Vendor: Cisco

Exam Code:350-001

Exam Name:CCIE Routing and Switching Written

Version: Demo

QUESTION 1

Which standard supports multiple instances of spanning tree?

A. 802.1 D

B. 802.1s

C. 802.1w

D. 802.1 z

Correct Answer: B

QUESTION 2

The network administrator is trying to add Switch1 to the network, but the 802.1 Q trunk is not coming up. Switch1 was previously tested in the laboratory and its trunk configuration worked fine.

What are three possible causes of this problem? (Choose three.)

A. The trunking configuration mode on Switch1 is set to Off.

B. The trunking configuration mode on the other end is set to On.

C. The trunking configuration mode on the other end is set to Desirable.

D. Cisco Discovery Protocol is not running on the other end.

E. There is a VTP domain name mismatch.

F. Switch1 does not support 802.1Q.

Correct Answer: BCE

QUESTION 3

Refer to the exhibit. Which statement is correct?

```
P1#show ip mfib 239.1.1.1 10.1.100.3
(10.1.100.3,239.1.1.1) Flags:
   SW Forwarding: 74326/0/81/0, Other: 0/0/0
   Ethernet0/1 Flags: A
   Ethernet1/0 Flags: F NS
     Pkts: 23/0
```

A. Ethernet0/1 is in the outgoing interface list, and Ethernet1/0 is in the incoming interface list.

B. Ethernet1/0 is in the outgoing interface list, and Ethernet0/1 is in the incoming interface list.

C. This is not a valid MFIB entry.

D. This MFIB entry is currently not used to forward multicast traffic.

E. All multicast packets for this MFIB entry are punted.

Correct Answer: B

QUESTION 4

What two features in Cisco switches help prevent Layer 2 loops? (Choose two.)

A. Unidirectional Link Detection

B. Hot Standby Router Protocol

C. Virtual Router Redundancy Protocol

D. PortFast

E. root guard

F. loop guard

Correct Answer: AF

QUESTION 5

What are two ways to force the selection of a root bridge in a network that is running the 802.1D protocol? (Choose two.)

A. spanning tree vlan all root

B. spanning-tree vlan vlan-id priority 65535

C. spanning-tree vlan vlan-id root

D. spanning-tree vlan vlan-id priority 0

E. spanning-tree vlan vlan-id force root

Correct Answer: CD

QUESTION 6

In which two spanning-tree port states is the port learning MAC addresses? (Choose two.)

A. disabled

B. blocking

C. listening

D. learning

E. forwarding

Correct Answer: DE

QUESTION 7

What s the default stratum clock on a Cisco router, when you see the key word "master" configured on the NTP line?

A. 1

B. 2

C. 4

D. 6

E. 8

Correct Answer: E

QUESTION 8

Refer to the exhibit. The next hops are learned via OSPF and IS-IS.

Which path is selected as the best path for 10.168.0.1?

```
R1#show ip route 10.0.0.0
O          10.0.0.2/32 [110/101] via 10.1.2.2, 00:02:05, Ethernet0/0
i L1       10.0.0.3/32 [115/20] via 10.1.3.3, Ethernet0/1

R1#show bgp 10.168.0.1/32
BGP routing table entry for 10.168.0.1/32, version 3
Paths: (2 available, best #?, table default)
Flag: 0x820
 Not advertised to any peer
 4
   10.0.0.2 (metric 101) from 10.0.0.2 (10.0.0.2)
     Origin IGP, metric 0, localpref 100, valid, internal
     mpls labels in/out nolabel/2004
 4
   10.0.0.3 (metric 20) from 10.0.0.3 (10.0.0.3)
     Origin IGP, metric 0, localpref 100, valid, internal
```

A. path 1, because it is an MPLS labeled path

B. path 1, because the next hop is learned via OSPF with an AD of 110, compared to 115 for IS-IS

C. path 2, because it has the highest router ID

D. path 2, because it has the lowest IGP metric

Correct Answer: D

QUESTION 9

Refer to the exhibit.

```
Jun 5 12:55:44.359: %SEC-6-IPACCESSLOGP: list myacl permitted tcp
192.168.16.1(38402) -> 192.168.16.2(23), 1 packet [0x723E6E12]
```

```
Jun 5 12:55:44.359: %SEC-6-IPACCESSLOGP: list myacl permitted tcp
192.168.16.1(38402) -> 192.168.16.2(23), 1 packet (tag = Private)
```

Which two statements are correct? (Choose two.)

A. The packet is received on the private interface.

B. Zone-Based Firewall is configured on the router.

C. Logging is enabled for the access list.

D. Private is an identification of that ACE.

E. The Telnet connection is successfully set up.

Correct Answer: CD

QUESTION 10

Which two of these steps are minimum requirements to configure OSPFv3 under IPv6? (Choose two.)

A. Configure a routing process using the command ipv6 router ospf [process-id].

B. Add the network statement for the interfaces on which OSPF will run.

C. Configure OSPF on the interface that it will run on.

D. Use the passive-interface command on the interfaces on which OSPF should not run.

E. Enable routing.

Correct Answer: CE

QUESTION 11

The 802.1w protocol is seen as the next evolution beyond the 802.1D standard protocol.

Which of these statements regarding port states is true of both 802.1D and 802.1w?

A. All 802.1D port states (Disabled, Blocking, Listening, Learning, and Forwarding) are identical in

B. 802.1w.

C. The 802.1D port states Disabled and Blocking have become the 802.1w port state Discarding, and all other 802.1D port states remain the same in 802.1w.

D. The 802.1D port states Disabled, Blocking, and Listening have become the 802.1w port state

E. Discarding, and all other 802.1D port states remain the same in 802.1w.

F. The 802.1D port states Disabled, Blocking, and Listening have been removed completely from 802.1w (there is no corresponding port state), and all other 802.1D port states remain the same in 802.1w.

G. The 802.1D port state Disabled has been removed from 802.1w, and the 802.1D port states Blocking and Listening have become the 802.1w port state Discarding; all other 802.1D port states remain the same in 802.1w.

Correct Answer: C

QUESTION 12

If a port configured with STP root guard receives a superior STP BPDU, the port will be put into which state?

A. root-inconsistent state

B. forwarding state

C. blocking state

D. errdisabled state

Correct Answer: A

To Read the Whole Q&As, please purchase the Complete Version from Our website.

Try our product !

100% Guaranteed Success

100% Money Back Guarantee

365 Days Free Update

Instant Download After Purchase
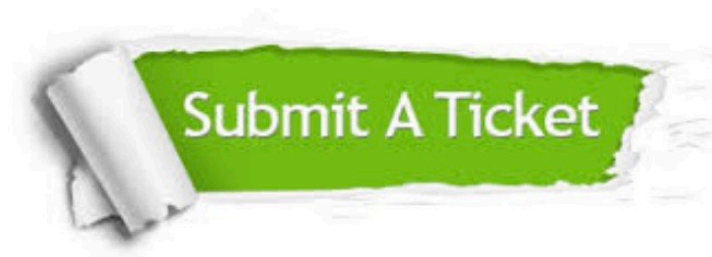
24x7 Customer Support

Average 99.9% Success Rate

More than 800,000 Satisfied Customers Worldwide

Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

Need Help
Please provide as much detail as possible so we can best assist you.
To update a previously submitted ticket:

One Year Free Update
Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.

Money Back Guarantee
To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.

Security & Privacy
We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.