



# 300-175<sup>Q&As</sup>

Cisco Data Center Unified Computing

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### QUESTION 1

You have a Cisco Nexus switch in NPV mode. Which technology do you use to enhance load balancing, capacity and resiliency for the devices FLOGI\\d this switch?

- A. F-Port-Channel-Trunk
- B. Overlay vNIC
- C. FabricPath
- D. FCoE

Correct Answer: A

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### QUESTION 2

Which Two Methods does Cisco UCS Manager use to create a fabric port channel? (Chose Two)

- A. By using the chassis connectivity policy settings for a spesific chassis after chassis discovery
- B. By using the LAN connectivity policy settings during chassis discovery
- C. By using the SAN policy settings during chassis discovery
- D. By using the global chassis discovery policy settings
- E. By using the lan connectivity policy settings for a spesific interface after chassis discovery

Correct Answer: AD

Fabric port channels allow you to group several of the physical links from an IOM to a fabric interconnect into one logical link for redundancy and bandwidth sharing. As long as one link in the fabric port channel remains active, the fabric port channel continues to operate.

If the correct hardware is connected, fabric port channels are created byCisco UCS Managerin the following ways:

During chassis discovery according to the settings configured in the chassis discovery policy.

After chassis discovery according to the settings configured in the chassis connectivity policy for a specific chassis.

[https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/sw/gui/config/guide/2-0/b\\_UCSM\\_GUI\\_Configuration\\_Guide\\_2\\_0/](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-0/b_UCSM_GUI_Configuration_Guide_2_0/)

[b\\_UCSM\\_GUI\\_Configuration\\_Guide\\_2\\_0\\_chapter\\_0101.html#concept\\_5D3D88341BFB43468B62B5A77876C67B](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-0/b_UCSM_GUI_Configuration_Guide_2_0/b_UCSM_GUI_Configuration_Guide_2_0_chapter_0101.html#concept_5D3D88341BFB43468B62B5A77876C67B)

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### QUESTION 3



Which two parameters are used by Cisco UCS for automatic Fibre Channel uplink pinning?

- A. server WWN
- B. MDS WWNN
- C. VSAN membership
- D. hash algorithm
- E. vHBA MAC address

Correct Answer: AC

[https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/sw/gui/config/guide/3-0/b\\_UCSM\\_GUI\\_User\\_Guide\\_3\\_0/b\\_UCSM\\_GUI\\_User\\_Guide\\_3\\_0\\_chapter\\_011000.html](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/3-0/b_UCSM_GUI_User_Guide_3_0/b_UCSM_GUI_User_Guide_3_0_chapter_011000.html)

[https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/sw/gui/config/guide/2-0/b\\_UCSM\\_GUI\\_Configuration\\_Guide\\_2\\_0/b\\_UCSM\\_GUI\\_Configuration\\_Guide\\_2\\_0\\_chapter\\_010110.html#task\\_2F3F6BFFC4384A2F8809492F9DE8FD23](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-0/b_UCSM_GUI_Configuration_Guide_2_0/b_UCSM_GUI_Configuration_Guide_2_0_chapter_010110.html#task_2F3F6BFFC4384A2F8809492F9DE8FD23)

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#### QUESTION 4

Which ports can access the Cisco IMC if you select Shared LOM NIC mode in the Cisco IMC Configuration Utility for a Cisco UCS C-Series server?

- A. the ports on an installed Cisco network adapter card
- B. the two 1-Gb Ethernet ports
- C. the two 10/100 management ports
- D. the two 10/100 management ports, but each port has a default setting

Correct Answer: B

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#### QUESTION 5

With Cisco UCS Manager, in which location do you monitor the chassis discovery process?

- A. CMC
- B. FSM
- C. CDP
- D. DME

Correct Answer: B

[http://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/sw/gui/config/guide/2-0/b\\_UCSM\\_GUI\\_Configuration\\_Guide\\_2\\_0/b\\_UCSM\\_GUI\\_Configuration\\_Guide\\_2\\_0\\_chapter\\_0100011.html](http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-0/b_UCSM_GUI_Configuration_Guide_2_0/b_UCSM_GUI_Configuration_Guide_2_0_chapter_0100011.html)

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**QUESTION 6****DRAG DROP**

You must configure a Cisco Unified Computing System server to boot from FCoE. Drag and drop the configuration steps from the left into the correct order on the right.

