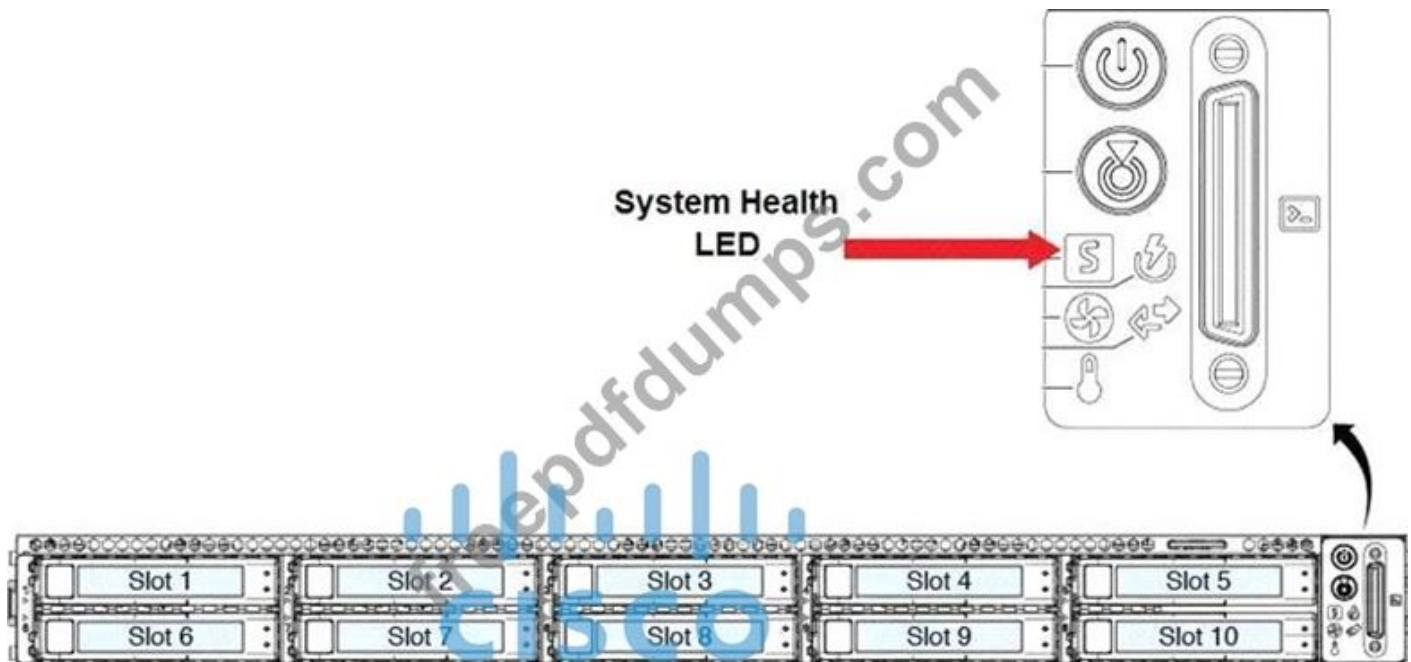


Cisco.010-151.v2025-09-06.q130

Exam Code:	010-151
Exam Name:	Supporting Cisco Datacenter Networking Devices (DCTECH)
Certification Provider:	Cisco
Free Question Number:	130
Version:	v2025-09-06
# of views:	108
# of Questions views:	1300
https://www.freepdfdumps.com/Cisco.010-151.v2025-09-06.q130.html	

NEW QUESTION: 1

Refer to the exhibit.



Which two faults can occur if the System Health LED is in a steady amber state? (Choose two.)

- A. Major fault with memory DIMM
- B. Major fault with CPU
- C. CPU mismatch
- D. At least one DIMM is faulty.
- E. Major fault with the system board

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

Which two firmware components does the Host Upgrade Utility upgrade? (Choose two.)

- A. Cisco UCS Manager

- B. Cisco UCS Infrastructure software
- C. System BIOS
- D. Fabric Interconnect firmware
- E. CIMC

Answer: C,E (LEAVE A REPLY)

The Host Upgrade Utility is a tool provided by Cisco to facilitate the updating of firmware and drivers on Cisco UCS (Unified Computing System) servers. It is designed to streamline the upgrade process for critical host components, ensuring that servers remain up-to-date with the latest firmware versions for optimal performance and security.

1. System BIOS (Option C):

Definition:

System BIOS (Basic Input/Output System) is firmware that initializes hardware during the booting process and provides runtime services for operating systems and programs.

Role in UCS Servers:

The BIOS is crucial for system stability and performance. It manages hardware settings, system configuration, and ensures that all components communicate effectively.

Upgrade via Host Upgrade Utility:

The Host Upgrade Utility allows administrators to update the System BIOS to the latest version. This ensures compatibility with new hardware components, improves system performance, and addresses any BIOS-related vulnerabilities.

Benefits:

Enhanced Performance: Updates can optimize hardware initialization and resource management.

Security Improvements: BIOS updates often include patches for security vulnerabilities.

Hardware Compatibility: Ensures that the server can support newer hardware components or configurations.

2. CIMC (Cisco Integrated Management Controller) (Option E):

Definition:

The Cisco Integrated Management Controller (CIMC) is an embedded controller in Cisco UCS servers that provides out-of-band management capabilities. It allows administrators to manage servers remotely, even when the operating system is not running.

Role in UCS Servers:

CIMC handles tasks such as server monitoring, remote console access, firmware updates, and hardware configuration. It operates independently of the server's operating system, ensuring that management tasks can be performed regardless of the server's state.

Upgrade via Host Upgrade Utility:

The Host Upgrade Utility facilitates the updating of the CIMC firmware. Keeping CIMC up-to-date is essential for maintaining reliable remote management capabilities, ensuring compatibility with the latest management features, and addressing any security vulnerabilities.

