



# 642-066

## Cisco

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**QUESTION 1**

In MPLS networks, what is the benefit of disabling TTL propagation?

- A. To provide a visible extension of MPLS TTL functionality in a non-MPLS-enabled domain
- B. To improve the IGP convergence time
- C. To hide visibility to the core (provider) routers in the MPLS network
- D. To provide a visible extension of IP TTL functionality in an MPLS-enabled domain
- E. To improve MPLS convergence time

Answer: C

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**QUESTION 2**

You have just configured HSRP group 10 in your network. Which MAC address will your default gateway use?

- A. 0000.5E00.010a
- B. 0000.0c07.ac0a
- C. 0000.0c07.0110
- D. 000.0cac.070a
- E. 0000.5e00.0110

Answer: B

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**QUESTION 3**

Which two of the following statements are true about HSRP load sharing? (Choose two.)

- A. The return traffic is influenced by HSRP load sharing configuration
- B. It is achieved by using more than one HSRP group
- C. It is used to offload the active router in a certain HSRP group
- D. It is done in regards to either round robin or weight basis
- E. Single group HSRP is used to achieve more efficient link utilization

Answer: B,C

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**QUESTION 4**

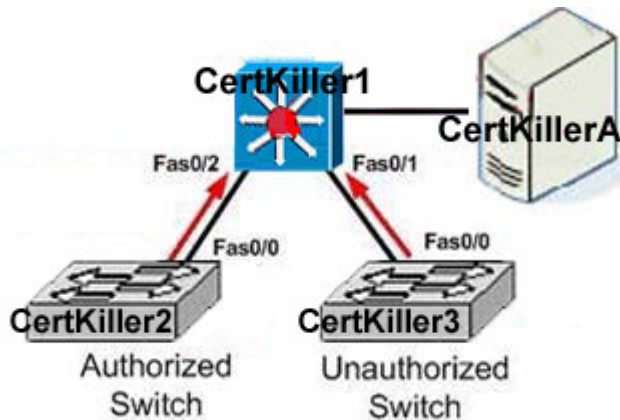
On a Cisco Catalyst 4500 Series, the fail LED is lit for one if its two power supplies. Which command would you use to check on this problem?

- A. Show module
- B. Show errdisable detect
- C. Show environment
- D. Show diagnostic content
- E. Show hardware

Answer: C

### QUESTION 5

Exhibit:



You work as a network engineer at Certkiller .com. You study the exhibit carefully. Which catalyst switch configuration would protect a customer network from possible disruption in the case in which an unauthorized switch is added to the network?

- A. Certkiller 1# show run  
 Hostname Certkiller 1  
 No spanning-tree optimize bpdu transmission  
 Spanning-tree extend system-id  
 Interface fastethernet 0/1  
 Switchport mode access
- B. Certkiller 1# show run  
 Hostname Certkiller 1  
 No spanning-tree optimize bpdu transmission  
 Spanning-tree extend system-id  
 Interface fastethernet 0/1  
 Switchport port-security violation restrict
- C. Certkiller 1# show run  
 Hostname Certkiller 1  
 Spanning-tree portfast bpduguard default  
 No spanning-tree optimize bpdu transmission  
 Spanning-tree extend system-id  
 Interface fastethernet 0/1  
 Spanning-tree guard root
- D. Certkiller 1# show run  
 Hostname Certkiller 1  
 No spanning-tree optimize bpdu transmission  
 Spanning-tree extend system-id  
 Interface fastethernet 0/1  
 Switchport protected

Answer: C

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**QUESTION 6**

When HSRP is configured on a network, which two of these items are provided, which are shared between the routers that run HSRP? (Choose two.)

- A. Shared single interface
- B. IP Address
- C. TCP-based hello packets
- D. MAC address
- E. UDP-based hello packets

Answer: B,D

---

**QUESTION 7**

Exhibit:

```
SB: V111 Grp 11 Tracked interface Port-channel10 Down
SB: V111 Grp 11 Priority 201/251 -> 151/251
SB11: V111 Coup in 172.16.11.111 Standby pri 200 ip 172.16.11.115
SB11: V111 Active: j/Coup rcvd from higher pri router (200/172.16.11.111)
SB11: V111 Active router is 172.16.11.111, was local
SB11: V111 Standby router is unknown, was 172.16.11.111
SB11: V111 Active -> Speak
%STANDBY-6-STATECHANGE: Vlan11 Group 11 state Active -> Speak
SB11: V111 Redundancy "hsrp-V111-11" state Active -> Speak
SB11: V111 Speak: d/Standby timer expired (unknown)
SB11: V111 Standby router is local
SB11: V111 Speak -> Standby
SB11: V111 Redundancy "hsrp-V111-11" state Speak -> Standby
```

You work as a network engineer at Certkiller .com. You study the exhibit carefully. What is the HSRP state and priority of this interface after HSRP reaches its steady state?

- A. Active, Priority 201
- B. Standby, Priority 201
- C. Standby, Priority 151
- D. Standby, Priority 251
- E. Active, Priority 251
- F. Active, Priority 151

Answer: C

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**QUESTION 8**

Exhibit:

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