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QUESTION 1

Which Cisco Nexus 1000v Switch CLI command is used to verify the connection between the Cisco Nexus 1000v Series Switch and VMware?

- A. show module
- B. show svcs domain
- C. show svd domain
- D. show svcs connections
- E. show svd console

Correct Answer: D

QUESTION 2

Refer to the exhibit. Which statement about this output from two different switches is true?

```
Switch1# show zone status
VSAN: 1 default-zone: deny distribute: active only Interop: default
mode: basic merge-control: allow session: none
hard-zoning: enabled
Default zone:
qos: low broadcast: disabled ronly: disabled
Full Zoning Database :
Zonesets:5 Zones:18 Aliases: 11
Active Zoning Database :
Name: ZoneSet1 Zonesets:1 Zones:2

Switch2# show zone status
VSAN: 1 default-zone: permit distribute: active only Interop: default
mode: basic merge-control: allow session: none
hard-zoning: enabled
Default zone:
qos: low broadcast: disabled ronly: disabled
Full Zoning Database :
Zonesets:5 Zones:18 Aliases: 11
Active Zoning Database :
Name: ZoneSet1 Zonesets:1 Zones:2
```

- A. Based on this exhibit, a zone merge problem will not occur, but a warning is generated that indicates that some minor differences in the zone set exist.
- B. There is no way to tell if a zone merge problem will be encountered with just the current display. Additional commands will need to be performed in order to determine if a problem exists.
- C. Based on this exhibit, a zone merge problem will occur.
- D. This exhibit shows no problem. No zone merge issues occur for VSAN 1 based on the current displays.

Correct Answer: B



QUESTION 3

Which two statements about IP Source Guard are true? (Choose two)

- A. IP Source Guard limits IP traffic on an interface to only those sources that have an IP-MAC address binding table entry or static IP source entry
- B. IP Source Guard requires that DHCP snooping is disabled
- C. When you first enable IP Source Guard on an interface, you may experience disruption in IP traffic until the hosts on the interface receive a new IP address from a DHCP server
- D. By default, IP Source Guard is enabled on all interfaces
- E. IP Source Guard is independent of DHCP snooping to build and maintain the IP-MAC address binding table

Correct Answer: AC

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus1000/sw/4_0_4_s_v_1_2/security/configuration/guide/n1000v_security/n1000v_security_14sourceguard.pdf

QUESTION 4

Which definition of Intelligent Service Card Manager is true?

- A. part of the RISE service that resides on an appliance (for example, Citrix NetScaler) that is responsible for sending Route Health Injection messages to a Cisco Nexus switch
- B. management software to manage provisioning of RISE services on a Cisco Nexus switch
- C. management software to manage Cisco Nexus devices
- D. part of the RISE service that resides on a Cisco Nexus switch that is responsible for handling tasks related to receiving Route Health Injection messages from appliances and programming those routes in the universal routing information base
- E. part of the RISE service that is responsible for establishing initial connectivity with remote appliances (for example, Citrix NetScaler)

Correct Answer: A

QUESTION 5

Which option is a valid overlay interface configuration and configures the OTV edge device as a secondary OTV adjacency server?

- A. interface Overlay 1 otv join-interface e 101/1/48 otv adjacency-server secondary otv use-adjacency-server primary 10.1.1.1 otv extend-vlan 5-10



B. interface Overlay 1 otv join-interface e1/2 otv adjacency-server unicast-only otv use-adjacency-server 10 111 unicast-only otv extend-vlan 5-10

C. interface Overlay 1 otv join-interface e101/1/48 otv adjacency-server unicast-only otv use-adjacency-server 10 1.1 1 unicastonly otv extend-vlan 5-10

D. interface Overlay 1 otv join-interface e1/2 otv use-adjacency-sen/er 10.1 1 1 10.1.1 2 otv extend-vlan 5-10

Correct Answer: B

QUESTION 6

In which location can device package logs be found?