Benefits:

Improved Management Features: Firmware updates can introduce new management functionalities or enhance existing ones.

Security Enhancements: Updates may include fixes for security vulnerabilities within the CIMC.
Stability and Reliability: Ensures that the CIMC operates smoothly, reducing the likelihood of management-related issues.

Why the Other Options Are Incorrect:

A . Cisco UCS Manager:

Cisco UCS Manager is a centralized management software for UCS environments. It is typically upgraded using its own dedicated upgrade processes or through the UCS Manager interface itself, rather than the Host Upgrade Utility, which is focused on host-specific components.

B . Cisco UCS Infrastructure Software:

This encompasses a broader range of software components, including UCS Manager and other management tools. Similar to option A, it is not directly upgraded via the Host Upgrade Utility.

D . Fabric Interconnect Firmware:

Fabric Interconnects are core components of the UCS architecture that manage network and storage traffic. Their firmware is usually updated through the UCS Manager interface or specific Fabric Interconnect upgrade utilities, not through the Host Upgrade Utility.

Summary:

The Host Upgrade Utility is specifically designed to update host-level firmware components in Cisco UCS servers. System BIOS and CIMC are critical firmware components that are directly managed and updated using this utility, ensuring that each server operates efficiently, securely, and remains compatible with the overall UCS infrastructure.

NEW QUESTION: 3

Which two commands display the version of Cisco NX-OS code that the device is currently running on?

(Choose two.)

- A. show interface
- B. show license
- C. show boot
- D. show module
- E. show version

Answer: D,E (LEAVE A REPLY)

NEW QUESTION: 4

Which three steps do you perform to troubleshoot when a rack server powers on with no video?

(Choose three.)

- A. Check for memory subsystem failure.
- B. Check that the front I/O dongle is properly seated.
- C. Reseat the DIMMs, CPU, and PCI cards.
- D. Check the front I/O cable connection to the motherboard.
- E. Verify the power source to equipment.

Answer: A,B,D (LEAVE A REPLY)

NEW QUESTION: 5

Refer to the exhibit.



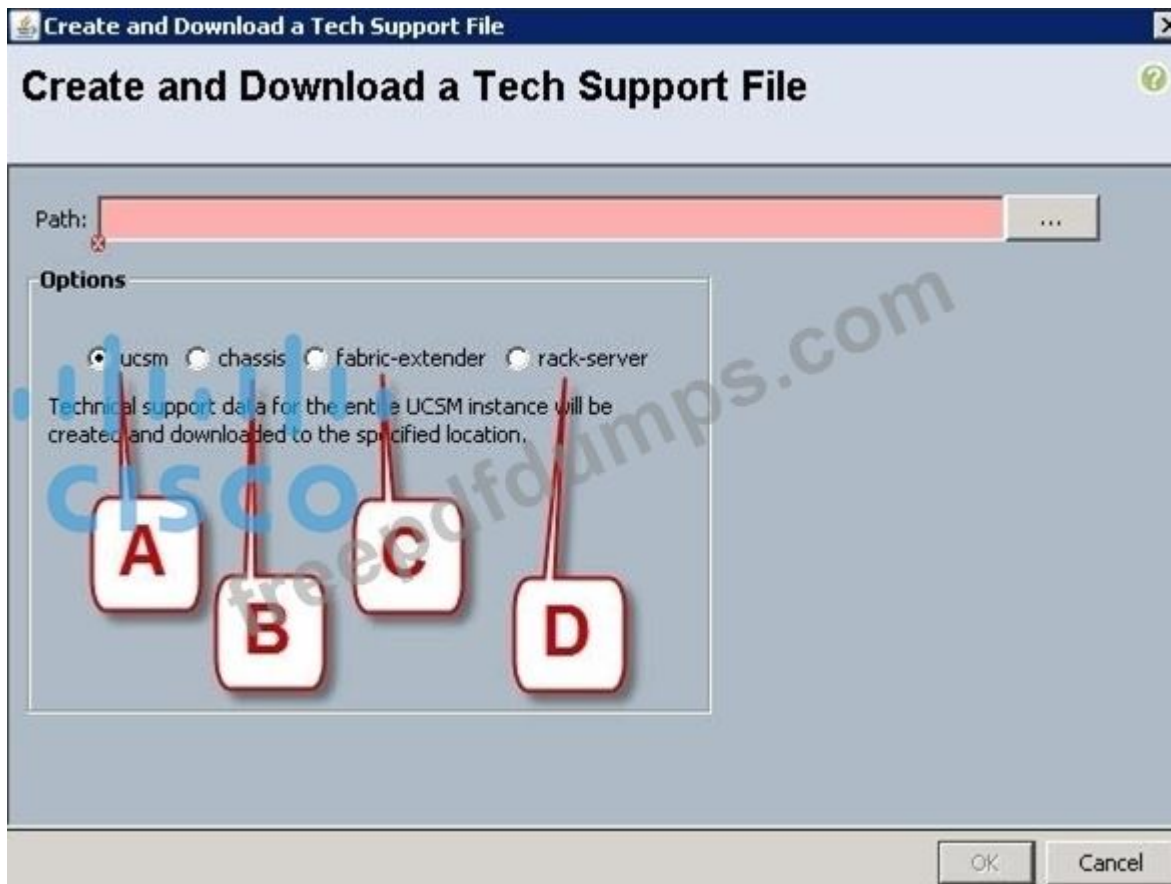
What is the name of this rack-mount server?

- A. Cisco UCS C240 Rack-Mount Server
- B. Cisco UCS C220 Rack-Mount Server
- C. Cisco UCS C460 Rack-Mount Server
- D. Cisco UCS C420 Rack-Mount Server

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 6

Refer to the exhibit.



