Vendor: Cisco

Exam Code:642-035

Exam Name: Troubleshooting Cisco Data Center Unified Computing

Version: Demo

QUESTION 1

Which two types of ports are MAC addresses when operating in switch mode? (Choose two.)

A. uplink

B. FEX

C. server

D. backplane

Correct Answer: AC

QUESTION 2

If a server is not associated with a service profile, the activated firmware remains pending. Which two steps should you take? (Choose two.)

A. Manually reboot the server.

B. Reset the server to a new profile.

C. Reset the unassociated server to activate the firmware.

D. Reinitialize the firmware process with Cisco UCS Manager.

E. Download the firmware and start over.

F. Shut down gracefully and start over.

Correct Answer: AC

QUESTION 3

Which CLI command should you use to promote the local fabric interconnect to primary?

A. cluster primary force

B. cluster failover primary

C. cluster force primary

D. cluster failover

E. failover

Correct Answer: C

QUESTION 4

Which two Cisco Nexus 2000-Series Fabric Extenders support connections to both Cisco Nexus 5000 Series Switches and Cisco Nexus 7000 Series Switches? (Choose two.)

A. Cisco Nexus 2248TP

B. Cisco Nexus 2248TP-E

C. Cisco Nexus 2232PP

D. Cisco Nexus 2232TM

Correct Answer: AC

QUESTION 5

You must check the path that vNICs uses to communicate. How can you verify whether a vNIC on a Cisco UCS server is in an active state or a failover state?

A. Run the show interface brief command.

B. Connect to the adapter and execute the Master Control Program.

C. Compare the state on both fabric interconnects.

D. Run the show interface status command.

Correct Answer: C

QUESTION 6

Instructions

- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- **Before beginning the questions, carefully read the information in the Scenario tab and familiarize yourself with the network topology.**
- To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.
- There are **four** multiple-choice questions with this task. Be sure to answer all four questions before clicking the Next button.
- Use the tabs at the bottom of the question to navigate between the Topology and question-specific Exhibits. Exhibit_1 maps to Question 1, et cetera.

Scenario

You have received a trouble ticket from a customer with multiple FCoE issues deploying a Cisco UCS C22 M2 server. The server includes a Cisco UCS P81E VIC that has redundant connections to Cisco Nexus 5548 switches.

When the customer loads the installer for VMware ESXi 5.0, it is unable to connect to its boot LUN over Fabric A or Fabric B. To begin, you will concentrate your efforts on acheiving connectivity on Fabric A.

The customer is a government agency with an information security policy prohibiting remote access into its network. It has provided a topology, command output from the Nexus 5548, and screenshots from the Cisco Integrated Management Controller of symptoms for you to troubleshoot.