A. /data//logs

B. /data/device script/logs

C. /var/sysmgr/tmp_logs//logs

D. /data/device script//logs

E. /var/logs/dme/log//logs

Correct Answer: D

QUESTION 7

Which option lists the goals of LISP?

A. Redirection, scalability , optimized routing , client independence, address family agnostic

B. Redirection, scalability , OTV replacement , client independence, address family agnostic

C. Redirection, scalability , optimized routing, client independence, address family agnostic , BGP replacement

D. Redirection, scalability , optimized routing, client independence, address family agnostic , Layer 4 routing

Correct Answer: A

https://www.cisco.com/c/dam/en/us/products/collateral/ios-nx-os-software/locator-id-separatio n-protocol-lisp/lisp-vm_mobility_wp.pdf

QUESTION 8

Refer to the exhibits. Which network script automation option or tool is used in the exhibit?



- A. Bash script
- B. Python
- C. NETCONF
- D. REST
- E. Cisco EEM

Correct Answer: B

QUESTION 9

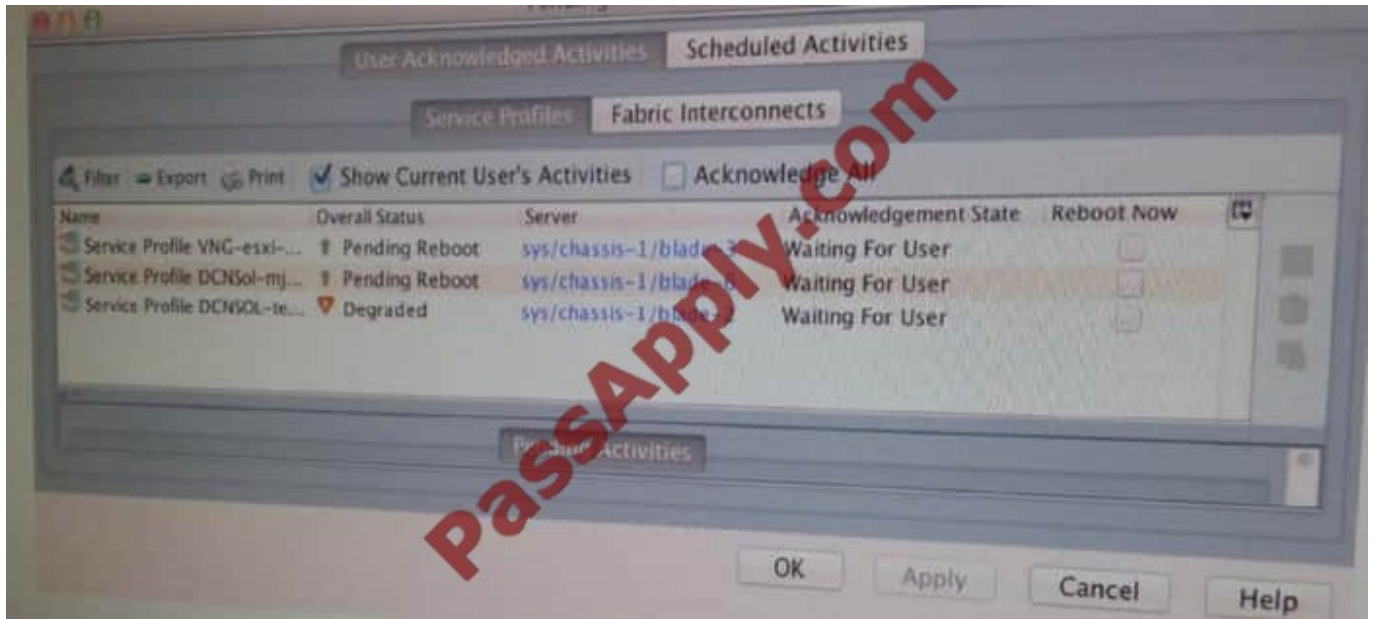
Which two statements about dynamic port binding are true? (Choose 2)

- A. The port is connected when the VM is powered on and disconnected when the VM is powered off.
- B. The port is created when the VM is powered on and destroyed when the VM is powered off.
- C. The max-port limits are enforced.
- D. The max-port limits are not enforced.
- E. The port is always connected.

