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## 問題集

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**Exam** : **400-101**

**Title** : CCIE Routing and Switching  
Written Exam

**Version** : Demo

1.Which two statements about migrating a network from pvst+ to rapid pvst+ are true? (Choose two)

- A. Core switches must be migrated before the access layer switches
- B. Because rapid-PVST+ is backward-incompatible with PVST+, all switches on the network must be migrated at once in a single maintenance window
- C. Access layer switches must be migrated before the core switches
- D. If the LAN runs in mixed mode automatically during the migration, convergence time is less than when all switches are in PVST+ mode
- E. Root guard and BPDU guard are disabled automatically during the migration
- F. UplinkFast and BackboneFast are disabled automatically during the migration

**Answer:** CF

2.Which command must you configure on a device so it can establish an IPv6-in-IPv4 IPSec tunnel?

- A. vrf context vrf-name
- B. mpls ip
- C. ip cef
- D. ipv6 unicast-routing

**Answer:** D

3.Refer to exhibit.

If a DHCP server has generated the given debug output, which two statements about the network environment are true?

- A. Client 0050.4332 has been assigned an IP address on the 10.10.2.0/24 subnet
- B. The DHCP server received a DHCPREQUEST from a client whose ID ends in 4574.302f.30
- C. The DHCP pool for the 10.10.2.0/24 subnet is configured incorrectly
- D. The DHCP server receives discover messages through a relay agent
- E. The DHCP server assigned PC2 an address from the 10.10.3.0/24 subnet

**Answer:** AD

4.Refer to the exhibit.

```
R1#sh ip eigrp top all
IP-EIGRP Topology Table for AS (192.168.13.1)
Codes: P - Passive, A - Active, U - Update, Q- Query, R - Reply,
       r - reply Status, s - sia Status
P 10.0.0.0/8, 1 successors, FD is 3586560, serno 8
   via 192.168.1.5 (3586560/3074560), Serial0/0
P 192.168.100.0/24, 2 successors, FD is 409600, serno 5
   via 192.168.13.3 (409600/128256), FastEthernet0/1
   via 192.168.12.3 (435200/409600), FastEthernet0/0
```

Which statement about the 192.168.100.0/24 destination network is true.

- A. The neighbors fail to meet the feasibility condition.
- B. The reporting distance for the feasible successor is 49000
- C. The reporting distance for the successor is 409600
- D. The reported distance is too small to support a feasible successor route

**Answer: A**

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

- A. When using AToM, the IP precedence field is not copied to the MPLS packet
- B. It provides support for L2VPN features on ATM interfaces
- C. It encapsulates Layer 2 frames at the egress PE
- D. AToM supports connecting different L2 technologies using internetworking option
- E. The loopback address of the PE router must be either /24 or /32

**Answer: AD**