Exam Questions 300-610

Designing Cisco Data Center Infrastructure (DCID)

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NEW QUESTION 1
Drag the requirements from the left onto the correct policy types on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 2
What influences the number of ISLs that are required between Cisco MDS Series switches?

A. FCoE protocol
B. type of storage
C. end-to-end oversubscription ratio
D. N Port virtualization

Answer: C

NEW QUESTION 3
Which protocol prevents fiber failures from causing a Layer 2 loop in a dark fiber DCI?

A. BFD
B. UDLD
C. MCP
D. LLDP

Answer: B

NEW QUESTION 4

Where does Cisco UCS handle Fibre Channel traffic failover?

A. on a Cisco UCS Fabric Interconnect ASIC in Fibre Channel switching mode
B. on the host, by using multipathing software
C. in the hardware on the Cisco UCS VIC 12xx adapter or later
D. in the hardware on any Cisco UCS VIC adapter

Answer: B

NEW QUESTION 5
What is an advantage of Cisco HyperFlex Edge as compared to Cisco HyperFlex Standard Clusters?

A. Cisco Intersight automatically creates an invisible cloud witness.
B. Cisco UCS 5108 Blade Server chassis provides SEEPROM connectivity to solve split-brain scenarios.
C. Cisco UCS Manager provides service profile portability across nodes.
D. Cisco HyperFlex Edge provides native container support through the KVM hypervisor.

Answer: A

NEW QUESTION 6
Drag and drop the SAN components from the left onto the correct design considerations on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 7
What is the disadvantage of asynchronous storage replication as compared to synchronous storage replication in a disaster recovery design?

A. reduction in application performance
B. distance limitations
C. specific backup requirements
D. potential data loss

Answer: D

NEW QUESTION 8
Which type fields can an engineer use to identify an iSCSI participant? (Choose two.)

A. type
B. preshared key
C. port number
D. identifying tag
E. hostname

Answer: CE

NEW QUESTION 9
Drag and drop the Cisco Nexus 7000 Series Switch resources from the left onto the correct groups on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 10
Drag and drop the components from the left onto the descriptions on the right that indicate what occurs to Fibre Channel fabric when that component fails.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 10
Which address pool is used when a vHBA template is created?

A. MAC
B. WWPN
C. IP
D. UUID

Answer: B

NEW QUESTION 13
Which approach splits a pair of clustered fabric interconnects into two standalone devices?

A. Run the disable fips-mode command on each fabric interconnect.
B. Run the connect local-management command on each fabric interconnect.
C. Erase the configuration of both fabric interconnects.
D. Unplug the Layer 1 and Layer 2 interfaces between the devices.

Answer: D

NEW QUESTION 16
Which two statements describe Ethernet switching mode on Cisco UCS 6100 Series Fabric Interconnects? (Choose two.)

A. STP runs on the uplink ports of each VLAN, as defined by PVSTP+.
B. STP runs on the uplink ports of each VLAN, as defined by MSTP.
C. The STP parameter configuration is unsupported.
D. The STP parameter configuration is supported.
E. STP runs on the server ports.

Answer: AC

NEW QUESTION 17
Drag the appropriate from the left onto the current UDLD modes of operation on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 22
Refer to the exhibit.

An engineer must assign multiple Fibre Channel IDs to a single port channel. Which two features must be enabled this goal? (Choose two.)

A. SAN Pin Groups on the Cisco UCS Fabric Interconnects.
B. NPV feature on the Cisco MDS Series.
C. end-host mode feature on the Cisco UCS Fabric Interconnects
D. NPIV feature on the Cisco MDS Series
E. Smart Zoning feature on the Cisco UCS Fabric Interconnects

Answer: BD

NEW QUESTION 26
An engineer deploys LISP VM mobility. Which feature is configured on the interfaces that have VM mobility enabled?

A. IP redirects
B. flow control
C. proxy ARP
D. HSRP

Answer: C

NEW QUESTION 31
What is a design consideration when implementing FSPF?

A. Routes are based on the domain ID.
B. Routes are based on the distance vector protocol.
C. FSPF runs only on F Ports.
D. FSPF runs on a per-chassis basis.

Answer: A

NEW QUESTION 36
Which pools are used when a vNIC template is created in Cisco UCS Manager?

A. WWPN
B. UUID
C. MAC
D. IP

Answer: C

NEW QUESTION 40
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