Correct Answer: AC

QUESTION 10

Refer to the exhibit. Which statement is not true?



- A. Chassis 1 in blade 2 has a major fault.
- B. Those service profiles have a user acknowledge maintenance policy configured.
- C. If you check Acknowledge all and click apply, the blades reload.
- D. Any user can acknowledge the reload.

Correct Answer: D

QUESTION 11

Which two options are common PTP device types? (Choose two)

- A. transparent clock
- B. sundials
- C. crystal clock
- D. network clock
- E. boundary clock

Correct Answer: AE

QUESTION 12



Assume that `ucsd-dcloud.cisco.com` is the correct address of the cisco ucs director server. Which two options are prerequisites to access the cisco ucs director rest api interface? (Choose 2)

- A. Run the `dbgtoken` utility and ask TAC to generate a response cookie.
- B. Submit the `username/password` to `http://ucsd-dcloud.cisco.com/api/access` to obtain session cookie.
- C. Obtain the developer token from Cisco DevNet.
- D. Enable the Developer menu on the Advanced tab of the User information dialog box.
- E. Obtain the REST API Access Key code for the User information dialog box.

Correct Answer: DE

QUESTION 13

When using Overlay Transport Virtualization (OTV), how do L2 multicast frames traverse the overlay?

- A. The L2 multicast frames are encapsulated in an OTV packets using the configured control-group multicast address for transport.
- B. The L2 multicast frames are dropped because multicast cannot be carried across the overlay.
- C. The L2 multicast frames are encapsulated in an OTV packets using the configured data-group multicast address for transport.
- D. The L2 multicast frames are forwarded natively across the overlay based on their multicast IDs.

Correct Answer: C

QUESTION 14

Which two service appliances are supported with the Cisco Nexus 7000 RISE technology? (Choose two)

- A. Cisco Identity Services Engine
- B. External Cisco Prime NAM
- C. Cisco Adaptive Security Appliance
- D. Citrix NetScaler ADC
- E. Cisco Wide Area Application Service appliance

Correct Answer: BD

QUESTION 15



Which language is used to write Cloupai Cscript?

- A. Python
- B. UCS director macro language
- C. JAVA
- D. Javascript

Correct Answer: D

QUESTION 16

Which three statements about the system port profiles are true? (Choose 3)

- A. A system port profile cannot be converted to a port profile that is not a system port profile.
- B. System VLANs cannot be added to a port profile.
- C. In a single ESX host, one VLAN can be a system VLAN on one port but a regular VLAN on another.
- D. A system port profile must be converted to a port profile that is not a system port profile.
- E. The native VLAN on a system port profile cannot be a system VLAN.
- F. A system port profile must be of the Ethernet type because it is used for physical ports

Correct Answer: ACF

QUESTION 17

Which OSPF feature groups LSAs with similar link-state refresh times to allow OSPFv2 to pack multiple LSAs into an OSPFv2 update message?

- A. LSA group pacing
- B. LSA compression
- C. SPF optimization
- D. LSA throttling

Correct Answer: A

QUESTION 18

Which statement about NPV on the Cisco Nexus 5000 series Switches is true?

- A. By default, Cisco Nexus 5000 Series Switches operate in NPV mode. In this mode, the switch provides standard Fibre Channel switching.



B. In NPV mode, each switch that joins a SAN is assigned a domain ID. Each SAN (or VSAN) supports a maximum of 239 domain IDs, so the SAN has a limit of 239 switches.

