

## 300-610 Dumps

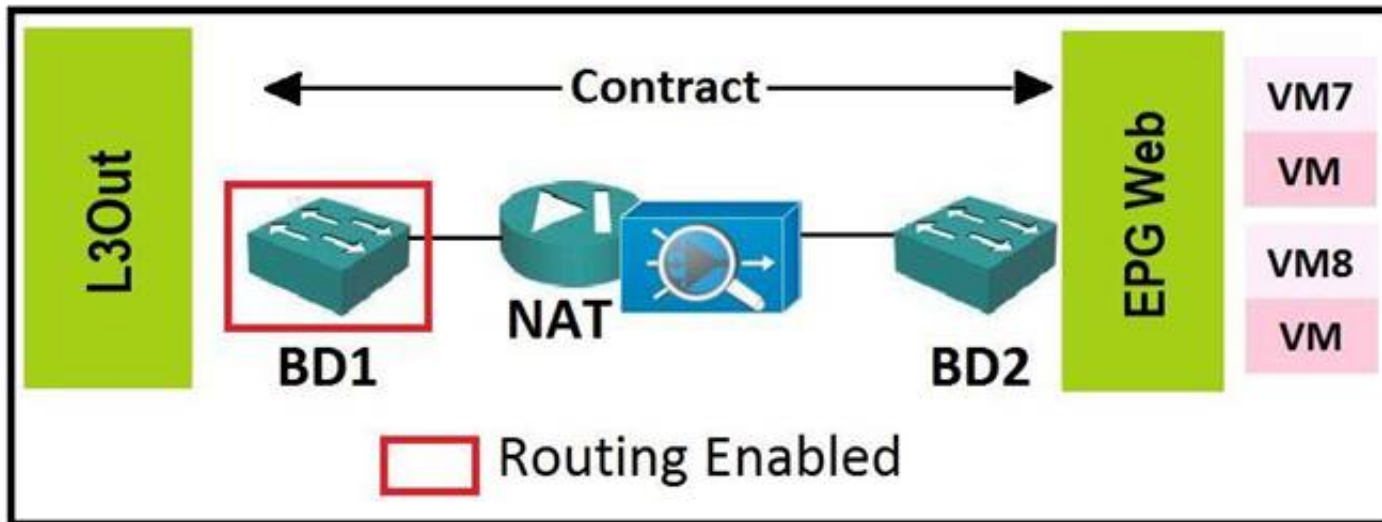
### Designing Cisco Data Center Infrastructure (DCID)

<https://www.certleader.com/300-610-dumps.html>



**NEW QUESTION 1**

Refer to the exhibit.



What must be the default gateway of the servers in EPG Web?

- A. subnet address of BD1
- B. subnet address of L3Out
- C. subnet address of BD2
- D. NAT appliance

**Answer: D**

**NEW QUESTION 2**

Refer to the exhibit.

```
Switch(config-sys-qos)# show policy-map system
Type network-qos policy-maps
=====
policy-map type network-qos system
class type network-qos class-fcoe
match qos-group 1
pause no-drop
mtu 2000
class type network-qos class-default
match qos-group 0
mtu 1500
Service-policy (qos) input: system
policy statistics status: disabled
Class-map (qos) : class fcoe (match-any)
Match : cos 3
set qos-group 1
Class-map (qos) : class-default (match-any)
Match: any
set qos-group 0
```

The FCoE packets fail to be forwarded through the switch. What is the minimum MTU QoS requirement for the FCoE to work?

- A. 9000 bytes
- B. 2000 bytes
- C. 2158 bytes
- D. 2240 bytes

**Answer: B**

**NEW QUESTION 3**

Which feature provides a sandbox to convert NX-OS CLI commands to REST-based scripts on Cisco Nexus 7700 Series Switches?

- A. NX-API
- B. Postman
- C. Bash shell
- D. Guest shell

**Answer: A**

**NEW QUESTION 4**

Which two configuration methods can be used to deploy QoS to Cisco MDS Series switches? (Choose two.)

- A. zone-based QoS
- B. multiple QoS policies that match individual devices
- C. VSAN-based QoS
- D. FCoE VLAN-based QoS
- E. multiple QoS policies that match multiple devices

**Answer:** AC

#### NEW QUESTION 5

Refer to the exhibit.

**Create vHBA Template**

Name :

Description :

Fabric ID : ☒ A ☐ B

Redundancy

Redundancy Type : ☒ No Redundancy ☐ Primary Template ☐ Secondary Template

Select VSAN : default

Template Type : ☒ Initial Template ☐ Updating Template

Max Data Field Size :

WWPN Pool : Select (pool default used by default) ▼

QoS Policy : <not set> ▼

Pin Group : <not set> ▼

Stats Threshold Policy : default ▼

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 orchestration tool provides a graphical interface to manage LAN and SAN fabrics?

- A. Cisco Virtual Topology System
- B. Cisco Data Center Network Manager
- C. Cisco Nexus Fabric Manager
- D. Cisco CloudCenter

**Answer:** B

#### NEW QUESTION 7

A Cisco UCS instance has four interfaces on a UCS VIC. Where on the fabric interconnect does each interface terminate?

- A. vPC
- B. virtual interface
- C. port channel
- D. physical port

**Answer:** B

#### 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

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 10

Drag and drop the technologies from the left onto the correct descriptions on the right.

iSCSI	allows the storage system to tell the client which paths are optimized
TOE	provides block-level access to the storage
MPIO	host software has visibility into different iSCSI ports
ALUA	offloads device CPU from encapsulation / decapsulation

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

iSCSI	ALUA
TOE	iSCSI
MPIO	MPIO
ALUA	TOE

#### NEW QUESTION 10

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 13

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 15

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

Which technology enables Layer 2 extension between remote data center sites?

- A. FCIP
- B. GRE
- C. DMVPN
- D. OTV

**Answer:** D

#### NEW QUESTION 19

What are two advantages of using Cisco vPC over traditional access layer designs? (Choose two.)

- A. supports Layer 3 port channels
- B. disables spanning-tree
- C. no spanning-tree blocked ports
- D. uses all available uplink bandwidth
- E. maintains single control plane

**Answer:** CD

#### NEW QUESTION 24

Which orchestration tool should be used for the management and analytics of servers across multiple sites?

- A. Cisco Intersight
- B. Cisco Nexus Fabric Manager
- C. Cisco UCS Manager
- D. Cisco Data Center Network Manager

**Answer:** A

#### NEW QUESTION 26

Which two methods mitigate congestion in a SAN network? (Choose two.)

- A. Configure ER\_RDY to allow splitting of each ISL between switches into separate virtual links.
- B. Use the port-monitor command to detect slow drain devices.
- C. Configure the port channel to enable individual buffer-to-buffer credits.
- D. Configure the port monitor to allow categorization of a specific device as slow.
- E. Configure the flow control for the FC to use R\_RDY.

**Answer:** BD

#### NEW QUESTION 27

Which two vSphere features must be included in the design of a Cisco HyperFlex systems stretched cluster? (Choose two.)

- A. HA
- B. VSS
- C. FT
- D. VDP
- E. DRS

**Answer:** AE

#### NEW QUESTION 29

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 33

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