# Exam Questions 300-610

Designing Cisco Data Center Infrastructure (DCID)

## https://www.2passeasy.com/dumps/300-610/

**NEW QUESTION 1**
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 2**
Which two types of service profile templates does Cisco UCS support? (Choose two.)

A. initial
B. permanent
C. updating
D. temporary
E. connected

**Answer:** AC


**NEW QUESTION 3**
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 4**
A failure occurs on the network between two BFD and OSPF neighbors. Drag and drop the protocol actions from the left into the correct order on the right.

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**


**NEW QUESTION 5**
Refer to the exhibit.

Which template is used when a vHBA template pair is created for a specific server that inherits its attributes from an existing template?

A. Secondary
B. Initial
C. Updating
D. Primary

**Answer:** B


**NEW QUESTION 6**
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 7**
Which type of encoding is used on 8-Gbps links as compared to 10-Gbps links?

A. 8-Gbps links use 64B/66B encoding, and 10-Gbps links use 8B/10B encoding.
B. 8-Gbps links use 8B/10B encoding, and 10-Gbps links use 64B/66B encoding.
C. 8-Gbps links and 10-Gbps links use 8B/10B encoding.
D. 8-Gbps links and 10-Gbps links use 64B/66B encoding.

**Answer:** B

**NEW QUESTION 8**
An engineer is designing a data center that uses FCIP. How is QoS configured in this environment?

A. A separate DSCP value and CoPP must be configured for all FCIP traffic and another for all of the FCIP in the data connection.
B. A separate DSCP value must be configured for all FCIP VSAN traffic.
C. A separate DSCP value and priority queuing must be configured for all FCIP traffic.
D. Two separate DSCP values must be configured, one of all of the FCIP frames in the control TCP connection and another for all of the FCIP frames in the data connection.

**Answer:** D

**NEW QUESTION 9**
Which feature must be configured to connect a classical Ethernet network to a data center network so that the data center network appears to be one large switch.

A. VPC+
B. UDLD
C. EVPN
D. OSPF

**Answer:** C

**NEW QUESTION 10**
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 data center technologies from the left onto the correct descriptions on the right. Not all technologies are used.

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 14**
What can be implemented on Cisco Nexus 5600 Series Switches for link redundancy within a Fibre Channel fabric?

A. vPC+
B. E-Trunk
C. SAN port channel
D. LACP port channel

**Answer:** D

**NEW QUESTION 15**
Which Ethernet to Cisco Fabric Interconnect connectivity configuration is supported when FCoE is implemented?

A. VSS that has unified uplinks
B. Ethernet and unified ports on the same port channel
C. vPC that has unified uplinks
D. cross-connections with pinning

**Answer:** C

**NEW QUESTION 18**
What are two characteristics of VRF-Lite on the Cisco NX-OS platform? (Choose two.)

A. Layer 3 interfaces can belong to multiple VRFs.
B. VRF-Lite interfaces can be Layer 2.
C. Overlapping IP addresses are permitted on different VRFs.
D. Interfaces that belong to VRFs can be physical or logical.
E. VRF-Lite interfaces support MPLS.

**Answer:** CD

**NEW QUESTION 23**
What is an advantage of using OTV as compared to VPLS for data center redundancy?

A. prevents loops on point-to-point links
B. provides head-end replication

C. uses a proactive MAC advertisement
D. provides full-mesh connectivity

**Answer:** A


## NEW QUESTION 28
What are two functions of a Network Services Orchestrator in an NFV environment? (Choose two.)

A. It operates at the resource-facing services layer and provides overall lifecycle management at the network service level.
B. It provides an API-based northbound interface for transparent integration with systems that operate at the resource-facing services layer.
C. It provides a standards-based southbound interface for transparent integration with systems that operate at the customer-facing services layer.
D. It provides a standards-based northbound interface for transparent integration with systems that operateat the customer-facing services layer.
E. It operates at the customer-facing services layer and provides the management interface for the virtual network devices.

**Answer:** AB


## NEW QUESTION 31
Which address pool is used when a vHBA template is created?

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

**Answer:** B


## NEW QUESTION 33
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 37
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 42
Which two automation requirements can be met by using Puppet? (Choose two.)

A. Push configuration updates immediately to servers.
B. Enable clients to pull changes to configuration files.
C. Enable clients to pull changes without installing an agent.
D. Provide support for writing new modules in Python.
E. Enable one-off infrastructure changes to be performed manually.

**Answer:** AB


## NEW QUESTION 45
Which two naming formats identify target or initiator iSCSI nodes? (Choose two.)

A. WWPN
B. EUI
C. IQN
D. WWN
E. OUI

**Answer:** CD


## NEW QUESTION 49
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 52**
An engineer is designing a Multichassis EtherChannel topology in which two switches must appear as a single device to a third downstream switch? Which two technologies meet this requirement? (Choose two.)

A. HSRP
B. VSS
C. vPC
D. 802.1q
E. FEX

**Answer:** BC

**NEW QUESTION 54**
When planning to deploy a load-balancing service as a managed node, which ACI configuration must be included?

A. BGP ECMP
B. Layer 4 to Layer 7 device package
C. inline load-balancing device
D. ITD

**Answer:** B

**NEW QUESTION 57**
Which factor determines the choice of platform designing a Cisco HyperFlex infrastructure to support computer-aided design applications?

A. network speed
B. GPU support
C. storage capacity
D. processor count

**Answer:** C

**NEW QUESTION 59**
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 63**
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 66**
Which authentication software natively runs within the CLI of Cisco NX-OS devices?

A. Python
B. Ansible
C. Puppet
D. Chef

**Answer:** B


**NEW QUESTION 71**
......

# THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 300-610 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 300-610 Product From:

## https://www.2passeasy.com/dumps/300-610/

# Money Back Guarantee

## 300-610 Practice Exam Features:

* 300-610 Questions and Answers Updated Frequently

* 300-610 Practice Questions Verified by Expert Senior Certified Staff

* 300-610 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 300-610 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year