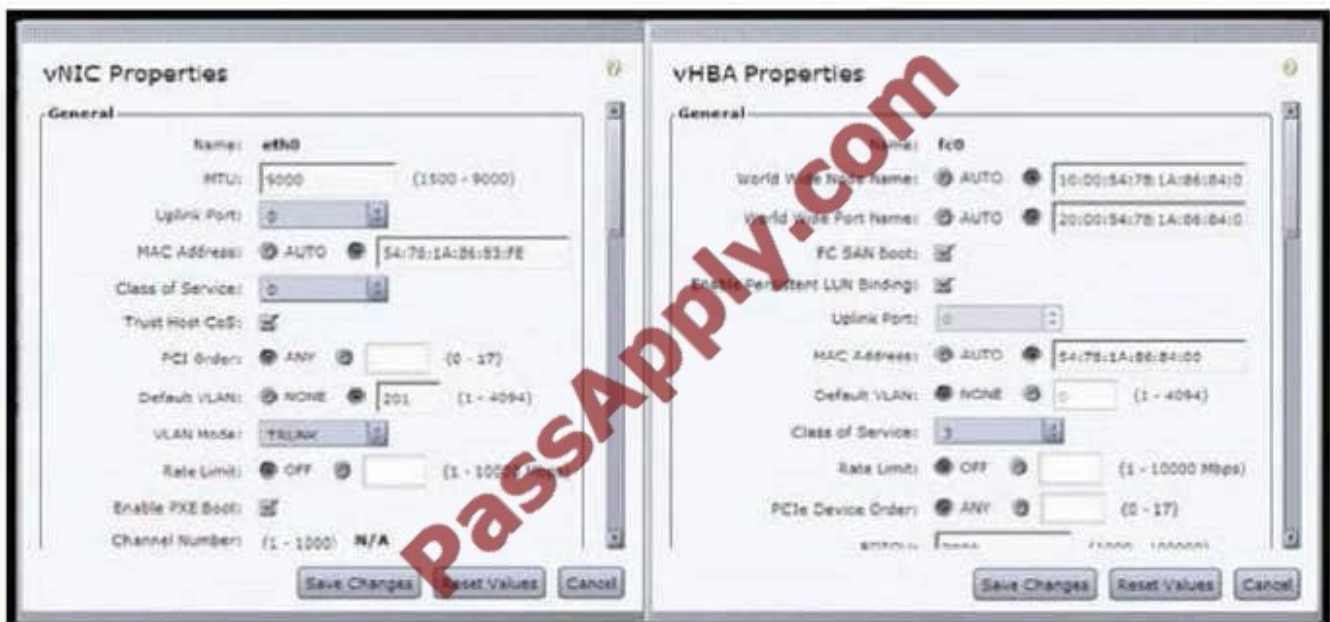
C. In NPV mode, the edge switch relays all traffic from server-side sports to the core switch. The core switch provides TE Port functionality to the downstream NPV switch.

D. In NPV mode, the edge switch appears as a Fibre Channel host to the core switch and as a regular Fibre Channel switch to its connected devices.

Correct Answer: D

QUESTION 19

Refer to the exhibit. You are configuring a UCS C-Series server for SAN boot over FCoE. The server fails to boot after the HBA option ROM loads. Which option describes the most likely solution for this problem?



- A. Decrease the Vnic MTU.
- B. Set the Vnic Class of Service to a nonzero value.
- C. Set the default VLAN to FCoE VLAN.
- D. Set the Vhba Class of Service to 2.
- E. Uncheck the PXE Boot option.
- F. Disable Persistent LUN Binding.

Correct Answer: C



QUESTION 20

You want to make 80 Gbps of bandwidth available to your Redhat Servers. Which two statements are true? (Choose 2)

- A. Install 2204 IOMs, VIC1240 CNAs, fabric Extenders, and create four vnics mapped to each fabric.
- B. Install 2208 IOMs, VIC1280 CNAs, fabric Extenders, and create four vnics mapped to each fabric.
- C. Install 2208 IOMs, VIC1280 CNAs, fabric Extenders, and create eight vnics mapped to each fabric.
- D. Install 2204 IOMs, VIC1280 CNAs, fabric Extenders, and create four vnics mapped to each fabric.
- E. Install 2204 IOMs, VIC1280 CNAs, and create four vnics mapped to each fabric.
- F. Install 2204 IOMs, VIC1240 CNAs, and create four vnics mapped to each fabric.