Which option should you select to get the output of the show tech-support detail command for the Cisco UCS B-Series blade?

- A. D - rack-server
- B. B - chassis

C. C - fabric-extender





D. A - ucsm

Answer: B ([LEAVE A REPLY](#))

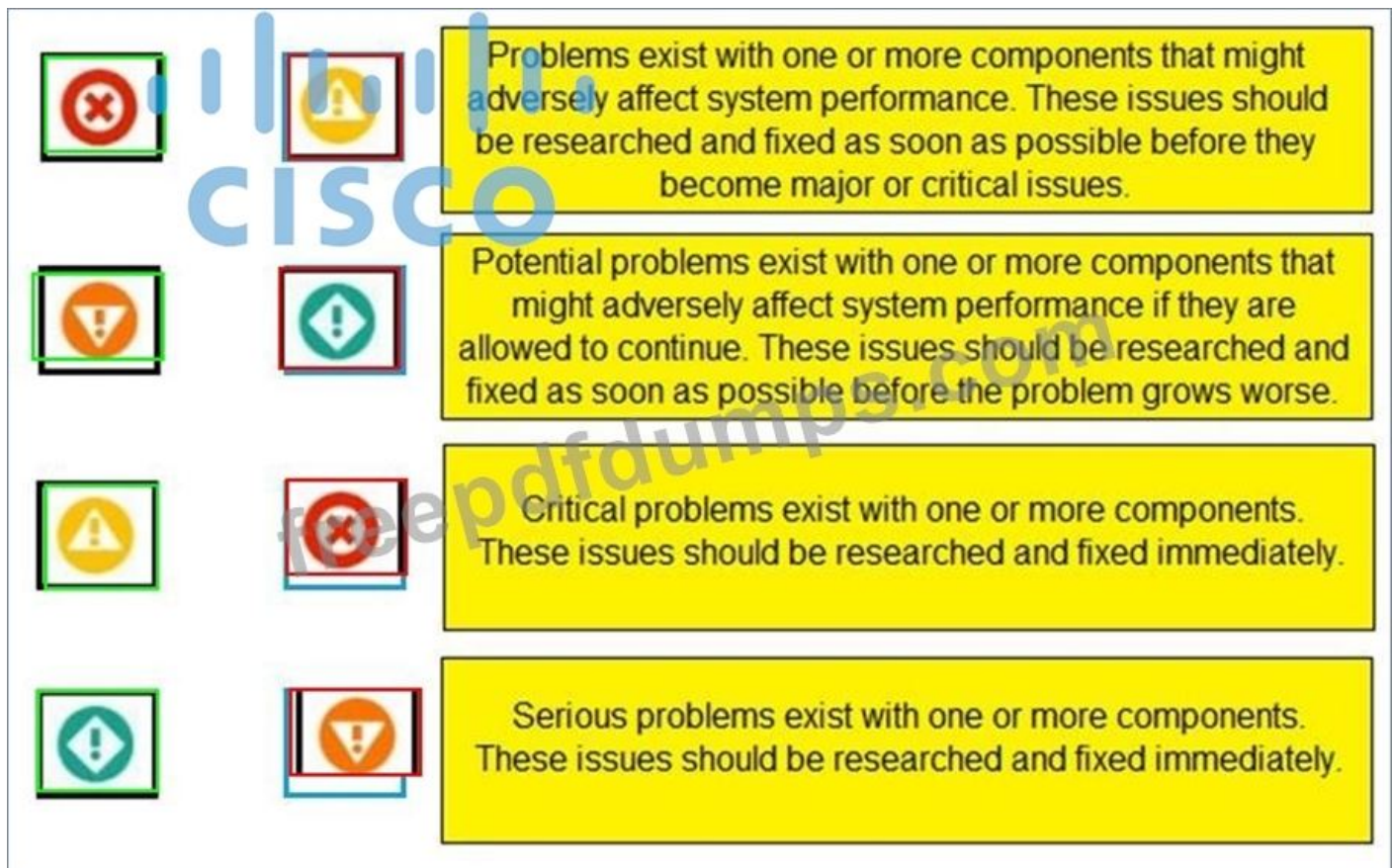
NEW QUESTION: 7



Refer to the exhibit. Match the Fault Icons to the appropriate description.

	<input type="checkbox"/>	Problems exist with one or more components that might adversely affect system performance. These issues should be researched and fixed as soon as possible before they become major or critical issues.
	<input type="checkbox"/>	Potential problems exist with one or more components that might adversely affect system performance if they are allowed to continue. These issues should be researched and fixed as soon as possible before the problem grows worse.
	<input type="checkbox"/>	Critical problems exist with one or more components. These issues should be researched and fixed immediately.
	<input type="checkbox"/>	Serious problems exist with one or more components. These issues should be researched and fixed immediately.

Answer:



NEW QUESTION: 8

Which device provides analysis of Fibre Channel traffic without any network disruption?

- A. Cisco MDS 9000 Data Analyzer Adapter
- B. Cisco MDS 9000 Channel Analyzer Device
- C. Cisco MDS 9000 Port Analyzer Adapter
- D. Cisco MDS 9000 Channel Analyzer Adapter

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

Which command can be used to exit to EXEC mode from this current mode? switch(config-if) #

- A. exit
- B. end
- C. Ctrl-C
- D. Ctrl-L
- E. quit

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Which two specialized tools do you need to service a UCS product? (Choose two.)

- A. Laptop
- B. Needle-nose pliers

- C. Cable Tester
- D. Anti-static Strap
- E. KVM Console to USB 2.0 Portable Laptop Crash Cart

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 11

Which two statements about the Ethernet media are true? (Choose two.)

