



300-610^{Q&As}

Designing Cisco Data Center Infrastructure (DCID)

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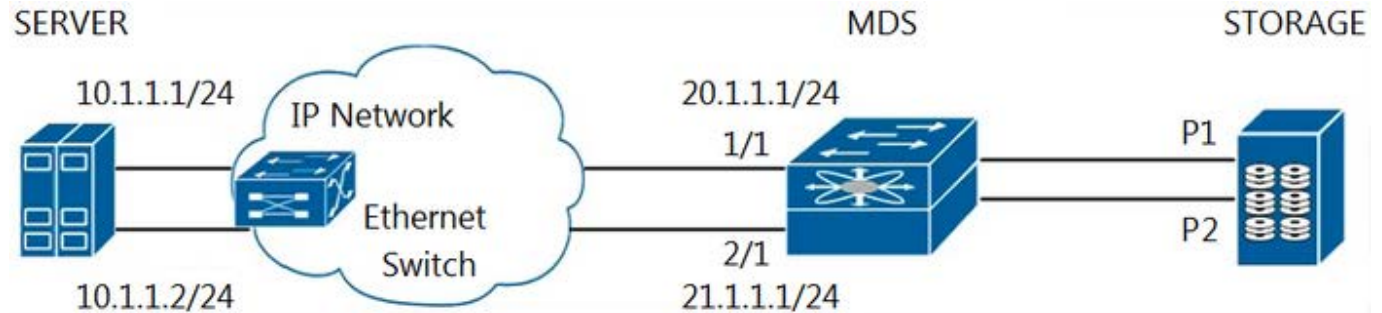
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**QUESTION 1**

Refer to the exhibit.



A high-availability setup for iSCSI is designed with the host running iSCSI multipath software. Each IP storage port on the MDS switch exports the same two Fibre Channel target ports with different iSCSI target names. In this design, how many iSCSI sessions are created from the host so that recovery occurs if any component fails?

- A. 2
- B. 3
- C. 4
- D. 5

Correct Answer: C

https://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/rel_3_x/configuration/guides/fm_3_2/ciscsi.html

QUESTION 2

A network engineer is using a Cisco UCS environment connected to a Fibre Channel storage array. The Cisco UCS environment must be connected to an existing SAN network, and several Cisco MDS 9000 Series Switches must be added to increase storage density. The solution must not exhaust the SAN network from the list of available domain IDs after connecting. Also, most of the SAN traffic must be mapped from the Cisco UCS blades to a specific group of the fabric interconnect ports.

Which two features must be deployed to meet these requirements? (Choose two.)

- A. end host mode
- B. static PIN grouping
- C. priority flow control
- D. N-Port ID virtualization
- E. dynamic port pinning

Correct Answer: CE



QUESTION 3

An engineer is configuring Fibre Channel policies in a service profile template. The requirement is to set the default vHBA behavior policy as part of the deployment. The Cisco UCS Manager must also create the required vHBA type based on

the adapter installed on the server and associated with the service profile.

Which action meets the requirements?

- A. Configure the Windows settings profile.
- B. Enable the HW Inherit settings.
- C. Set the dynamic-uuid identity.
- D. Apply the Linux settings profile.

Correct Answer: B

QUESTION 4

A company is using Cisco UCS and wants a network orchestration solution to meet these requirements:

1.
centrally manage compute and storage platforms
2.
reduce the time it takes to detect an outage
3.
easily exchange data with TAC to reduce resolution times

The company does not have in-house knowledge about scripting.

Which solution must the company choose?

- A. Cisco Intersight
- B. Cisco UCS Central
- C. Cisco HyperFlex
- D. Cisco DCNM

Correct Answer: A



QUESTION 5

An engineer must interconnect customer data centers by using a 10-Gbps, unicast-only, Layer 3 circuit. The requirement is to stretch the Layer 2 connection over the tunnel, isolate STP traffic, and create more than two million logical network segments.

Which solution meets these requirements?

- A. IPsec over GRE
- B. OTV
- C. dark fiber
- D. VXLANEVPN

Correct Answer: B

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