Topology

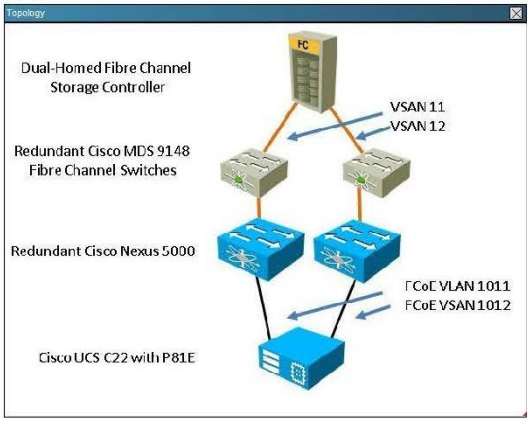


Exhibit_1

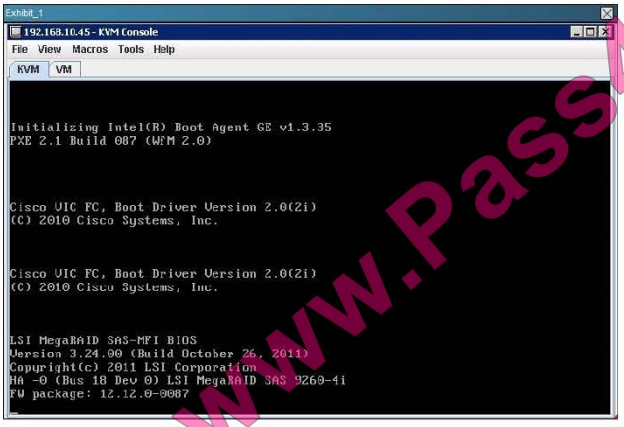
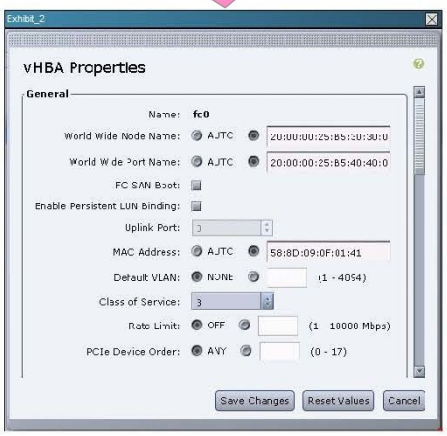


Exhibit_2



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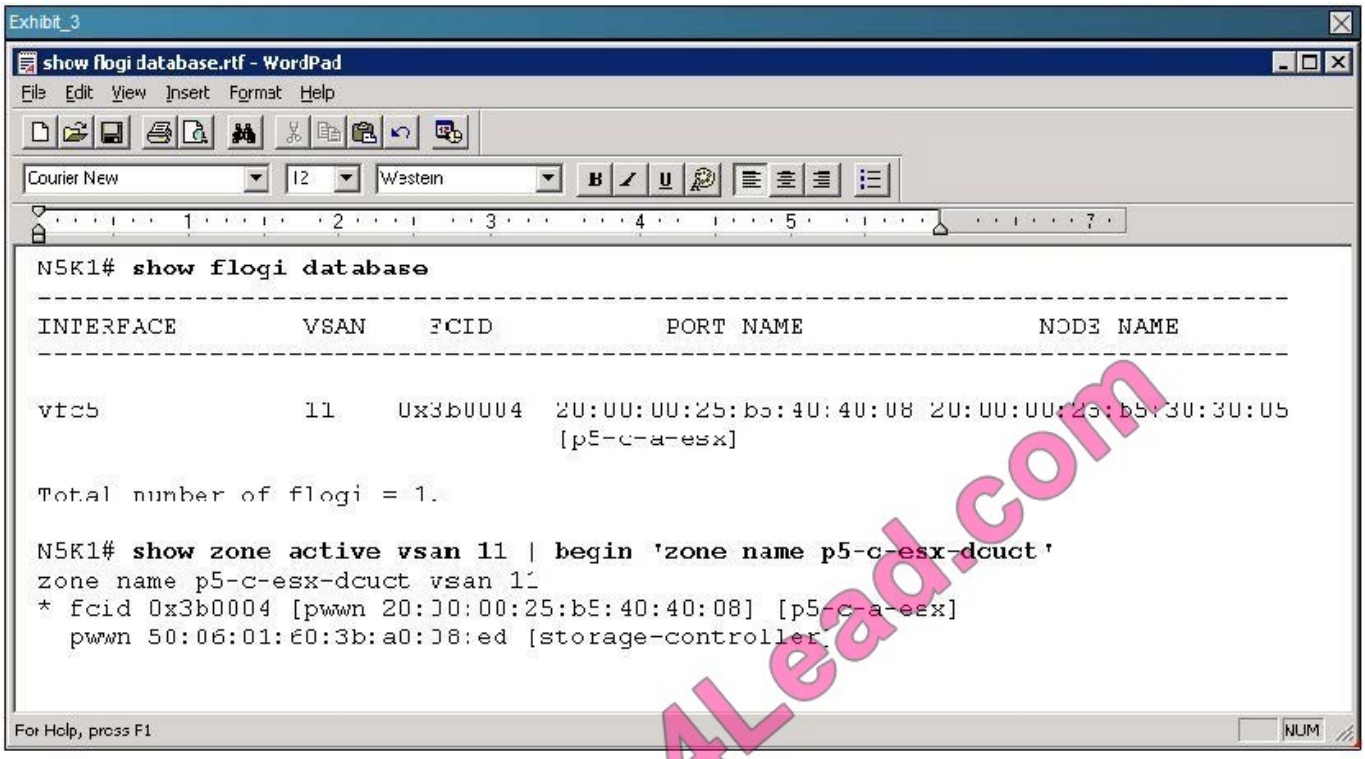