- A. Compared to multimode fiber, the single-mode fiber is designed for shorter distances with higher cost.
- B. The twinax cables can be found in either a shielded twisted-pair or an unshielded twisted-pair variation.
- C. A twisted-pair cable system has each pair of wires twisted together to reduce electromagnetic interference.
- D. 40 Gigabit Ethernet twinax cables deploy Enhanced Quad Small Form Factor Pluggable (QSFP+) connectors.

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 12

Where do you find the model number of a Cisco MDS 9200 Series chassis?

- A. on the top front of the chassis next to the serial number
- B. on the top front of the chassis next to the Cisco logo
- C. on the bottom front of the chassis next to the Cisco logo
- D. on the bottom front of the chassis next to the serial number

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 13

Refer to the exhibit.



Which three options are features of the Cisco UCS 6248UP Fabric Interconnect front panel? (Choose three.)

- A. Console port
- B. FCoE port
- C. 10 Gb/s port
- D. Fan module
- E. USB port

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

NEW QUESTION: 14

What is the wire transmission speed for 100GBASE-ER4 Ethernet?

- A. 10 Gb/s
- B. 1 Gb/s
- C. 100 Mb/s
- D. 100 Gb/s

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

Which type of optics module is supported by a Cisco Nexus 7700 F4-Series 30-Port 100-Gigabit Ethernet Module?

- A. QSFP28
- B. SFP+
- C. Cisco CPAK
- D. QSFP+

Answer: ([SHOW ANSWER](#))

Explanation/Reference: <https://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-series-switches/datasheet-c78-741486.html>

NEW QUESTION: 16

Refer to the exhibit.

The exhibit shows the Cisco UCS Manager interface for Fabric Interconnect A. The left navigation pane shows the hierarchy: Equipment > Fabric Interconnects > Fabric Interconnect A (subordinate). The main panel displays the 'Physical Display' image and the 'Properties' section. The 'Properties' section includes the following information:

- Name: A
- Product Name: Cisco UCS 6140-P
- Vendor: Cisco Systems, Inc.
- PID: N10-56200
- Revision: 0
- Serial Number (SN): S51132202X0
- Available Memory: 1.696 (GB)
- Total Memory: 3.422 (GB)

The 'Actions' section includes various management options such as 'Internal Fabric Manager', 'LAN Uplinks Manager', 'NAS Appliance Manager', 'SAN Uplinks Manager', 'SAN Storage Manager', 'Enable All Ports', 'Disable All Ports', 'Enable All Server Ports', 'Disable All Server Ports', 'Enable All Uplink Ethernet Ports', 'Disable All Uplink Ethernet Ports', 'Enable All Uplink FC Ports', and 'Disable All Uplink FC Ports'. The 'Firmware' section shows: Boot-loader Version: v1.3.0(09/08/09), Kernel Version: 4.2(1)N1(1.4m), System Version: 4.2(1)N1(1.4m), and Package Version: 1.4(1m)A.

Where is the best place to see bootflash free space?

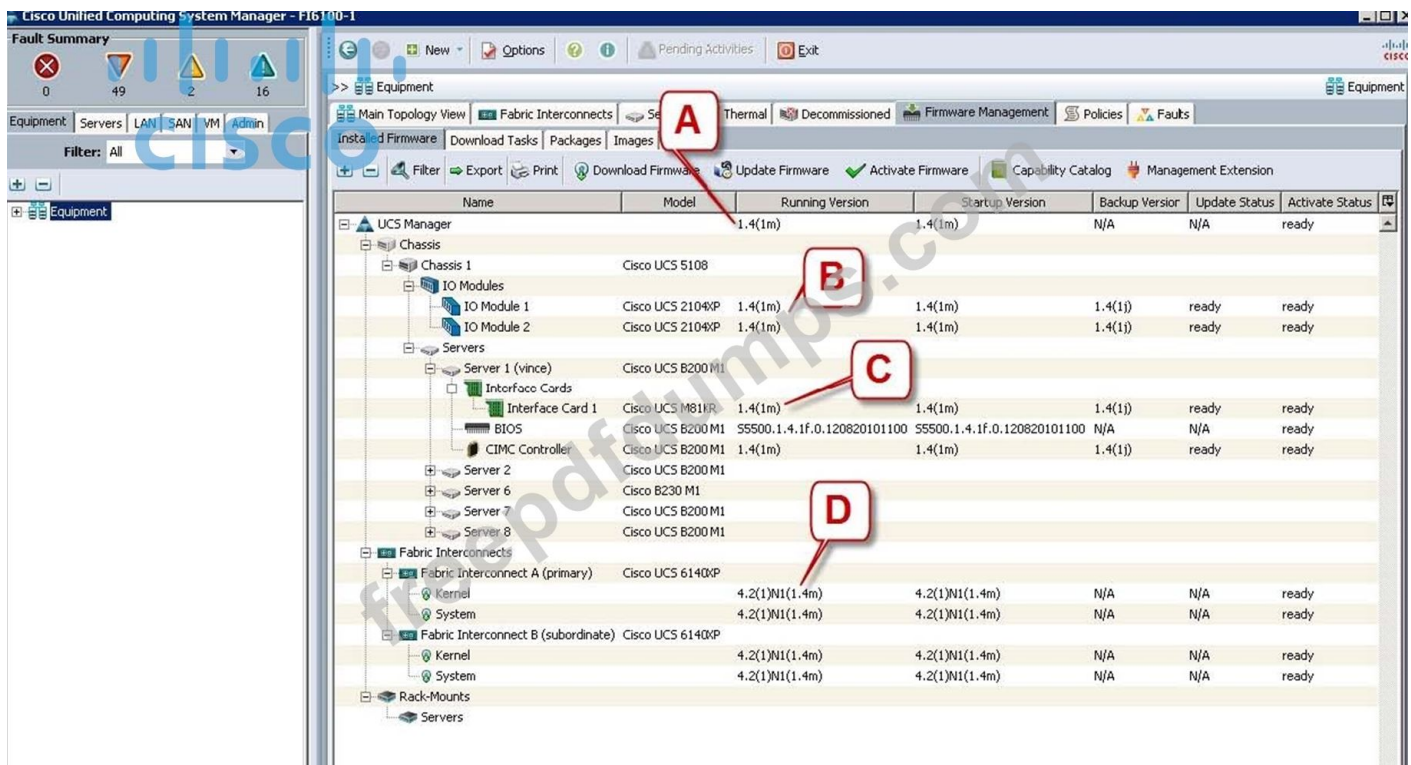
- A. B - Total Memory

- B. A - Available Memory
 - C. D - High Availability Details
 - D. C - Local Storage Information
- Answer: D (LEAVE A REPLY)**

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NEW QUESTION: 17

Refer to the exhibit.



