Vendor: Cisco

Exam Code: 300-165

Exam Name: Implementing Cisco Data Center Infrastructure (DCII)

Question 175—Question 185

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QUESTION 175
Which option accurately describes the implementation of Fabre Channel domain IDs?

A. Are assigned on a peer-switch basis
B. Are assigned on a per-line card basis
C. Must be the dame on all on the Fabre Channel switch in the fabric
D. Must be unique on all the Fibre Channel switches in the fabric

Answer: A

QUESTION 176
Refer to the exhibit. Which option is expected outcome on the configured switch?

Switch(config)# snmp-server user all enforcePriv

A. The switch enforces SNMP message encryption for all users
B. The switch responds with an authorization error for any SNMPv3 PDU requests that use a

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security level parameter.

C. SNMP requires encryption for all incoming requests
D. The switch enforces SNMP message encryption for the user all.

Answer: C

QUESTION 177
You have a vPC configuration with two functional peers. The peer link is up and the peer-link feature is restricted the spanning-tree operations in the configuration? (Choose two)

A. The primary and secondary switch generate and process BPDUs
B. vPC imposes a rules that the peer link is always blocking
C. vPC removes some VLANs from the spanning tree form the spanning tree for vPC use
D. vPC requires the peer link to remain in the forwarding states.

Answer: AD

QUESTION 178
You have a Cisco MDS switch that uses port channel. You must ensure that frames between the source and the destination follow the same links for a specific flow. Subsequent flows can use a different link, which load-balancing method do you use?

A. Source-destination-ip
B. Source-destioation-port
C. Flow
D. Source id-destination id-oxid

Answer: C

QUESTION 179
Within the vPC configuration of the 7K's, the command peer switch is configured. What is the result of enabling the command?

A. Both vPC peers use the same STP root ID.
B. The Vpc primary switch (7k-4 in this case) also serves as the STP root to improve vPC convergence.

C. The vPC secondary switch (7k-3 in this case) server as the STP root to improve vPC performance

D. Allow 7k-3 to act as the active HSRP gateway for packets that are addressed to the MAC address of 7K-4

E. Automatically disable IP redirects on all interface VLANs mapped over a vPC VLAN to avoid generation of IP redirect messages for packets switched though the vPC peer gateway router

F. Enable faster convergence of ARP tables after the vPC peer link flaps. 9999

Answer: B

QUESTION 180
Refer to the exhibit. Which result of the configuration snippet is true?

```
Vlan access-map map
      Match mac address acl01
      Action forward
  Statistics per-entry
Vlan filter map vlan-list
```

A. A VACL map in applied to VLAN 101 and VLAN 200
B. VACL acl is applied to VLAN 100 through 200
C. Acl is applied to all of the VLANs on the switch
D. Global statistics are provided for the ACL map

Answer: A

QUESTION 181
Refer to the exhibit. You have a Cisco Nexus 7010 switch namedN7k-1.

```
N7k-1# show runing-config fabricpath
...
Fabricpath switch-id 11
Vpc domain 11
   Fabricpath switch-id 1100
```
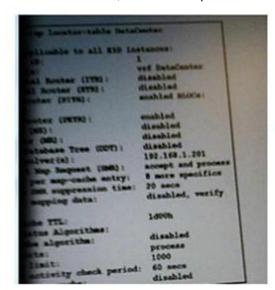
Which command set should you run on a neighboring Cisco Nexus 7010 swith to estabish a vPC+ environment that includes N7k-1?

A. Fabricpath switch-id 11 Vpc domain 11 Fabricpath switch-id 1100
B. Fabricpath switch-id 12 Vpc domain 11 Fabricpath switch-id 1100
C. Fabricpath switch-id 12 Vpc domain 11 Fabricpath switch-id 1200
D. Fabricpath switch-id 11 Vpc domain 12 Fabricpath switch-id 1101

Answer: A

QUESTION 182
Refer to the exhibit, Which description of the output is true?

A. The default map-catch limit is used.
B. PETR is disable
C. The table output apply to the default VRF
D. The switch acts as an IPv4 LISP ETR

Answer: B

QUESTION 183
When configure HSPR on IPv6 enabled interface, which two configuration is correct?

A. switchA{config-if)?standbyt 6 preempt
B. switchA(config-if)?hsrp<;group-numbe>;
C. switchA(config-if)ff key 6
D. switchA{config-if)?hsrp version 2
E. switchA{config-if)B priority <level>

Answer: B

QUESTION 184
You have a Cisco FabricPath network. You must implement Vpc+ for a downstream switch. Which three actions should you preform? (Choose three)

A. Configure the upstream switch to use PAgP in EtherChannel
B. Establish a peer link between the peer switch
C. Connect the downstream switch to a 10-Gb port
D. Configure a peer keep alive between the peer switches
E. Configure the switch ID on the peer switches
F. Configure the down switch to use PAgP on EtherChannel

Answer: BCD

QUESTION 185
You have a Cisco Fabric Path network, you must extend the network to support more than 18 million segment, what should you do?

A. Enable the interface feature and configure the VLAN IDs
B. Enable the nv overlay feature and configure the segment IDs
C. Enable the vn-segment-vlan-based feature and configure segment IDs
D. Enable the FabricPath feature and configure the VLAN IDs.

Answer: D
Explanation:
https://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-series-switches/white-paper-c11-737022.html