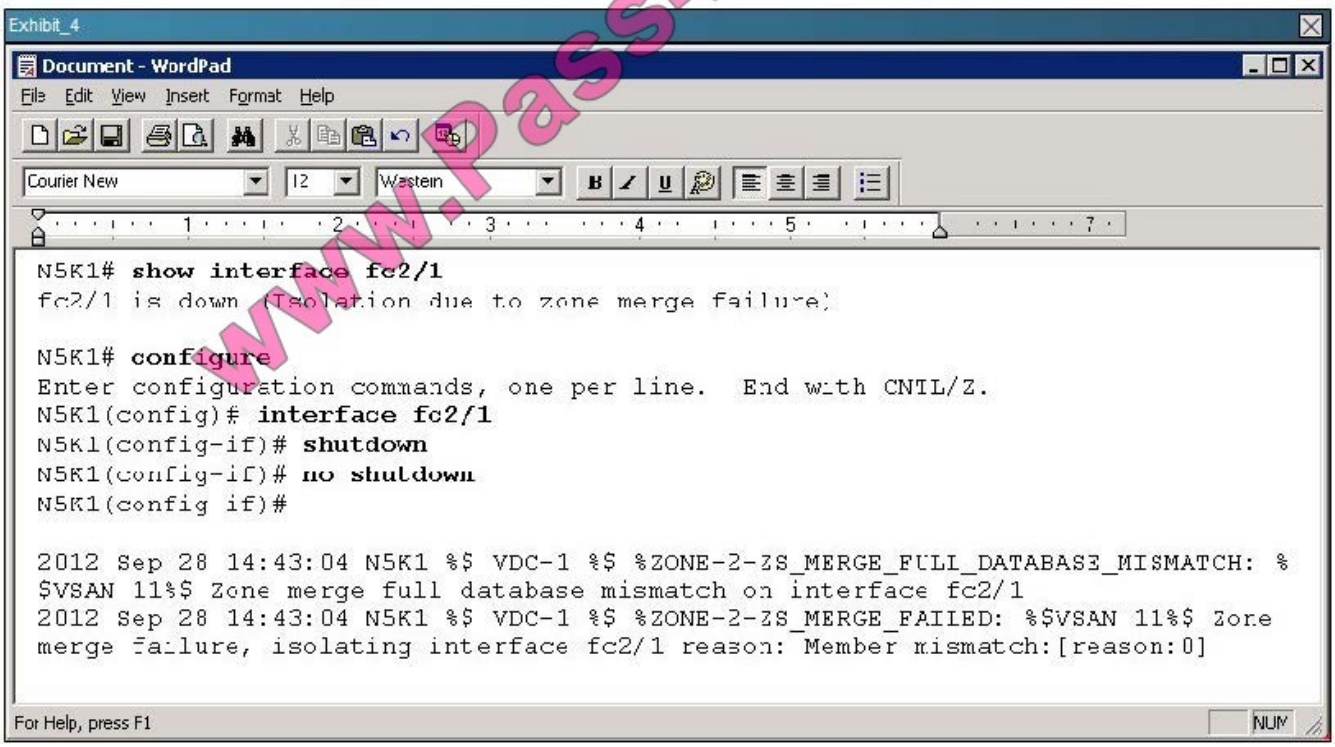

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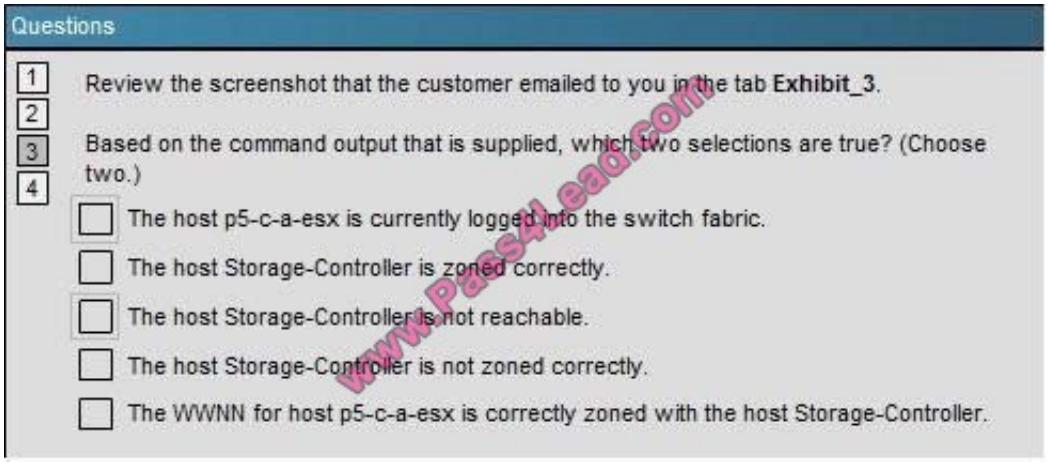
