640-878^{Q&As}

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QUESTION 1

On the Cisco ME 3400 switch, spanning tree is enabled by default on which type of switch port?

A. UNI

B. ENI

C. NNI

D. ENI and NNI

E. UNI, ENI, and NNI

Correct Answer: C

http://www.cisco.com/en/US/docs/switches/metro/me3400/software/release/12.2_25_seg_seg1/c onfiguration/guide/swstpopt.html#wp1002608

QUESTION 2

Which three are correct statements based on the BGP configuration below? (Choose three.)

Router#config t Router(config)#router bgp 1 Router(config-router)#neighbor 1.1.1.1 remote-as 1 Router(config-router)#neighbor 3.3.3.3 remote-as 2

A. local AS is 1

B. local AS is 2

C. neighbor 1.1.1.1 remote-as 1 is iBGP peer

D. neighbor 1.1.1.1 remote-as 1 is eBGP peer

E. neighbor 3.3.3.3 remote-as 2 is iBGP peer

F. neighbor 3.3.3.3 remote-as 2 is eBGP peer

G. neighbor 2.2.2.2 remote-as 2 is iBGP peer

H. neighbor 2.2.2.2 remote-as 2 is eBGP peer

Correct Answer: ACF

QUESTION 3

Select and Place:

Drag and drop the routing characteristics on the left to the correct routing catagory on the right. Not all options on the left are used.

Each router builds a full topology table.	**static routing**
Each router sends periodic updates of the routing table to neighbor routers.	
support hierarchical area design	**distance vector routing protcols**
require the most explicit configuration and the most maintenance	
also known as "routing by rumor"	**link-state routing protocols**
use attributes like local preference, weight, and so forth to determine the best path	
support multiprotcols including VPNv4	
use for interdomain routing	

Correct Answer:

Drag and drop the routing characteristics on the left to the correct routing catagory on the right. Not all options on the left are used.

static routing

require the most explicit configuration and the most maintenance

distance vector routing protcols

Each router sends periodic updates of the routing table to neighbor routers.

also known as "routing by rumor"

link-state routing protocols

Each router builds a full topology table.

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support multiprotcols including VPNv4