Correct Answer: CF

QUESTION 21

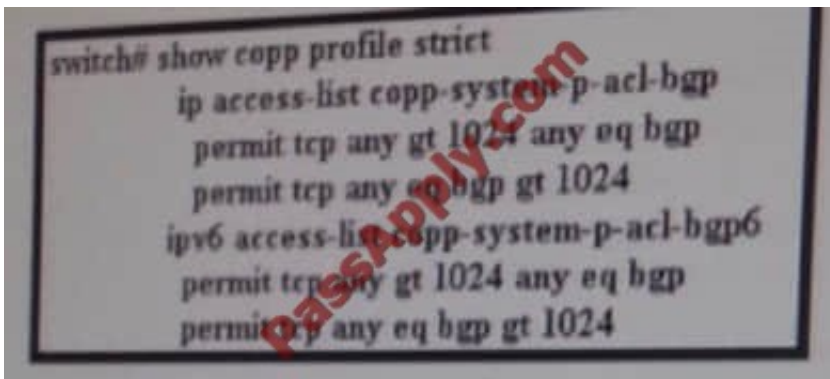
In a Cisco APC environment, which option best describes "contracts"?

- A. to determine endpoint group membership status
- B. a Layer 3 forwarding domain
- C. a set of interaction rules between endpoint groups
- D. named groups of related endpoints

Correct Answer: C

QUESTION 22

Refer to the exhibit. Which three levels of protection for the CoPP policy option from the initial setup utility are valid (Choose 3)



- A. lenient
- B. major



- C. none
- D. minor
- E. aggressive
- F. moderate

Correct Answer: ACF

QUESTION 23

Which programming language is used to write custom workflow code in Cisco UCS Director?

- A. Python
- B. Java script
- C. Java
- D. Bash script

Correct Answer: B

QUESTION 24

Which feature must be enabled on the upstream Fibre Channel switch if the fabric interconnect is configured in end-host mode?

- A. NPV
- B. NPIV
- C. Zoning
- D. Smart Zoning

Correct Answer: B

QUESTION 25

Which two statements about VLAN trunking Protocol are true? (Choose two)

- A. On Cisco Nexus switches, VLAN Trunking Protocol is enabled by default.
- B. VLAN Trunking Protocol is only supported on Layer 2 trunk interfaces
- C. Layer 2 trunk interfaces, Layer 2 port channels , and virtual port channels support VLAN Trunking Protocol functionality.



D. VLAN Trunking Protocol is a Layer 2 messaging protocol that maintains VLAN consistency by managing the addition, deletion, and renaming of VLANs within a VLAN Trunking Protocol domain.

E. VLAN Trunking Protocol is a Layer 2 messaging protocol that maintains the interface VLAN configuration within a VLAN Trunking Protocol domain.

Correct Answer: CD

QUESTION 26

Which two statements about the ACI BGP route reflector policy are true? (Choose two)

A. The BGP route reflector policy is configured under Fabric > Access Policies

B. Configuring route reflectors requires designating spines as route reflectors and providing the AS number

C. The ACI Fabric route reflectors use multiprotocol BGP to distribute external routes within the fabric

D. Route reflectors need not configure connectivity to external networks, but slight performance degradation can occur between border leaf and compute node leafs

E. The BGP route reflector domain policy autonomous system number is configured during initial the APIC setup script, but it can be modified afterward

Correct Answer: BC

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c07-732033.html>

QUESTION 27

After configuring Fabric Path, the following message appears in the syslog:

```
%STP-2-L2GW_BACKBONE_BLOCK: L2 Gateway Backbone port inconsistency blocking port- channel100 on Vlan0010.
```

What is a possible reason for this message?