Which call-out accurately shows the current running version of the Cisco UCS Manager management software?

- A. D - Kernel running version 4.2(1)N(1.4m)
- B. A - UCS Manager running version 1.4(1m)
- C. C - Interface Card 1 running version 1.4(1m)
- D. B - IO Module 1 running version 1.4(1m)

Answer: B (LEAVE A REPLY)

NEW QUESTION: 18

When replacing a standalone C-Series server which order will be used to shut down the server via CIMC?

- A. Click Power off, Click Shut off
- B. Click Power off, Click Shut down
- C. Click Host power, Click Shut off
- D. Click Host power, Click Shut down

Answer: B (LEAVE A REPLY)

Explanation/Reference:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c/sw/gui/config/guide/1-0_1x/b_Cisco_UCS_C-

[Series_Servers_Integrated_Management_Controller_Configuration_Guide_1-0_1x/](#)

[Cisco_UCS_C-Series_Servers_Integrated_Management_Controller_Configuration_Guide_1-0_1x_chapter3.html#task_99CD607A55D6405BBCD4BB72AC93B5E2](#)

NEW QUESTION: 19

A company wants to build a data center infrastructure which can provide up to 99.982% uptime availability per year. Which ANSI/TIA-942 data center tier meets the requirement?

- A. Redundant-distribution site infrastructure
- B. Concurrently maintainable site infrastructure
- C. Basic site infrastructure
- D. Redundant-capacity component site infrastructure

Answer: B (LEAVE A REPLY)

NEW QUESTION: 20

Refer to the exhibit.

The screenshot displays the Cisco Integrated Management Controller (CIMC) web interface. The main content area shows the following information:

- Cisco Integrated Management Controller (Cisco IMC) Information:**
 - Product Name: UCS C240 M4S
 - Serial Number: FCH1523V3EX
 - PID: UCS-C240-M4S
 - GUID: 2770515D-6843-48A4-B296-9FF90D18859C
 - BIOS Version: C240M4.4.0.2a.0.1523180340
 - Description: [Empty field]
 - Asset Tag: [Empty field]
 - Hostname: C240-FCH1523V3EX
 - IP Address: 10.0.2.21
 - MAC Address: E8:65:48:74:0D:82
 - Firmware Version: 4.0(2a)
 - Current Time (UTC): Tue Apr 30 08:28:00 2018
 - Local Time: Tue Apr 30 08:28:00 2018 UTC +0000
 - Timezone: UTC
- Chassis Status:**
 - Power State: On
 - Overall Server Status: Good
 - Temperature: Good
 - Overall DIMM Status: Good
 - Fans: Good
 - Locator LED: Off
 - Overall Storage Status: Good
- Server Utilization:** A bar chart showing utilization levels for Overall Utilization (~40%), CPU Utilization (~35%), and Memory Utilization (~30%).

Refer to the exhibit. What is the name and function of the icon labeled C?

- A. Pin icon to prevent the Navigation pane from sliding
- B. Favorite Icon to make any specific work pane in the application a favorite
- C. Index Icon to view listings in alphabetical order
- D. Menu Icon to view the Navigation pane

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

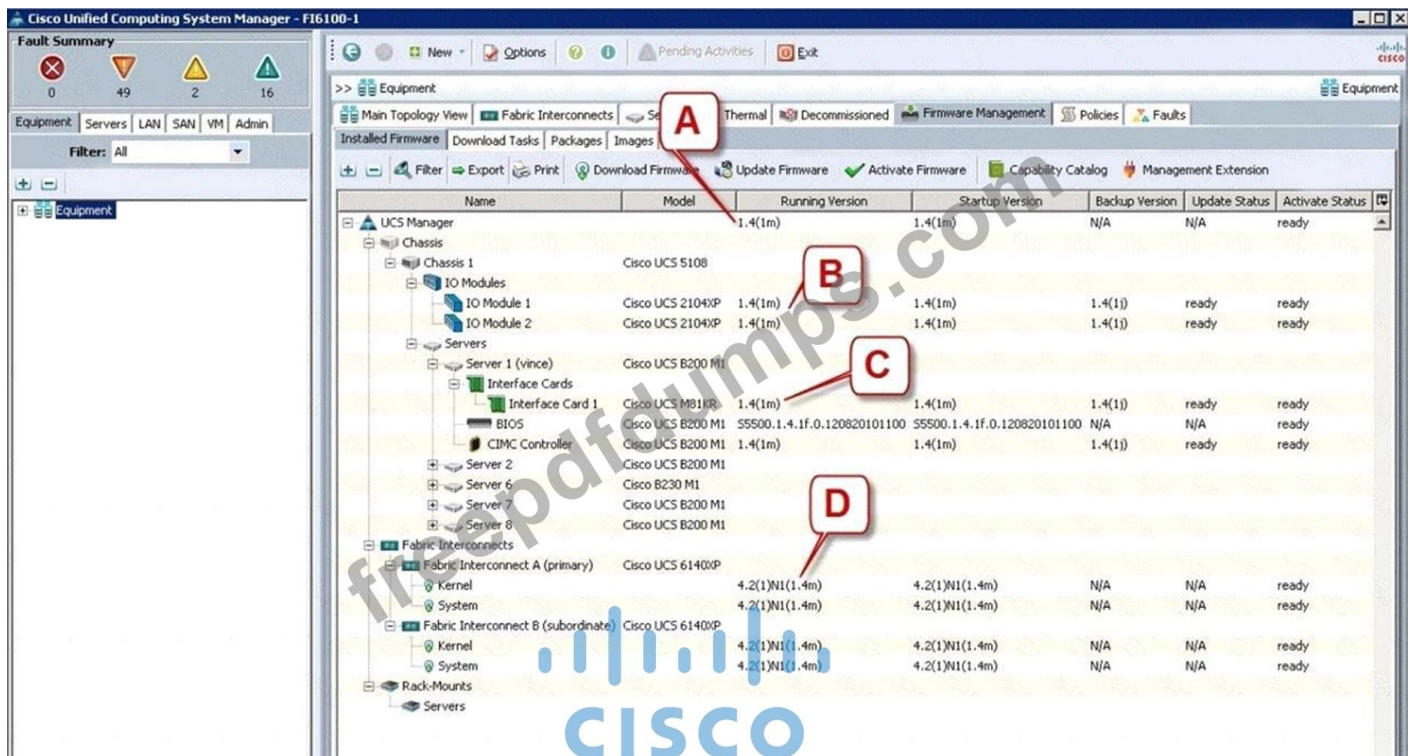
Which three options are the minimum browser requirements to log into the Cisco CIMC GUI? (Choose three.)