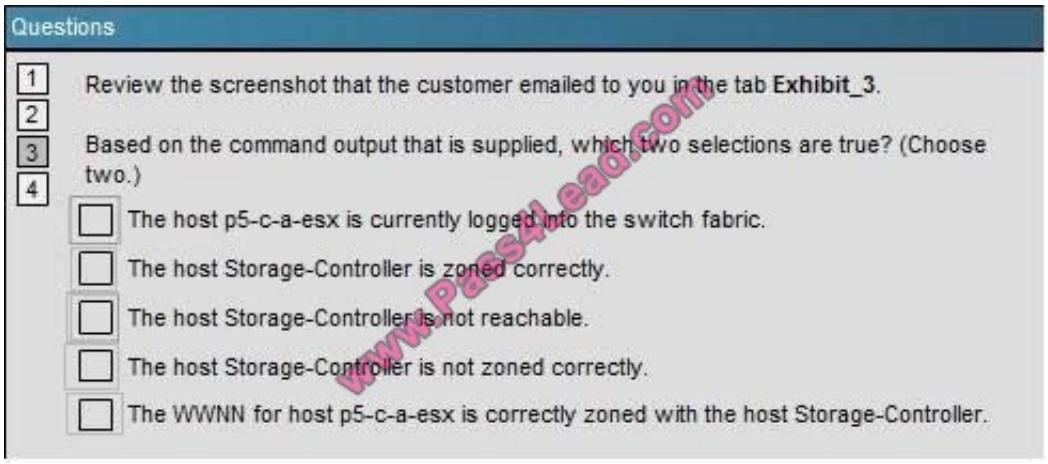
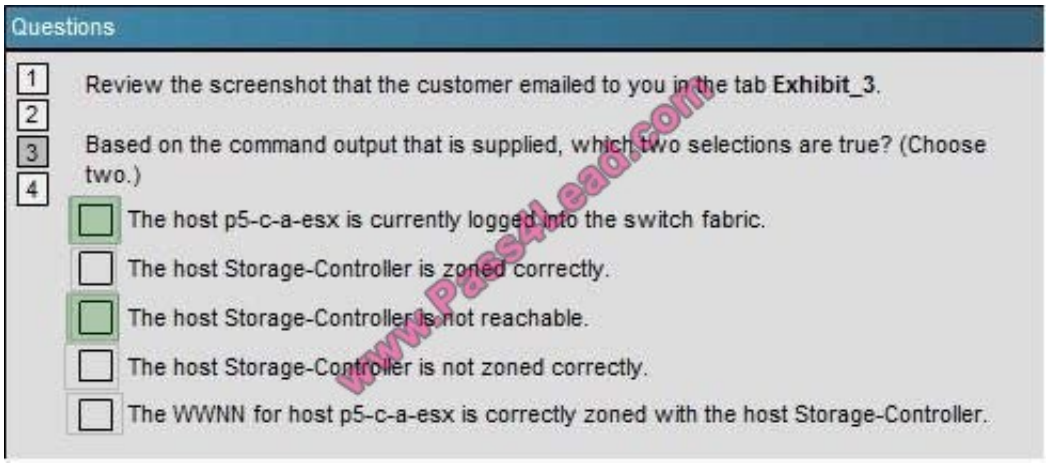
Hot Area:



