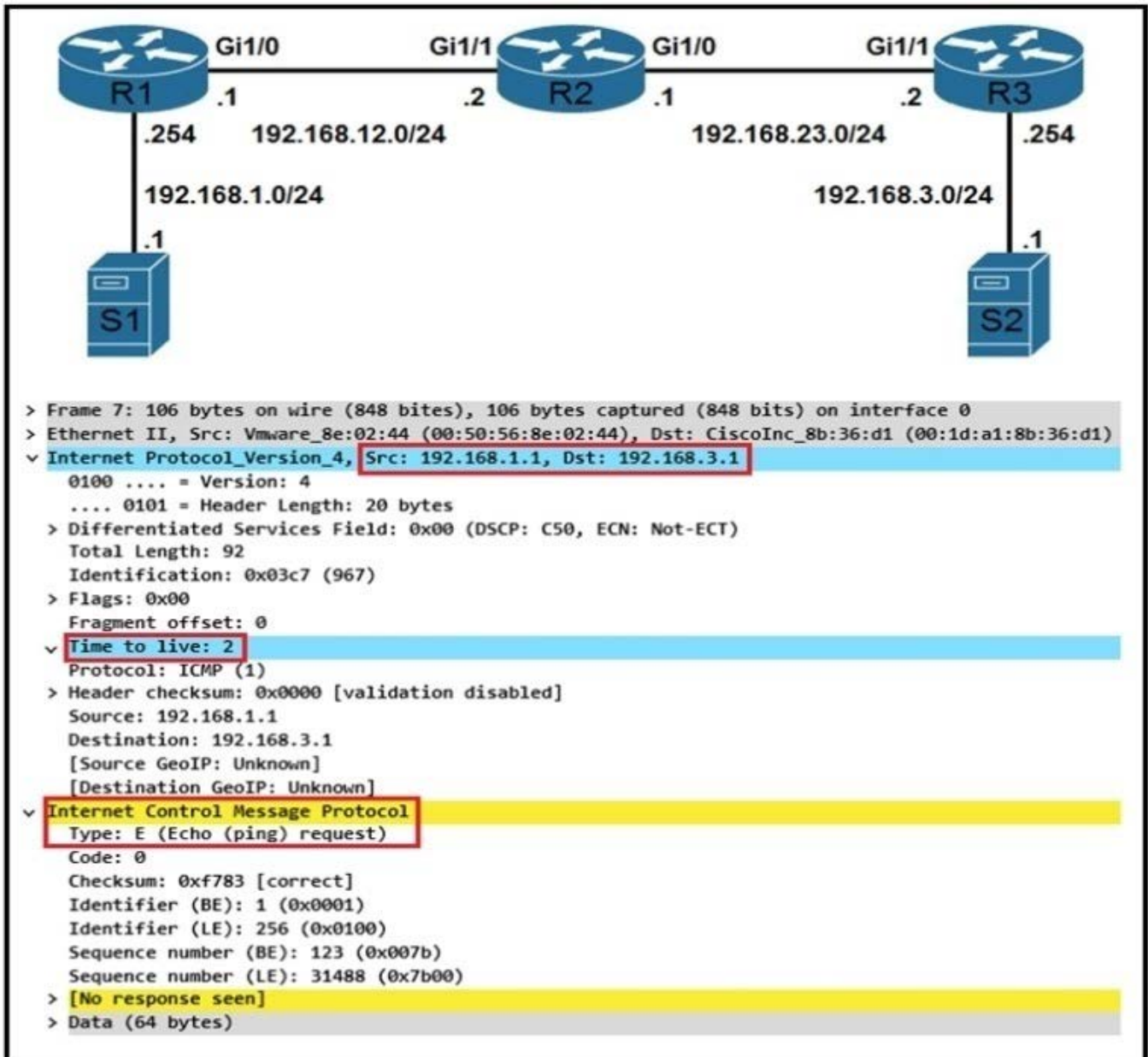
- A. ISAKMP SA is authenticated and can be used for Quick Mode.
- B. Peers have exchanged keys, but ISAKMP SA remains unauthenticated.
- C. VPN peers agreed on parameters for the ISAKMP SA
- D. ISAKMP SA has been created, but it has not continued to form.

Correct Answer: A

The ISAKMP SA has been authenticated. If the router initiated this exchange, this state transitions immediately to QM_IDLE, and a Quick Mode exchange begins. <https://www.ciscopress.com/articles/article.asp?p=606584>

QUESTION 2

Refer to the exhibit.



Which troubleshooting a routing issue, an engineer issues a ping from S1 to S2. When two actions from the initial value of the TTL? (Choose two.)

- A. The packet reaches R3, and the TTL expires
- B. R2 replies with a TTL exceeded message
- C. R3 replies with a TTL exceeded message.
- D. The packet reaches R2, and the TTL expires.
- E. R1 replies with a TTL exceeded message
- F. The packet reaches R1 and the TTL expires.

Correct Answer: BD



When a labeled packet is received with a TTL of 1, the receiving LSR drops the packet and sends an ICMP message "time exceeded" (type 11, code 0) to the originator of the IP packet. This is the same behavior that a router would exhibit with an IP packet that had an expiring TTL.

https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b_cg74_CONSOLIDATED/b_cg74_CONSOLIDATED_chapter_010111000.html#:~:text=The%20local%20and%20FlexConnect%20mode%20access%20points,spend%20about%2050%20milliseconds%20on%20each%20channel.

QUESTION 3

DRAG DROP

Drag and drop the characteristics from the left onto the switching architectures on the right.

Select and Place:

	Process Switching
It optimizes the switching process to handle larger packet volumes.	
It is referred to as "software switching."	
The general-purpose CPU is in charge of packet switching.	
	Cisco Express Forwarding

Correct Answer:

	Process Switching
	It optimizes the switching process to handle larger packet volumes.
	The general-purpose CPU is in charge of packet switching.
	Cisco Express Forwarding
	It is referred to as "software switching."

QUESTION 4

Refer to the exhibit.



An engineer reconfigures the port-channel between SW1 and SW2 from an access port to a trunk and immediately notices this error in SW1's log:

```
*Mar 1 09:47:22.245: %PM-4-ERR_DISABLE: bpduguard error detected on Gi0/0, putting Gi0/0 in err-disable state
```

Which command set resolves this error?

- A. SW1(config-if)#interface G0/0 SW1(config-if)#no spanning-tree bpduguard SW1(config-if)#shut SW1(config-if)#no shut
- B. SW1(config-if)#interface G0/0 SW1(config-if)#no spanning-tree bpduguard enable SW1(config-if)#shut SW1(config-if)#no shut
- C. SW1(config-if)#interface G0/0 SW1(config-if)#spanning-tree bpduguard enable SW1(config-if)#shut SW1(config-if)#no shut
- D. SW1(config-if)#interface G0/1 SW1(config-if)#spanning-tree bpduguard enable SW1(config-if)#shut SW1(config-if)#no shut

Correct Answer: B

QUESTION 5

What is a type 2 hypervisor?

- A. Installed as an application on an already installed operating system.
- B. Runs directly on a physical server and includes its own operating system.
- C. Supports over-allocation of physical resources.
- D. Also referred to as a "bare metal hypervisor" because it sits directly on the physical server.

Correct Answer: A

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