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問題集

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Exam : **400-101**

Title : CCIE Routing and Switching
Written Exam, v5.1

Version : Demo

1.Which mechanism does GET VPN use to preserve IP header information?

- A. IPsec tunnel mode
- B. GRE
- C. MPLS
- D. IPsec transport mode

Answer: A

2.Refer to the exhibit.

```
!  
router bgp 65500  
  neighbor LocalSite ebgp-multihop 2  
  neighbor LocalSite update-source Loopback 0  
  neighbor LocalSite next-hop-self  
  neighbor LocalSite route-map CheckCommunity in  
  neighbor LocalSite route-map CPodPeer out  
!  
route-map CPodPeer permit 10  
  match as-path 1  
!  
route-map CPodPeer permit 15  
  match as-path 33  
!  
route-map CpodPeer deny 30  
!  
ip as-path access-list 1 permit ^$  
ip as-path access-list 33 permit _65006$  
!
```

Which routes are advertised by the router?

- A. No routers
- B. BGP routes that originated from AS 65006 and BGP routes that originated on this router
- C. All routers
- D. BGP routers sourced on this router
- E. BGP routes that originated on RT1

Answer: B

3.For what reason might you choose to use an SVTI interface instead of a crypto map on a tunnel interface?

- A. SVTIs support dynamic routing protocols without GRE headers.
- B. SVTIs can support multiple IPsec SAs.
- C. SVTIs can carry non-IP traffic.
- D. SVTIs support CEF-switched traffic shaping.

Answer: A

4.Refer to the exhibit.

```

RT1#sh bfd neighbors detail
IPv4 Sessions
NeighAddr          LD/RD          RH/RS          State          Int
10.129.95.197      1/2148270086  Up             Up             Gi0/3
Session state is UP and not using echo function.
Session Host: Software
OurAddr: 10.129.95.198
Handle: 1
Local Diag: 0, Demand mode: 0, Poll bit: 0
MinTxInt: 999000, MinRxInt: 999000, Multiplier: 3
Received MinRxInt: 999000, Received Multiplier: 3
Holddown (hits): 2691(0), Hello (hits): 999(2143414)
Rx Count: 2049145, Rx Interval (ms) min/max/avg: 816/1016/917 last: 306 ms ago
Tx Count: 2143416, Tx Interval (ms) min/max/avg: 4/1266/878 last: 476 ms ago
Elapsed time watermarks: 0 0 (last: 0)
Registered protocols: BGP
Uptime: 3w0d
Last packet: Version: 1- Diagnostic: 0
              State bit: Up           - Demand bit: 0
              Poll bit: 0             - Final bit: 0
              C bit: 1                - Length: 24
              Multiplier: 3           - Your Discr.: 1
              My Discr.: 2148270086    - Min rx interval: 999000
              Min tx interval: 999000
              Min Echo interval: 0

```

Which two statements about the output are true? (Choose two)

- A. BFD last failed 476ms ago on interface GigabitEthernet 0/3.
- B. BGP on RT1 has negotiated the BFD capability with its peer.
- C. BFD is active on interface GigabitEthernet0/3 and is using ICMP.
- D. BFD is active on interface GigabitEthernet0/3 and is using UDP.
- E. BFD is active for BGP on RT1

Answer: DE

5.Which two statements about PPP PAP are true? (Choose two)

- A. It requires two-way authentication.
- B. It can protect against playback attacks.
- C. It is supported only on synchronous interfaces.
- D. It is vulnerable to trial-and error attacks.
- E. Login attempts are controlled by the remote node.

Answer: DE