- A. Adobe Shockwave Player 11 or higher
- B. Java 1.6 or higher
- C. Adobe Flash Player 10 or higher
- D. Internet Explorer version 10
- E. Firefox 26.0
- F. HTTP and HTTPS enabled

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

Refer to the exhibit.



Which call-out accurately shows the current running version of the Cisco UCS Manager management software?

- A. C - Interface Card 1 running version 1.4(1m)
- B. A - UCS Manager running version 1.4(1m)
- C. D - Kernel running version 4.2(1)N(1.4m)

D. B - IO Module 1 running version 1.4(1m)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Which cable is used to access the command-line interface of a Cisco UCS 6120XP Fabric Interconnects?

- A. Ethernet cable
- B. SFP+ Ethernet transceiver cable
- C. KVM cable
- D. console cable

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 24

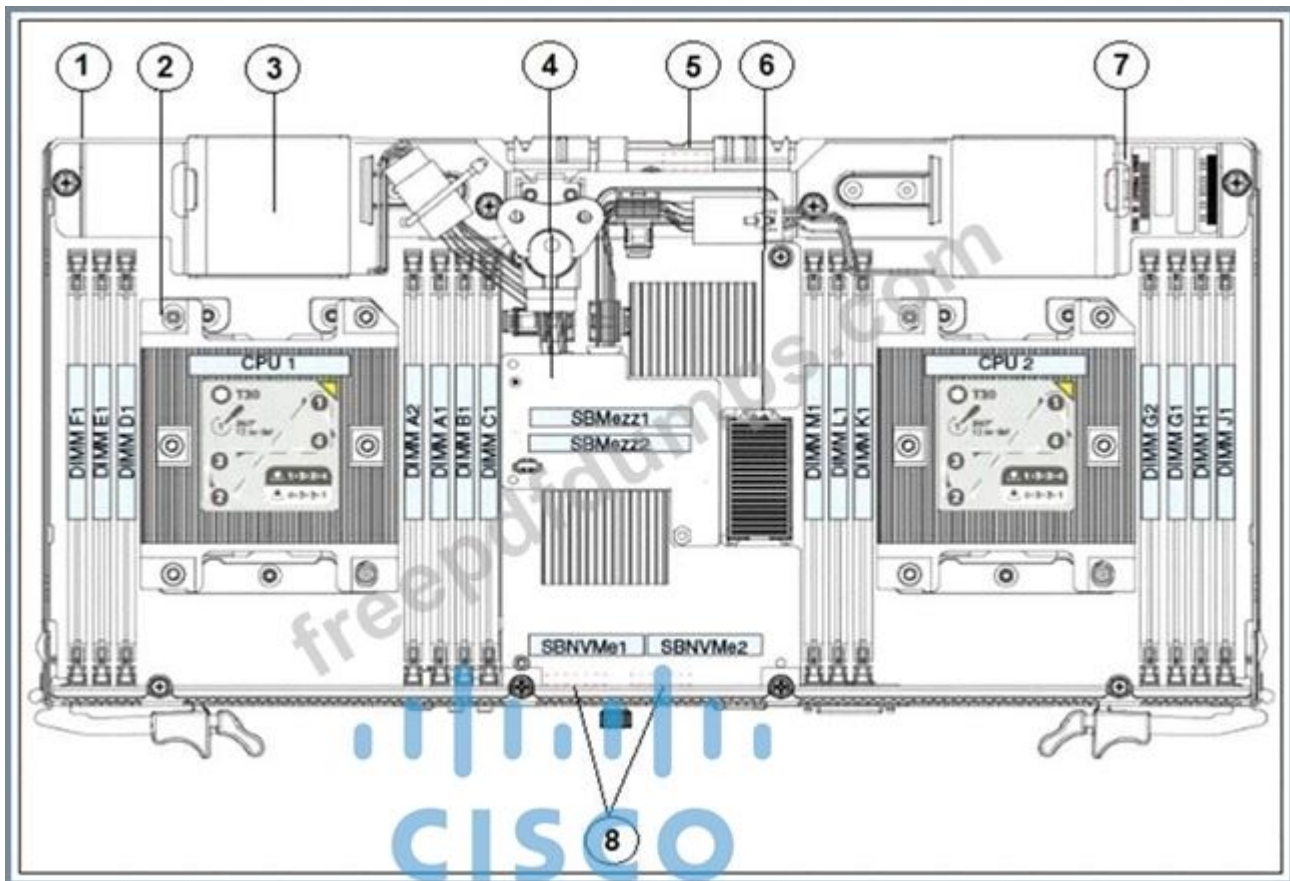
Which statement about RAID is true?