Select and Place:

Assign VSANs to the unified uplinks.	step 1
Create a boot policy.	step 2
Create vHBAs in Service Profiles.	step 3
Create a VSAN for each fabric interconnect.	step 4

Correct Answer:

	Create a boot policy.
	Create a VSAN for each fabric interconnect.
	Assign VSANs to the unified uplinks.
	Create vHBAs in Service Profiles.

**QUESTION 7**

Drag Drop This question concerns the installation of a Cisco Unified Computing System blade server I/O module. Drag the options on the left to the right side in the correct order when performing the installation. Note: Not all of the steps on the left will be used.

Select and Place:



This question concerns the installation of a Cisco Unified Computing System blade server I/O module

Drag the options on the left to the right side in the correct order when performing the installation. Note: Not all of the steps on the left will be used.

Slide the I/O module into the I/O module slot, ensuring that the I/O module is fully seated

Connect the networking cables

Make sure that the two levers at the front of the I/O module are pulled open

Install the N20-CBLK1 blank to avoid EMI issues

Close the levers and tighten the captive screw on each lever

Correct Answer:

This question concerns the installation of a Cisco Unified Computing System blade server I/O module

Drag the options on the left to the right side in the correct order when performing the installation. Note: Not all of the steps on the left will be used.

Install the N20-CBLK1 blank to avoid EMI issues

Make sure that the two levers at the front of the I/O module are pulled open

Slide the I/O module into the I/O module slot, ensuring that the I/O module is fully seated

Close the levers and tighten the captive screw on each lever

Connect the networking cables

## QUESTION 8

You have a Cisco UCS C220 M4 Rack Server that has five physical hard drives and is integrated with Cisco UCS Manager. You need to use two drives to configure RAID 1 and use the three drives that remain to configure RAID 5.

Which three steps do you perform to accomplish this goal? (Choose three.)

- A. Create an Any Configuration local disk configuration policy
- B. Create a local disk configuration policy for a RAID 6 striped configuration that has dual parity
- C. Configure the volumes by using the LSI tools outside of Cisco UCS Manager
- D. Create a local disk configuration policy for a RAID 5 striped configuration that has parity



E. Create a local disk configuration policy for a RAID 1 mirrored configuration

F. Assign the local disk configuration policy to the associated service profile of the server

Correct Answer: DEF

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#### QUESTION 9

In which management platform do you use Windows PowerShell to configure, deploy and manage systems?

A. Cisco UCS Central

B. Cisco IMC

C. HCL tool in cisco UCS

D. Cisco UCS Desired state configuration resource

Correct Answer: D

Reference: [https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/sw/msft\\_tools/installation\\_guide/powertool/b\\_Pwrtool\\_Install\\_and\\_Config/b\\_Install\\_and\\_Config\\_chapter\\_011.html](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/msft_tools/installation_guide/powertool/b_Pwrtool_Install_and_Config/b_Install_and_Config_chapter_011.html)

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#### QUESTION 10

You need to add additional DNS entries to UCS Manager. Where would you configure the addition DNS server information?

A. Admin tab

B. LAN tab

C. Service Profile Template

D. Equipment Tab

Correct Answer: A

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#### QUESTION 11

You need to configure storage switch-based Fibre Channel zoning in a Cisco UCS system. The zoning must be configured in VSAN 100 What Should you do?

A. Disable zoning on VSAN 100 in Cisco UCS Manager. Configure zoning on the upstream SAN switch on VSAN 100.

B. Disable zoning on VSAN 100 in Cisco UCS Manager. Set Cisco UCS Manager to interoperability mode Create VSAN 100 in Cisco UCS Manager. Configure zoning on the upstream third-party SAN switch.

C. Register the SAN switch manually in Cisco UCS Manager. Enable switch-based zoning on VSAN 100 in Cisco UCS





Manager.