Hot Area:



Correct Answer:



QUESTION 7

Which option is a valid file extension for a CIMC configuration file?

A. .xml

B. .json

C. .txt

D. .exe

E. .zip

Correct Answer: A

QUESTION 8

A Cisco UCS admin is trying to integrate Cisco UCS Manager with Active Directory Authentication. After the configuration is done, the admin is still unable to log in using LDAP credentials. When running a debug on the Fabric Interconnect, this error is displayed:

ldap_build_roles_and_locales_from_attr: No attr for usr profile

Which step was missed in the configuration?

A. The LDAP provider was not configured correctly.

B. The proper RBAC role(s) were not assigned to the user.

C. Cisco UCS Manager 2.1 is required for LDAP integration.

D. The "Attribute" field in Cisco UCS was left blank.

Correct Answer: B

QUESTION 9

Which command output shows the interface assigned as the designated receiver of each VLAN?

A. show system vlan reserved

B. show vlan internal bd-info bd-to-vlan all-bd

C. show port internal info all

D. show platform software enm internal info vlandb all

Correct Answer: D

QUESTION 10

Instructions

- Click on the Exhibit1 tab to access the topology the Cisco UCS C-Series server is a member.
- To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.
- There are **four** multiple-choice questions with this task.
- Refer to the included per-qestion screenshot for reference.
- Be sure to answer all four questions before selecting the **Next** button.

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Scenario

In this scenario, you will answer questions about Cisco UCS C-Series server configuration based on screenshots from the Cisco IMC GUI.

Exhibit1

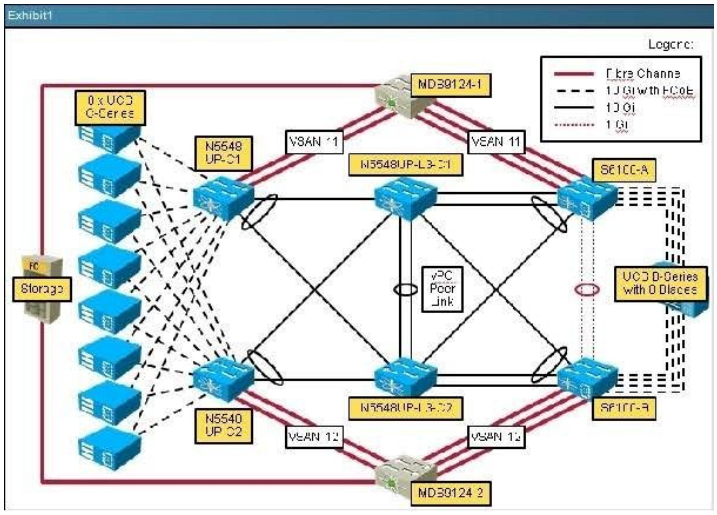

Exhibit2

Exhibit3

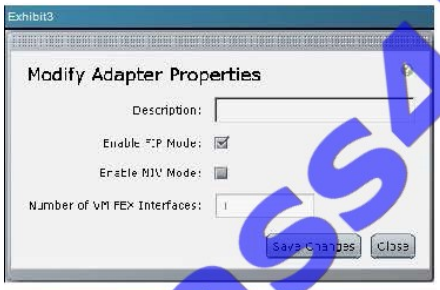

Exhibit4

Exhibit5

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Refer to Exhibit 5. Which of the following is true regarding password recovery for the Cisco IMC GUI interface?