- A. RAID parity information can be stored across multiple RAID levels.
- B. RAID is a scheme used to logically combine several independent disks to form an array or group of drives.
- C. RAID provides data redundancy with either odd parity or even parity.
- D. RAID drive group appears to the host computer as multiple physical storage units.
- E. RAID stores data in the array with data striping, encryption, and parity to organize the data among the disks.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 25

Refer to the exhibit.



What item does 6 represent?

- A. RAID supercap connector
- B. RTC battery CR2032 socket
- C. Trusted platform module (TPM) socket
- D. Mezzanine-style connector for optional I/O expander module

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

To do a password recovery on a Cisco NX-OS Switch, which option shows the correct syntax to display the bootflash contents at the switch(`boot`)#?

- A. display bootflash:
- B. dir bootflash:
- C. show bootflash:
- D. find bootflash

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 27

What is the maximum number of supervisor modules that the Cisco MDS 9710 Switch supports?

- A. 1
- B. 8
- C. 4
- D. 6

E. 2

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 28

Refer to the exhibit.



Which item list all available functions that can be perform to the server?

- A. C
- B. A
- C. D
- D. B

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 29

Which three components are hot swappable in a Cisco UCS Blade Server and Chassis? (Choose three.)

- A. Power supply
- B. Fabric Extender
- C. SAS Hard Drive
- D. 2x8GB Kit DIMMs
- E. Heat sink
- F. Mezzanine card

Answer: A,B,C ([LEAVE A REPLY](#))

NEW QUESTION: 30

Refer to the exhibit.



Which statement correctly identifies the front panel LEDs on the Cisco UCS C220 Server?

- A. A is power button and power status LED; B is identification button and LED; C is system status LED; D is network link activity LED.
- B. A is network link activity LED; B is system status LED; C is identification button and LED; D is power button and power status LED.
- C. A is network link activity LED; B is system status LED; C is power button and power status LED; D is identification button and LED.
- D. A is system status LED; B is network link activity LED; C is power button and power status LED; D is identification button and LED.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 31

Refer to the exhibit.



Which item does F represent?

- A. HDD 1
- B. CMOS Battery
- C. SuperCap Module
- D. CPU 2
- E. TFP Module

Answer: D ([LEAVE A REPLY](#))

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NEW QUESTION: 32

What is the maximum distance that the 40GBASE-LR4 Ethernet standard can span?

- A. 550 m
- B. 10 km
- C. 40 km
- D. 80 km

Answer: **B (LEAVE A REPLY)**

Explanation/Reference:

NEW QUESTION: 33

Refer to the exhibit.

The screenshot displays the Cisco UCS Manager interface for Fabric Interconnect A. On the left, a tree view shows the hierarchy: Equipment > Chassis > Fabric Interconnects > Fabric Interconnect A (subordinate). The main panel shows details for this component. Callout A points to the 'Available Memory' field in the Properties section, which shows 1.69G (GD). Callout B points to the 'Product Name' field, which is Cisco UCS 6140. Callout C points to the 'Actions' section, specifically the 'Enable All Ports' option. Callout D points to the 'Firmware' section, specifically the 'Boot loader version' field, which is v1.3.0(09/08/09).

Where is the best place to see bootflash free space?

- A. A - Available Memory

- B. C - Local Storage Information
- C. B - Total Memory
- D. D - High Availability Details

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

What is the maximum number of supervisor modules that the Cisco MDS 9710 Switch supports?

- A. 4
- B. 6
- C. 8
- D. 2
- E. 1

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 35

What enables NVM Express host software to communicate with nonvolatile memory?

- A. SATA
- B. SAS
- C. SCSI
- D. PCIe

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 36

Drag the password recovery procedures on a Cisco NX-OS switch from the left to the right and place them in order.

Drag the password recovery procedures on a Cisco NX-OS switch from the left to the right and place them in order.	
Log in to the switch using the new administrator password.	Step 1
Reset the network administrator password.	Step 2
Load the Cisco NX-OS system software image.	Step 3
Power-cycle the switch.	Step 4
Reset the new password to ensure that it is also the Simple Network Management Protocol (or SNMP) password.	Step 5
To enter the boot prompt mode, press the Ctrl-] key sequence from the console port session when the switch begins the Cisco NX-OS software boot sequence.	Step 6
Save the configuration.	Step 7
Display the bootflash: contents to locate the Cisco NX-OS software image.	Step 8

Answer:

Drag the password recovery procedures on a Cisco NX-OS switch from the left to the right and place them in order.

Log in to the switch using the new administrator password.	Power-cycle the switch.
Reset the network administrator password.	To enter the boot prompt mode, press the Ctrl-] key sequence from the console port session when the switch begins the Cisco NX-OS software boot sequence.
Load the Cisco NX-OS system software image.	Reset the network administrator password.
Power-cycle the switch.	Display the bootflash: contents to locate the Cisco NX-OS software image.
Reset the new password to ensure that it is also the Simple Network Management Protocol (or SNMP) password.	Load the Cisco NX-OS system software image.
To enter the boot prompt mode, press the Ctrl-] key sequence from the console port session when the switch begins the Cisco NX-OS software boot sequence.	Log in to the switch using the new administrator password.
Save the configuration.	Reset the new password to ensure that it is also the Simple Network Management Protocol (or SNMP) password.
Display the bootflash: contents to locate the Cisco NX-OS software image.	Save the configuration.