A. Spanning tree must be disabled, and the message indicates that STP is enabled.

B. STP is misconfigured. The root guard must be disabled.

C. An inferior BPDU was received on a Cisco Fabric Path edge port

D. A superior BPDU was received on a Cisco Fabric Path edge port

Correct Answer: D

QUESTION 28



Which four types of tables does Cisco vPath Maintain, which are crucial for its operations to classify and redirect traffic flows to enforce service policies? (choose 4)

- A. MAC table
- B. Service node table
- C. Forwarding table
- D. Group table
- E. Path table
- F. Adjacency table
- G. Flow table
- H. Service table

Correct Answer: BEGH

QUESTION 29

Where are domains placed when they are initially registered with Cisco UCS Central?

- A. Registered domains.
- B. Ungrouped domains.
- C. Discovered domains
- D. Acknowledged domains.

Correct Answer: B

QUESTION 30

In which default state are all Cisco UCS Fabric Interconnect Ethernet ports configured?

- A. uplink port
- B. unconfigured port
- C. disabled port
- D. trunk port
- E. access port

Correct Answer: B

https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/gui/config/guide/141/UCSM_GUI_Configuration_Guide_141_chapter5.html



QUESTION 31

Drag and drop me concept of Cisco UCS Director orchestrator from the left onto the correct description on the right.

Select and Place:

Task	A series of tasks arranged to automate a complex operation. It can contain at least one task, or any number of tasks as needed
workflow	An atomic unit of work in cisco UCS director orchestrator. It is a single action or operation with inputs and outputs
Service request	A "GATE" tasks that requires the intervention of cisco UCS director user to allow a workflow to run to completion. This user is typically an administrator who has go/no-go authority over the workflow process
approval	Created every time you execute a workflow in cisco UCS Director. It is a process under the control of cisco UCS director

Correct Answer:

	workflow
	Task
	approval over the workflow process
	Service request

QUESTION 32

A vPC Stretched from two leaf switches up to an ASA Firewall. You are configuring the VPC as an L3OUT interface in a Cisco ACI Fabric. Howcos the Layer 3 Configuration applied?

- A. Each link must be configured as a Layer 2 link.
- B. The VPC configuration itself must be seen as a Layer 2 Portchannel stretching over two devices. A subinterface in the port channel configuration of the VPC must be configured as both the ends on the VPC.
- C. A separate SVI must be configured in the ACI fabric and the VLAN of the SVI must be allowed on the VPC trunk



configuration.

D. Each endpoint of the VPC must be configured with an IP address in the same range.

Correct Answer: C

QUESTION 33

Which standard REST API method allows you to create a managed object?

A. POST

B. GET

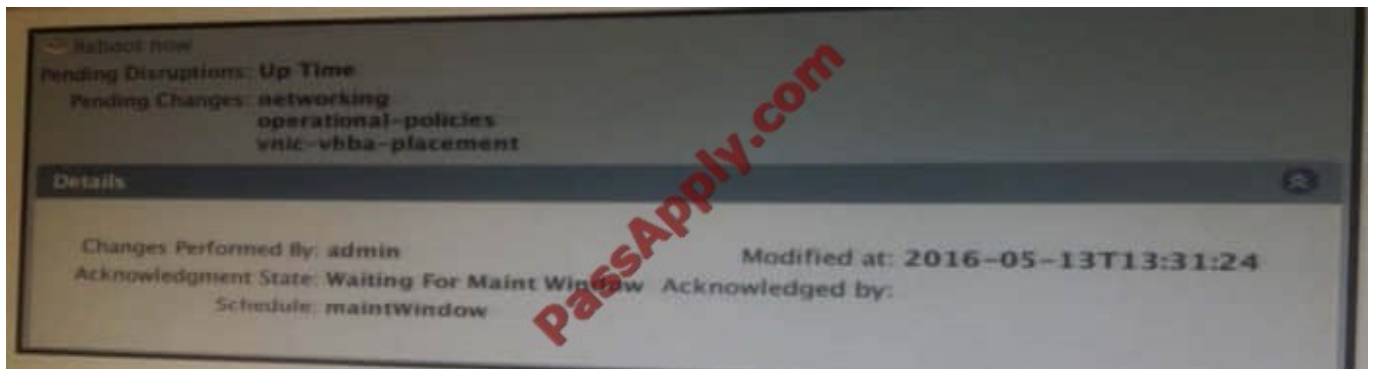
C. PATCH

D. SET

Correct Answer: A

QUESTION 34

Refer to the exhibits. Which option describes when this server reboots?