A. From the KVM Console, press F12 during POST to reset the credentials to admin/password

B. Type RECOVER into the Username field, and then type SYSTEM in the Password field to enter recovery mode

C. Refer to the model-specific Cisco UCS C-Series Hardware guide to learn the location of the recovery jumper on the server motherboard

D. Enter the Cisco IMC BIOS to reset the GUI password

Correct Answer: D

QUESTION 11

How long are the LED states saved after a blade is removed from a Cisco UCS chassis?

A. 1 minute

B. 5 minutes

C. 10 minutes

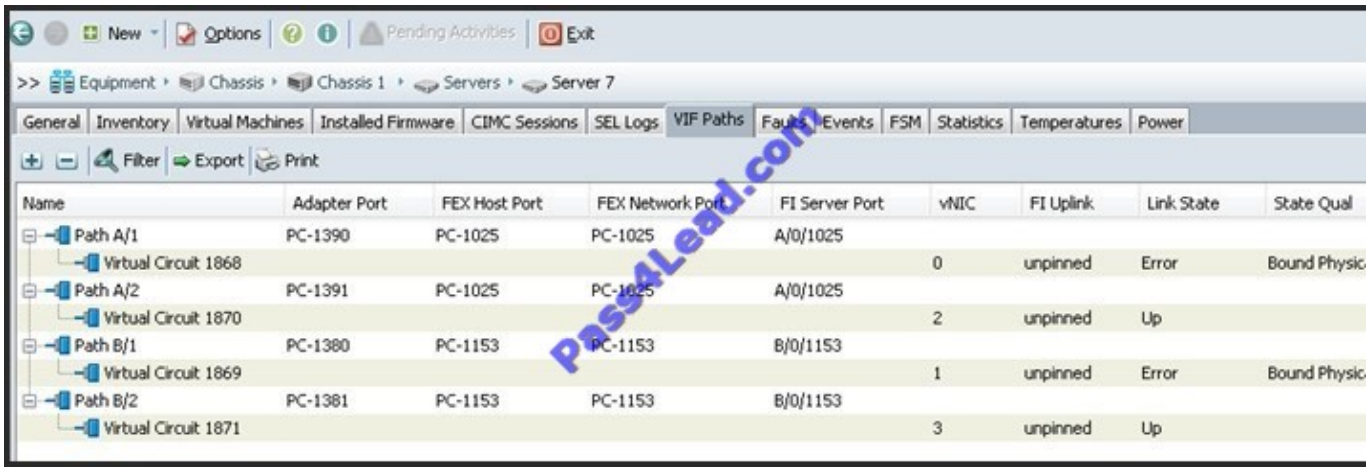
D. 30 minutes

E. 60 minutes

Correct Answer: C

QUESTION 12

Refer to the exhibit. A system administrator reviews the VIF paths and discovers an error. What is the cause of the error?



A. The server has no connection to the SAN.

B. The server is still booting over SAN.

C. The server is still booting over iSCSI.

D. The server has the VIC with errors and needed to make an RMA.

E. The switch that is connected the fabric interconnect has a port that is unavailable.

Correct Answer: C

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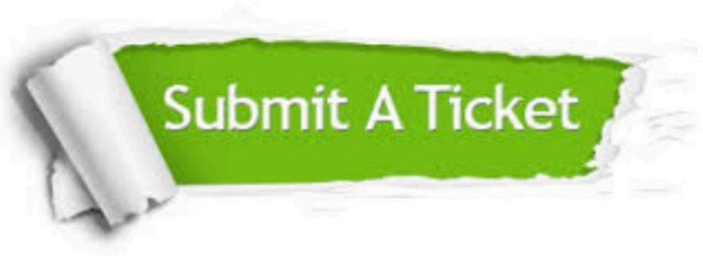

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