Cisco

Exam Questions 300-165
DCII Implementing Cisco Data Center Infrastructure (DCII)
NEW QUESTION 1
Which option describes the atomic rollback feature in Cisco NX-OS?

A. Rollback is implemented only if no errors occur.
B. Rollback is implemented and any errors are skipped.
C. Rollback is implemented and stops if an error occurs.
D. Rollback is implemented instantly and there is no option to cancel the operation if errors are encountered.

Answer: A

NEW QUESTION 2
On a Cisco Nexus 7000 Series router, which statement about HSRP and VRRP is true?

A. When VDCs are in use, only VRRP is supported.
B. HSRP and VRRP both use the same multicast IP address with different port numbers.
C. HSRP has shorter default hold and hello times.
D. The VRRP group IP address can be the same as the router-specific IP address.

Answer: D

Explanation:
VRRP allows for transparent failover at the first-hop IP router by configuring a group of routers to share a virtual IP address. VRRP selects a master router in that group to handle all packets for the virtual IP address. The remaining routers are in standby and take over if the master router fails. Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5_x/nxos/unicast/configuration/guide/l3_cli_nxos/l3_vrrp.html

NEW QUESTION 3
What is the status of FC interface associated with ethernet 1/5 indicate?

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NEW QUESTION 4
What are two ways to configure the switch ID for Cisco FabricPath? (Choose two.)

A. manually by using the vPC domain configuration
B. manually by using global configuration mode
C. dynamically by using the POAP protocol
D. dynamically by using the DRAP protocol
E. dynamically by using the SNMPv2 protocol

Answer: BD

NEW QUESTION 5
When configuring PIM to support an OTV implementation, Which PIM configuration is supported in Cisco NX-OS?

A. Switch(config-if)#ip pim ssm default
B. switch(config-if)#ip pim sparse-mode
C. Switch(config-if)#ip pim sparse-mode
D. Switch(config-if)#ip pim sparse-dense-mode

Answer: B

Explanation:

NEW QUESTION 6
Refer to the exhibit.

You have a Cisco Nexus 7010 switch named N7k-l
Which command set should you run on a neighboring Cisco Nexus 7010 switch to establish a vPC+ environment that includes N7k-l?

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 11 vpc domain 11 fabricpath switch-id 1200
D. fabricpath switch-id 11 vpc domain 12 fabricpath switch-id 1101
NEW QUESTION 7
Refer to Exhibit.

Which statement is true about the impact to login requests on a Cisco NX-OS switch that uses this configuration.

A. Hosts in the ACL are denied after 10 failed login attempts occur within 180 seconds.
B. Hosts in the ACL are allowed after 10 failed login attempts occur within 180 seconds.
C. All hosts are denied if 10 failed login attempts from hosts in the ACL occur in 180 seconds.
D. Hosts outside the ACL are allowed if more than 10 failed login attempts occur

Answer: D

NEW QUESTION 8
Which GLBP load-balancing algorithm ensures that a client is always mapped to the same VMAC address?

A. vmac-weighted
B. dedicated-vmac-mode
C. shortest-path and weighting
D. host-dependent

Answer: D

Explanation:
Host dependent—GLBP uses the MAC address of the host to determine which virtual MAC address to direct the host to use. This algorithm guarantees that a host gets the same virtual MAC address if the number of virtual forwarders does not change.

NEW QUESTION 9
When a local RBAC user account has the same name as a remote user account on an AAA server, what happens when a user with that name logs into a Cisco Nexus switch?

A. The user roles from the remote AAA user account are applied, not the configured local user roles.
B. All the roles are merged (logical OR).
C. The user roles from the local user account are applied, not the remote AAA user roles.
D. Only the roles that are defined on both accounts are merged (logical AND).

Answer: C

Explanation:
If you have a user account configured on the local Cisco NX-OS device that has the same name as a remote user account on an AAA server, the Cisco NX-OS software applies the user roles for the local user account to the remote user, not the user roles configured on the AAA server.

NEW QUESTION 10
Which Cisco Nexus feature is best managed with DCNM-SAN?

A. VSS
B. domain parameters
C. virtual switches
D. AAA

Answer: B

Explanation:
The Fibre Channel domain (fcDomain) feature performs principal switch selection, domain ID distribution, FC ID allocation, and fabric reconfiguration functions as described in the FC-SW-2 standards. The domains are configured on a per VSAN basis. If you do not configure a domain ID, the local switch uses a random ID. This section describes each fcDomain phase:
• Principal switch selection — This phase guarantees the selection of a unique principal switch across the fabric.
• Domain ID distribution — This phase guarantees each switch in the fabric obtains a unique domain ID.
• FC ID allocation — This phase guarantees a unique FC ID assignment to each device attached to the corresponding switch in the fabric.
• Fabric reconfiguration — This phase guarantees a resynchronization of all switches in the fabric to ensure they simultaneously restart a new principal switch selection phase.

NEW QUESTION 11
Which SCSI terminology is used to describe source and destination nodes?

