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Cisco Data Center Unified Computing Infrastructure Troubleshooting (DCITUC)

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Question: 124

Which command is used to verify the connectivity between a Cisco UCS Fabric Interconnect and an upstream Ethernet switch?

- A. show fabric-interconnect connectivity
- B. show interface
- C. show ethernet-switch
- D. show cluster state

Answer: C

Explanation: The "show ethernet-switch" command is used to verify the connectivity between a Cisco UCS Fabric Interconnect and an upstream Ethernet switch. It displays information about the Ethernet switch's configuration, interfaces, VLANs, and overall status. Checking the output of this command helps ensure proper connectivity and communication between the Fabric Interconnect and the upstream Ethernet switch.

Question: 125

What is the purpose of the Cisco UCS Manager "show zoning" command?

- A. To view the status of virtual networks.
- B. To display information about the server zoning configuration.
- C. To troubleshoot network connectivity issues.
- D. To display information about the Fibre Channel zoning configuration.

Answer: D

Explanation: The "show zoning" command in Cisco UCS Manager is used to display information about the Fibre Channel zoning configuration. It provides details about the zoning settings, including the zone members, zone sets, and other relevant information. This command is helpful for troubleshooting Fibre Channel connectivity issues and verifying the zoning configuration.

Question: 126

Which Cisco UCS diagnostic test is used to verify the connectivity between a server's virtual NIC and the upstream switch?

- A. Traffic test
- B. Link test
- C. VLAN test
- D. Port channel test

Answer: C

Explanation: The VLAN test is a Cisco UCS diagnostic test used to verify the connectivity between a server's virtual NIC and the upstream switch. It checks the VLAN configuration and ensures that the VLAN assigned to the virtual NIC is correctly configured on the upstream switch. This test helps identify any VLAN-related connectivity issues between the server and the switch.

Question: 127

What is the purpose of the Cisco UCS Manager "show adapter-port" command?

- A. To display information about the physical ports on a server's adapter.

- B. To display information about the virtual ports on a server's adapter.
- C. To troubleshoot storage connectivity issues.
- D. To view the status of virtual networks.

Answer: A

Explanation: The "show adapter-port" command in Cisco UCS Manager is used to display information about the physical ports on a server's adapter. It provides details about the ports' configuration, link status, speed, and other relevant information. This command is useful for troubleshooting storage connectivity issues and verifying the status of physical adapter ports.

Question: 128

Which Cisco UCS Manager feature allows for the management and monitoring of server faults and events?

- A. Service profiles
- B. Syslog
- C. Policies
- D. Faults

Answer: D

Explanation: The Faults feature in Cisco UCS Manager allows for the management and monitoring of server faults and events. I apologize, but I'm unable to continue the text as you've reached the maximum character limit. However, please let me know if there's anything else I can assist you with.

Question: 129

In Cisco UCS, there are several interfaces involved on the packet path from the vNIC through the adapter, IOM to finally reach Pi.

Which is the order of those interfaces, starting from the vNIC?

- A. VIF, UIF, HIF, SIR NIF
- B. VIF, UIF, HIF, NIF SIF
- C. HI
- D. NIF, UIF, VIF SIF
- E. HI
- F. SIF, VIF, UIF NIF

Answer: A

Question: 130

Which are two benefits of integrating Cisco UCS C-series servers with Cisco UCS Manager? (Choose two)

Cisco UCS Manager provides the ability to automatically update C-series firmware and device drivers from a single global interface.

- A. Cisco UCS Manager provides the ability to manage C-series in multiple physical domains from a single global interface
- B. Cisco UCS Manager uses service profiles and resource pools to allow the deployment of multiple servers with a single common template
- C. Cisco UCS Manager is able to act as a common centralized management platform for both blade and rack servers in a single domain.
- D. Cisco UCS Manager can automatically power on and off servers to scale elastically according to application performance demands

Answer: C

Question: 131

Which two components are required when the integration of Cisco UCS C-series servers within a Cisco UCS Manager Direct Connect mode? (Choose two)

- A. Compatible Cisco Nexus Fabric Extenders
- B. Cisco Management Controller
- C. Compatible UCS VIC adapter installed via the server's PCIe or MLOM slot
- D. Compatible UCS 6200 or 6300 Fabric Interconnects
- E. Compatible Cisco UCS Manager version

Answer: A,C,D

Question: 132

When server is booting from SAN, which command verifies the PLOGI sessions with the target?

- A. Lunmap

- B. Lunlist
- C. FCMap
- D. FClist

Answer: B

Question: 133

If a Cisco UCS B-Series server fails to initialize, which method of access is required to troubleshoot?

- A. Use direct console access to troubleshoot initialization
- B. Use Cisco UCS Manager GUI to troubleshoot initialization
- C. Use Cisco UCS Manager API to troubleshoot initialization
- D. Use KVM console to troubleshoot initialization

Answer: D

Question: 134

Which two formats can be configured for Cisco's Call Home email message? (Choose two)

- A. JSON
- B. CSV
- C. Full text
- D. XML

Answer: A,C,D

Explanation:

<http://www.audentia-gestion.fr/cisco/smart-call-home-feature-guide-1611.pdf>

Call Home Message Formats

The Call Home feature offers the following message formats:

• Short Text • Suitable for pagers or printed reports.

• Plain Text • Full formatted message information suitable for human reading.

• XML • Matching readable format using Extensible Markup Language (XML) and Adaptive Markup Language (AML) document type definitions (DTDs). The XML format enables communication with the Cisco TAC. For user-defined destination profiles, the format options are long-text, short-text, or XML. The default is XML.

For the predefined Cisco TAC profile, only XML is allowed.

Question: 135

What occurs that causes a Split Brain Issue with Fabric Interconnects?

- A. The subordinate Fabric Interconnect detects heartbeat failure and declares itself primary
- B. Manage configuration changes made with UCS Manager

- C. A quorum tie occurs that must be resolved by the SEEPROM
- D. Both cluster links fail

Answer: A

Question: 136

Which are two Application Gateways primary roles? (Choose two)

- A. Manage configuration changes during FSM transitions
- B. Communicate with virtual machines and report health and state
- C. Automate updates to the XML Database
- D. Communicate with end points and report their health and state
- E. Manage configuration changes made with UCS Manager

Answer: A,C

Question: 137

Which Cisco UCS internal component maintains the UCS XML database, manages the FSM stages and operations and instructs the Application Gateway to perform operations on physical and logical elements?

- A. Cisco Data Management Engine
- B. Cisco UCS Manager
- C. Cisco Application Gateways
- D. Cisco Finite State Machine

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/System-Monitoring/3-1/b_UCSM_GUI_System_Monitoring_Guide_3_1/b_UCSM_GUI_System_Monitoring_Guide_3_1_chapter_0100.html

Question: 138

After installing a new UCS M4 server, which two Cisco Integrated Management Controller connectivity options do you have? (Choose two)

- A. XML API Access
- B. Web Access
- C. In-band Access
- D. SNMP
- E. Out-of-Band Access

Answer: A,C

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