use for interdomain routing

QUESTION 4

Refer to the two show output examples below. The switch with the e8ba.70b5.7180 MAC address is the root bridge for which VLAN or VLANs?

```
S78#show spanning-tree

MST0
 Spanning tree enabled protocol mstp
 Root ID   Priority   32768
           Address    e8ba.70b5.6c00
           Cost     0
           Port       23 (FastEthernet0/21)
           Hello Time   2 sec  Max Age 20 sec  Forward Delay 15 sec
 Bridge ID  Priority   32768  (priority 32768 sys-id-ext 0)
           Address    e8ba.70e1.d980
           Hello Time   2 sec  Max Age 20 sec  Forward Delay 15 sec

Interface       Role Sts Cost     Prio.Nbr Type
------------------- ---- --- -------- -------- --------------------------------
Fa0/1           Desg FWD 200000   128.3   P2p
Fa0/2           Desg FWD 200000   128.4   P2p
Fa0/21          Root FWD 200000   128.23  P2p
Fa0/23          Altn  BLK 200000   128.25  P2p


MST1
 Spanning tree enabled protocol mstp
 Root ID   Priority   24577
           Address    e8ba.70b5.6c00
           Cost     200000
           Port       23 (FastEthernet0/21)
           Hello Time   2 sec  Max Age 20 sec  Forward Delay 15 sec
 Bridge ID  Priority   32769  (priority 32768 sys-id-ext 1)
           Address    e8ba.70e1.d980
           Hello Time   2 sec  Max Age 20 sec  Forward Delay 15 sec
Interface       Role Sts Cost     Prio.Nbr Type
------------------- ---- --- -------- -------- --------------------------------
Fa0/1           Desg FWD 200000   128.3   P2p
Fa0/21          Root  FWD 200000  128.23  P2p
Fa0/23          Altn  BLK 200000   128.25  P2p

MST2
 Spanning tree enabled protocol mstp
 Root ID   Priority   24578
           Address    e8ba.70b5.7180
           Cost     200000
           Port       25 (FastEthernet0/23)
           Hello Time   2 sec  Max Age 20 sec  Forward Delay 15 sec
 Bridge ID  Priority   32770  (priority 32768 sys-id-ext 2)
           Address    e8ba.70e1.d980

Interface       Role Sts Cost     Prio.Nbr Type
------------------- ---- --- -------- -------- --------------------------------
Fa0/2           Desg FWD 200000   128.4   P2p
Fa0/21          Altn BLK 200000   128.23  P2p
Fa0/23          Root FWD 200000   128.25  P2p

S78# show spanning-tree mst

##### MST0    vlans mapped:  1-69,71-79,81-4094
Bridge      address e8ba.70e1.d980  priority    32768 (32768 sysid 0)
Root        address e8ba.70b5.6c00  priority    32768 (32768 sysid 0)
            port  Fa0/21       path cost    0
Regional Root address e8ba.70b5.6c00  priority    32768 (32768 sysid 0)
                   internal cost 200000   rem hops 19
Operational   hello time 2, forward delay 15, max age 20, txholdcount 6
Configured    hello time 2, forward delay 15, max age 20, max hops   20

Interface       Role Sts Cost     Prio.Nbr Type
--------------- ---- --- -------- -------- --------------------------------
Fa0/1           Desg FWD 200000   128.3   P2p
Fa0/2           Desg FWD 200000   128.4   P2p
Fa0/21          Root FWD 200000   128.23  P2p
Fa0/23          Altn BLK 200000   128.25  P2p

##### MST1    vlans mapped:  70
Bridge      address e8ba.70e1.d980  priority    32769 (32768 sysid 1)
Root        address e8ba.70b5.6c00  priority    24577 (24576 sysid 1)
            port  Fa0/21       cost     200000   rem hops 19
```

```
Interface        Role Sts Cost      Prio.Nbr Type
---------------- ---- --- --------- -------- ----------------------------------
Fa0/1            Desg FWD 200000     128.3   P2p
Fa0/21           Root FWD 200000     128.23  P2p
Fa0/23           Altn BLK 200000     128.25  P2p


##### MST2   vlans mapped:  80
Bridge      address e8ba.70e1.d980  priority    32770 (32768 sysid 2)
Root        address e8ba.70b5.7180  priority    24578 (24576 sysid 2)
            port   Fa0/23      cost        200000   rem hops 19
Interface        Role Sts Cost      Prio.Nbr Type
---------------- ---- --- --------- -------- ----------------------------------
Fa0/2            Desg FWD 200000     128.4   P2p
Fa0/21           Altn BLK 200000     128.23  P2p
Fa0/23           Root FWD 200000     128.25  P2p
```

A. VLAN 1

B. VLAN 70

C. VLAN 80

D. VLANs 1, 70, and 80

E. VLANs 1 and 70

F. VLANs 1 and 80

G. VLANs 70 and 80

Correct Answer: C

QUESTION 5

Which four statements about REP configurations on a Cisco ME 3400 switch port are true? (Choose four.)

A. The port must be an NNI type and must be in trunk mode.

B. Use the rep segment number command to enable REP on the switch port.

C. A REP segment cannot be wrapped into a ring topology. REP supports only a topology where each REP segment has two exit points via two edge switches.

D. The port where the segment terminates is called the edge port.

E. With REP, at least one port is always blocked in any given segment-that is, the alternate port.

F. If a failure occurs within the segment, the blocked port goes to the forwarding state after it goes through the listening state and the learning state.

Correct Answer: ABDE

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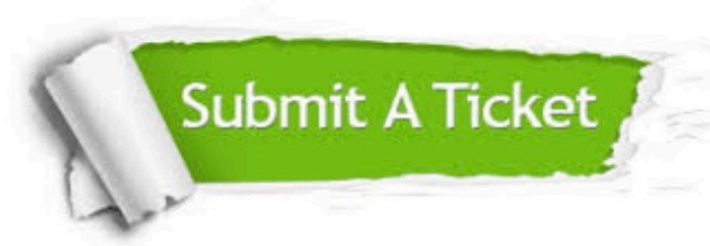Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

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