



Cisco 350-027

CCIE® Written: Metro Ethernet

Q&A

DEMO Version

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Technical and Support Team
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QUESTION NO: 1

Which statement are true regarding ATM-Ethernet PW Interworking?

- A. IP Interworking is supported.
- B. Ethernet Interworking is supported.
- C. LLC Interworking is supported.
- D. ATM-Ethernet Interworking is not possible.

Answer: A

QUESTION NO: 2

To eliminate the need for adjacent routers on broadcast networks to form $n(n-1)/2$ adjacencies, IS-IS defines a pseudonode or Designated intermediate System, DIS. All router on the broadcast medium form an adjacency with the DIS. The Backup DIS is called:

- A. Redundant DIS
- B. BDR
- C. There is no concept of a backup DIS in IS-IS
- D. Designated Redundant System

Answer: D

QUESTION NO: 3

What ISDN timer is started after Q.931 SETUP msg is sent?

- A. T301
- B. T303
- C. T302
- D. T310
- E. T305

Answer: D

QUESTION NO: 4

Which statements are true regarding Interworking?

- A. Interworking is only supported in AToM.
- B. Interworking is supported in AToM and L2TPv3.
- C. Ethernet Interworking is only supported if one AC is Ethernet or VLAN.
- D. FR-PPP is not supported.

Answer: B

QUESTION NO: 5

Observing the output below from the TK router, select what path EoMPLS will take before exiting a router:

```
TK#show mpls 12transport vc 100 detail
Local interface: Fa0/0.1 up, line protocol up, Eth VLAN 100 up
Destination address: 172.0.0.3, VC ID: 100, VC status: up
Preferred path: Tunnel1, active
Default path: disabled
Tunnel label: 3, next hop point2point
Output interface: Tu1, imposed label stack {27 20}
Create time: 00:07:11, last status change time: 00:07:11
Signaling protocol: LDP 16, remote 20
MPLS VC labels: local 16, remote 20
Group ID: local 0, remote 0
MTU: local 1500, remote 1500
Remote interface description:
Sequencing: receive disabled, send disabled
```

- A. 172.0.0.3
- B. FastEthernet 0/0
- C. FastEthernet 0/0.1
- D. Tunnel1
- E. This is an invalid output

Answer: D

QUESTION NO: 6

What is NOT true regarding PW QoS?

- A. A policy action can be applied for packets matched by DLCI.
- B. LLQ can be applied to traffic classified per COS on Ethernet AC.
- C. CB-WFQ can be applied to traffic classified per COS on Ethernet AC.
- D. The command 'set cos' is used to modify the .1p cos bits in a policy.
- E. The command 'set vlan' is used to modify the VLAN tag in a policy.
- F. All of the above.

Answer: F

QUESTION NO: 7

According to the IEEE 802.3 CSMA/CD specification, what is the proper signal for contact 6 of a PHY without an internal crossover MDI Signal?

- A. Receive +
- B. Transmit +
- C. Receive -
- D. Transmit -

Answer: C

QUESTION NO: 8

Exhibit:

```
S* 0.0.0.0/0 [1/0] via 172.31.116.65
D 172.16.0.0/24 [90/38609] via 10.1.1.1
R 172.16.0.0/16 [120/4] via 192.168.1.4
```

A router has the above routes listed in its routing table and receives a packet destined for 172.16.0.45. What will happen?

- A. The router will not forward this packet, since it is destined for the 0 subnet.
- B. The router will forward the packet through 172.31.116.65, since it has the lowest metric.
- C. The router will forward the packet through 10.1.1.1.
- D. The router will forward the packet through 172.31.116.65, since it has the lowest administrative distance.
- E. The router will forward the packet through 192.168.1.4

Answer: C

QUESTION NO: 9

Which statement is true?

- A. L2TPv2 and L2TPv3 are the same protocol with enhanced features in L2TPv3.
- B. L2TPv2 and L2TPv3 are both commonly used for dial-in services.
- C. L2TPv2, not L2TPv3, is commonly used for dial-in services.
- D. L2TPv3 is used for Layer2 attachment services.
- E. None of the above.

Answer: A, D

QUESTION NO: 10

What is most commonly used to prevent hackers from flooding a port with MAC-addresses?

- A. BPDU Guard
- B. 802.x
- C. Port Security
- D. Storm Control
- E. Switch Port protected

Answer: C