



Free Questions for 300-610

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Question 1

Question Type: MultipleChoice

Refer to the exhibit.

```

class-map class_af11
  match dscp af11
  exit
policy-map type qos policy_af11
  class class_af11
  set dscp 14
  police cir 10 mbs bc 1 mbs conform transmit violate drop

```

An engineer is configuring a QoS policy with these requirements

Match-all AF11 traffic and set it to a DSCP value of 14.

The committed rate must be 10 Mbps with a committed burst rate of 1000 ms

Drop any AF11 traffic that violates these settings.

Any traffic other than af11 must have a DSCP value of 0

The given class-map configuration already exists. Which solution must the engineer use to meet the requirements?

A)

```

policy-map type qos policy_af11
  class class-other
  match dscp 0

```

B)

```

policy-map type qos policy_af11
  class class-af11
  match other set dscp 0

```

C)

```

policy-map type qos policy_af11
  class class-default
  set dscp 0

```

D)

```
policy-map type qos policy_af11
class class_af11
set dscp 0
```

Options:

- A- Option A
- B- Option B
- C- Option C
- D- Option D

Answer:

C

Question 2

Question Type: MultipleChoice

An end user is experiencing network latency when accessing a database in a disaster recovery site. The monitoring team concluded that the database was writing simultaneously to the storage arrays on the primary and disaster recovery sites.

Which design resolves this issue?

Options:

- A- asynchronous replication between data centers
- B- synchronous replication between data centers
- C- FCoE tunnel between data center
- D- FCIP tunneling between data center

Answer:

A

Question 3

Question Type: MultipleChoice

An engineer must design Layer 2 connectivity for a subnet between two data centers. The engineer must ensure seamless host mobility and optimal first-hop routing. Which attribute must be synchronized across all data centers to achieve this goal?

Options:

- A- NX-OS version
- B- DCNM to manage both fabrics
- C- multicast group
- D- anycast gateway MAC

Answer:

D

Question 4

Question Type: MultipleChoice

A network architect designs the iSCSI-based storage area network solution. The iSCSI datastore must be designed with high availability, minimal downtime, and no single point of failure. The requirement is to fail over I/O to alternate paths based on SCSI sense codes without reliance on network failures.

Which feature must be deployed to meet these requirements?

Options:

- A- hardware-based flow control
- B- port security
- C- iSCSI multipath
- D- NIC teaming

Answer:

C

Question 5

Question Type: MultipleChoice

An engineer must design a solution to divide the workload across two different data centers and achieve redundancy in case of the failure of either data center Which solution must the engineer choose?

Options:

- A- single Cisco HyperFlex stretched cluster
- B- Cisco Hyperflex edge cluster
- C- Cisco Hyperflex ROBO cluster
- D- single Cisco HyperFlex standard cluster

Answer:

A

Question 6

Question Type: MultipleChoice

An engineer must implement a WWPN pool for the vHBA template inside the Cisco UCS Manager. The template is used to connect a Cisco UCS B-Series blade to an external storage array.

Which addressing sequence accomplishes this goal?

Options:

- A- from 20:00:00:00:00:00:00:00 to 20:FF:FF:FF:FF:FF:FF:FF
- B- from 192.168.1.1 to 192.168.1.254
- C- from iqn.2020-c41i4p21y5a165.lab.ucs-00 to iqn.2020-ceiD1pj5y135-8.lab.ucs-FF
- D- from 00:0A:E6:3E:00:00 to 00:0A:E6:3E:00:FF

Answer:

A

Question 7

Question Type: MultipleChoice

A network architect proposes a distinct Fibre Channel fabric to be used for a Cisco UCS blade

server that hosts critical applications. Which action should be implemented for the fibre Channel traffic from the vHBA of this service to pass through the I/O module in the Cisco chassis to a specified uplink Fibre Channel port?

Options:

- A- Include a SAN pin group in the vHBA policy.
- B- Update the applied Fibre Channel adapter policy.
- C- Update the applied global QoS policy.
- D- Enable persistent binding in the vHBA policy.

Answer:

A

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Storage-Mgmt/3-2/b_UCSM_GUI_Storage_Management_Guide_3_2/b_UCSM_GUI_Storage_Management_Guide_3_2_chapter_0110.pdf

SAN Pin Groups

Cisco UCS uses SAN pin groups to pin Fibre Channel traffic from a vHBA on a server to an uplink Fibre Channel port on the fabric interconnect. You can use this pinning to manage the distribution of traffic from the servers.

Question 8

Question Type: MultipleChoice

A storage engineer requires a solution that achieves multiple paths between a server and storage array. The design must support complete traffic isolation and support a 50% growth in the next year. Which FCoE solution meets these requirements?

Options:

- A- single switch with multiple links
- B- at least two VSANs across the fabric

- C- at least two FC zone sets with multiple zones
- D- single VSAN across the fabric

Answer:

B

Question 9

Question Type: MultipleChoice

An engineer must design a DNS service available to multiple network zones as a shared service. The network zones are deployed as VRFs within the data center network and no firewall is available for communication between VRFs.

Which protocol is needed to implement the shared services?

Options:

- A- BGP
- B- OSPF
- C- ISIS
- D- VXLAN

Answer:

D



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