A. hosts and targets
B. initiators and targets
C. HBA and disks
D. initiators and disks

Answer: A

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E. HBA and targets

Answer: B

Explanation:
In computer data storage, a SCSI initiator is the endpoint that initiates a SCSI session, that is, sends a SCSI command. The initiator usually does not provide any Logical Unit Numbers (LUNs).
On the other hand, a SCSI target is the endpoint that does not initiate sessions, but instead waits for initiators' commands and provides required input/output data transfers. The target usually provides the initiators one or more LUNs, because otherwise no read or write command would be possible. Reference: http://en.wikipedia.org/wiki/SCSI_initiator_and_target

NEW QUESTION 12
FabricPath switch-id is 25 and load-balance is configured for L3/L4 and rotate amount is 14 byte. What information is true about FabricPath switch-id?
A. FabricPath topology requires manual configuration of switch-id which has a range from 1 to 4095
B. Every FabricPath must have a manually configured switch-id for it to form a FabricPath topology
C. FabricPath topology requires manual configuration of switch-id which has a range from 1 to 4099
D. You do not have to manually assign a switch ID unless you are running a virtual port channel plus (vPC+) because the system assigns a switch ID for you when you enable FabricPath

Answer: D

Explanation:
fabricpath switch-id (vPC)
To configure a virtual port channel plus (vPC+) switch ID, use the fabricpath switch-id command. To remove the FabricPath switch from a vPC domain, use the no form of this command.
fabricpath switch-id switch-id
no fabricpath switch-id [ switch-id ] Usage Guidelines
You do not have to manually assign a switch ID (unless you are running a vPC+); the system assigns a switch ID for you when you enable FabricPath. Note You must assign the same vPC+ switch ID to each of the two vPC+ peer devices before they can form an adjacency.
This command requires an Enhanced Layer 2 license. Examples
This example shows how to configure a vPC+ switch ID on a FabricPath-enabled device: switch# configure terminal
switch(config)# vpc domain 1
switch(config-vpc-domain)# fabricpath switch-id 1
Configuring fabricpath switch id will flap vPCs. Continue (yes/no)? [no]

NEW QUESTION 13
Refer to the exhibit.

This multilayer Cisco Nexus switch had been the active virtual gateway for Group 1 before it became temporarily unavailable. What will happen to GLBP Group 1 when this device becomes available again?

A. The currently active router remains active.
B. It depends on the priority value that is configured active on the router.
C. The Cisco Nexus switch becomes the active virtual gateway after 600 seconds.
D. It depends on the weighting values that are configured active on the router.
NEW QUESTION 14
Which protocol is responsible for the discovery of FCoE capabilities on a remote switch?

A. DCE  
B. DCBx  
C. CDP  
D. LLDP

Answer: B

Explanation:
Data Center Bridging Capabilities Exchange Protocol (DCBX): a discovery and capability exchange protocol that is used for conveying capabilities and configuration of the above features between neighbors to ensure consistent configuration across the network. This protocol leverages functionality provided by IEEE 802.1AB (LLDP). It is actually included in the 802.1az standard. Reference: http://en.wikipedia.org/wiki/Data_center_bridging

NEW QUESTION 15
Which two statements about SAN zoning on Cisco Nexus switches are true? (Choose two.)

A. Zoning is enforced by examining the destination ID field.  
B. Devices can only belong to one zone.  
C. Only one zone set can be activated at any time.  
D. A zone can only be a member one zone set.  
E. Zoning must be administered from the primary SAN switch in the fabric.  
F. Zone configuration changes are nondisruptive

Answer: CF

Explanation:
A zone set can be activated or deactivated as a single entity across all switches in the fabric. Only one zone set can be activated at any time. If zoning is not activated, all devices are members of the default zone. If zoning is activated, any device that is not in an active zone (a zone that is part of an active zone set) is a member of the default zone. Zoning can be administered from any switch in the fabric. When you activate a zone (from any switch), all switches in the fabric receive the active zone set. Additionally, full zone sets are distributed to all switches in the fabric, if this feature is enabled in the source switch. Reference: http://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/sanos/quick-guide/qcg_zones.html

NEW QUESTION 16
DRAG DROP
VSANs and SAN Zoning have similar security goals, but also have different qualities. Drag the characteristic on the left to the appropriate column heading (VSAN or Zoning) on the right.

<table>
<thead>
<tr>
<th>VSANs</th>
<th>Zoning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limits broadcast traffic</td>
<td>Limits broadcast traffic</td>
</tr>
<tr>
<td>Endpoints can only belong to one</td>
<td>Endpoints can belong to multiple</td>
</tr>
<tr>
<td>Shared read and name space</td>
<td>Shared read and name space</td>
</tr>
<tr>
<td>Endpoints belong to multiple</td>
<td>Endpoints belong to multiple</td>
</tr>
</tbody>
</table>

A. Mastered  
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 17
Which Cisco NX-OS feature allows transparent Layer 2 extension between sites?

A. FabricPath  
B. ETV  
C. OTV  
D. vPC  
E. LISP  
F. TrustSec

Answer: C

NEW QUESTION 18
Which two options are limitations of NetFlow Version 5? (Choose two.)

A. no support for IPv6, Layer 2, or MPLS fields  
B. fixed field specifications  
C. excessive network utilization  
D. analyzes all packets on the interface

Answer: AB

NEW QUESTION 19
Which command specifies a load-balancing method based on the MAC address of a host where the same forwarder is always used for a particular host while the number of GLBP group members remains unchanged?

A. load-balancing host-dependent  
B. load-balancing mac-pinning  
C. load-balancing round-robin  
D. load-balancing weighted

Answer: A

NEW QUESTION 20
Which three types of interfaces are required when implementing VXLAN on a Cisco Nexus 9000 Series Switch? (Choose three.)

A. overlay  
B. NVE  
C. management  
D. Ethernet  
E. ACI  
F. loopback

Answer: BDF
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