A. When the vnic/vhba placement is changed.

B. When the user acknowledges the reboot

C. Immediately after the next change.

D. When the schedule is set to occur.

Correct Answer: A

QUESTION 35



You want to move one of your leaf switches connecting to your ACI fabric to another rack. It will be reconnected to the same fabric after the move. Which operations must you perform before the move?

- A. Decommission the switch and remove from the controller
- B. Decommission the switch
- C. Blacklist the ports
- D. Disable the interfaces

Correct Answer: B

QUESTION 36

Which two benefits do VXLANs offer compared to VLANs? (Choose two)

- A. It provides better utilization of available network paths in the overlay infrastructure
- B. VXLAN uses a 24-bit VNID to overcome the 4094 VLAN scale limitation
- C. It provides a solution to extend Layer 2 segments over a shared Layer 3 routed network
- D. VXLAN uses a 16-bit VNID to overcome the 4094 VLAN scale limitation
- E. It provides a solution to extend Layer 2 segments over a single Layer 2 VLAN

Correct Answer: BC

QUESTION 37

Which two parameters must be identical per interface while configuring virtual port channels? (Choose two)

- A. network access control
- B. Bridge Assurance setting
- C. maximum transmission unit
- D. Protocol Independent Multicast
- E. IP Source Guard

Correct Answer: BC



QUESTION 38

Refer to the exhibit. Which statement about VPC member ports on this switch is true?

```
# show vpc
Legend:
      (+) - local vPC is down, forwarding via vPC peer-link

vPC domain id          : 300
vPC+ switch id        : 333
Peer status            : peer adjacency formed ok
vPC keep-alive status  : Suspended (Destination IP not reachable)
vPC fabricpath status  : peer is reachable through fabricpath
Configuration consistency status : success
Per-vlan consistency status : success
Type-2 consistency status : failed
Type-2 inconsistency reason : QoS Mgr Network QoS configuration incompatible
vPC role               : secondary, operational primary
Number of vPCs configured : 1
Peer Gateway           : Disabled
Dual-active excluded VLANs : -
Graceful Consistency Check : Enabled
Auto-recovery status   : Enabled (timeout = 240 seconds)
```

- A. VPC ports are error disabled.
- B. VPC ports are suspended.
- C. Only Orphan ports stay operational.
- D. VPC port status remains unchanged.

Correct Answer: D

QUESTION 39

Which two FEX connection modes are correct? (Choose 2)

- A. hard-pinning mode
- B. soft-pinning mode
- C. port channel mode



D. physical-pinning mode

E. vlan pinning mode

Correct Answer: AC

QUESTION 40

Which way to configure a redundant rendezvous point for BIDIR multicast are valid?

A. phantom RP

B. anycast RP

C. auto RP

D. MSDP

Correct Answer: A

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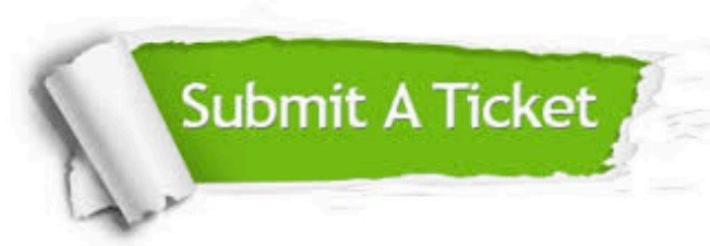
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