D. Discover the SAN switch in Cisco UCS Manager. Enable inherited zoning on VSAN 100 in Cisco UCS Manager.

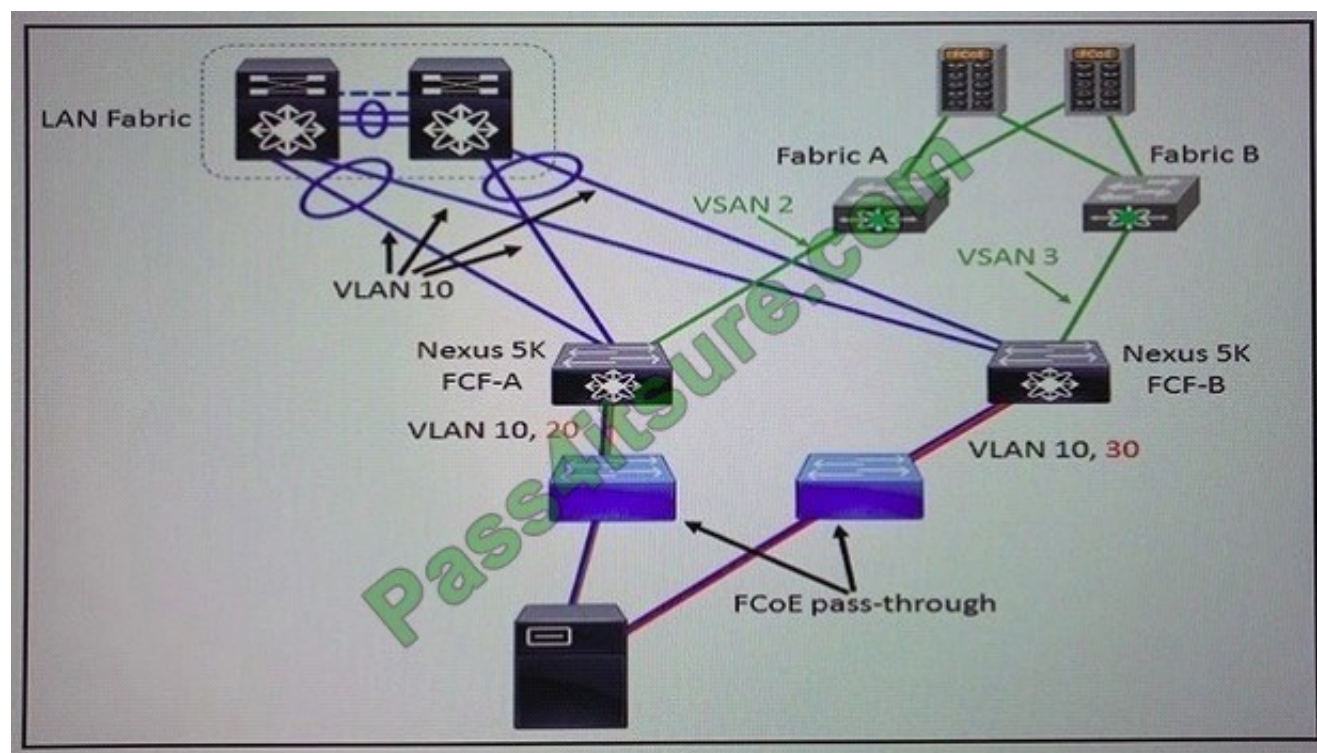
Correct Answer: A

## Switch-Based Fibre Channel Zoning

With switch-based zoning, a Cisco UCS domain inherits the zoning configuration from the upstream switch. You cannot configure or view information about your zoning configuration in Cisco UCS Manager. You have to disable zoning on a VSAN in Cisco UCS Manager to use switch-based zoning for that VSAN.

### QUESTION 12

Refer to the exhibit. Which type of FCoE topology is displayed?



A. direct-attach

B. remote-attach

C. vPC

D. FCoE with Cisco 2232 Fabric Extenders

Correct Answer: B

[https://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-series-switches/white\\_paper\\_c11-560403.html](https://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-series-switches/white_paper_c11-560403.html)



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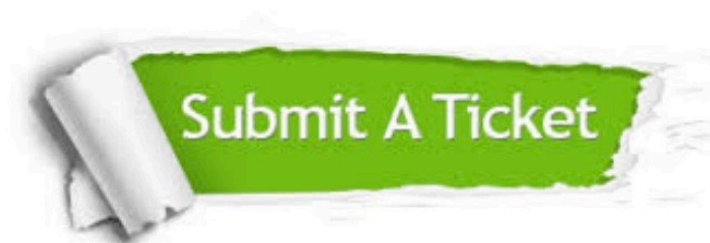
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