Power-cycle the switch.

To enter the boot prompt mode, press the Ctrl-] key sequence from the console port session when the switch begins the Cisco NX-OS software boot sequence.

Reset the network administrator password.

Display the bootflash: contents to locate the Cisco NX-OS software image.

Load the Cisco NX-OS system software image.

Log in to the switch using the new administrator password.

Reset the new password to ensure that it is also the Simple Network Management Protocol (or SNMP) password.

Save the configuration.

NEW QUESTION: 37

In the Cisco UCS S3260 Storage Server which two of the below ports are available on a System I/O Controller?

(Choose two.)

A. Dedicated Management port

- B. PCIe ports
- C. KVM Console port
- D. QSFP port
- E. Ethernet LOM port

Answer: B,D (LEAVE A REPLY)

Explanation

Explanation/Reference: <https://www.cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/ucs-s-series-storage-servers/s3260-specsheet.pdf> page 3

NEW QUESTION: 38

Which two statements about Cisco UCS 6454 Fabric Interconnect are true? (Choose two.)

- A. Provides the management and communication backbone for the Cisco UCS 5108 Server Chassis and Cisco UCS B-Series Blade Servers only.
- B. All Ethernet ports can support FCoE.
- C. 1-RU 10/25/40/100/200/400 Gigabit Ethernet, FCoE, and Fibre Channel switch offers up to 32 ports.
- D. Provides both the LAN and SAN connectivity for all servers within its domain.
- E. It hosts and runs Cisco Integrated Management Controller (CIMC).

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 39

Which Cisco Nexus 5000 Series model supports 1/10G BASE-T ports?

- A. Cisco Nexus 5596T
- B. Cisco Nexus 5548P
- C. Cisco Nexus 5548UP
- D. Cisco Nexus 5596UP

Answer: (SHOW ANSWER)

NEW QUESTION: 40

Refer to the exhibit.



What is the name of this rack-mount server?

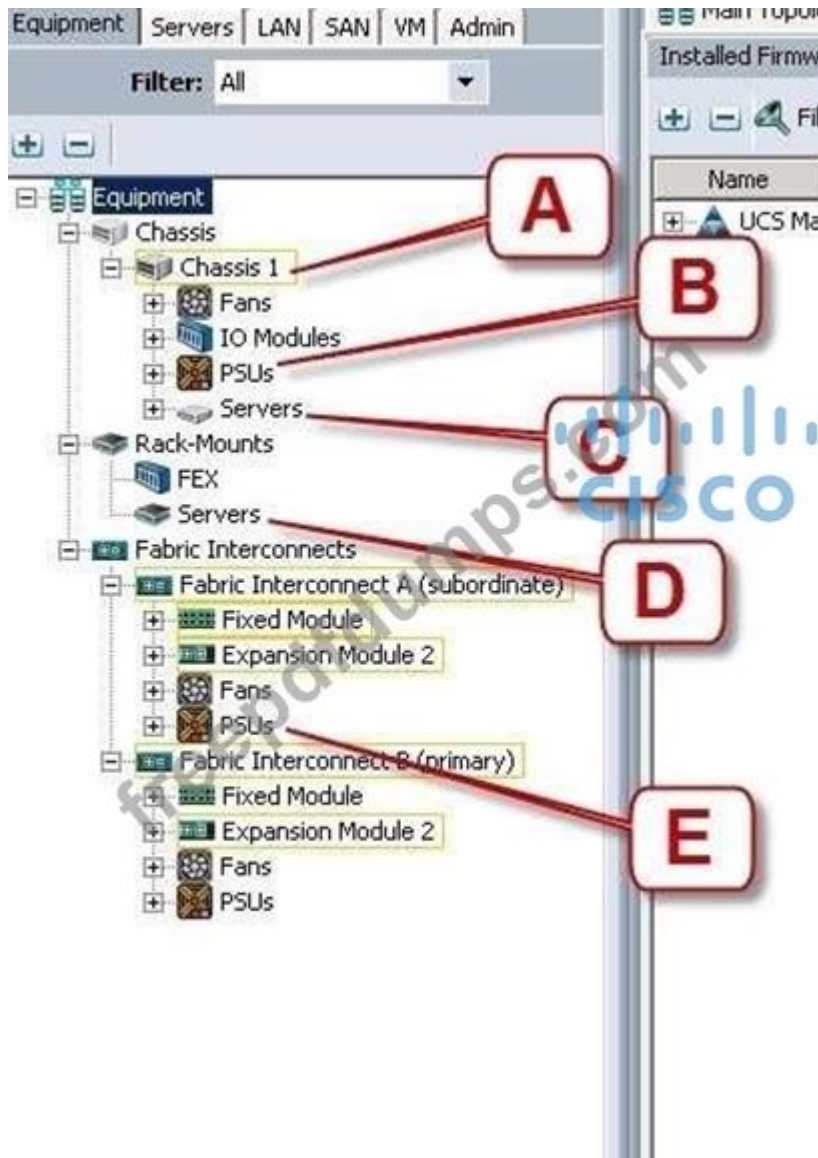
- A. Cisco UCS C240 Rack-Mount Server
- B. Cisco UCS C220 Rack-Mount Server
- C. Cisco UCS C420 Rack-Mount Server

D. Cisco UCS C460 Rack-Mount Server

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 41

Refer to the exhibit.



Where is the best place to see the power supply status of the blade server enclosure?

- A. A - Chassis 1
- B. B - Chassis 1 - PSUs
- C. C - Chassis1 - Servers
- D. D - Rack-Mounts - Servers
- E. E - Fabric Interconnects A - PSUs

Answer: B ([LEAVE A REPLY](#))

Explanation

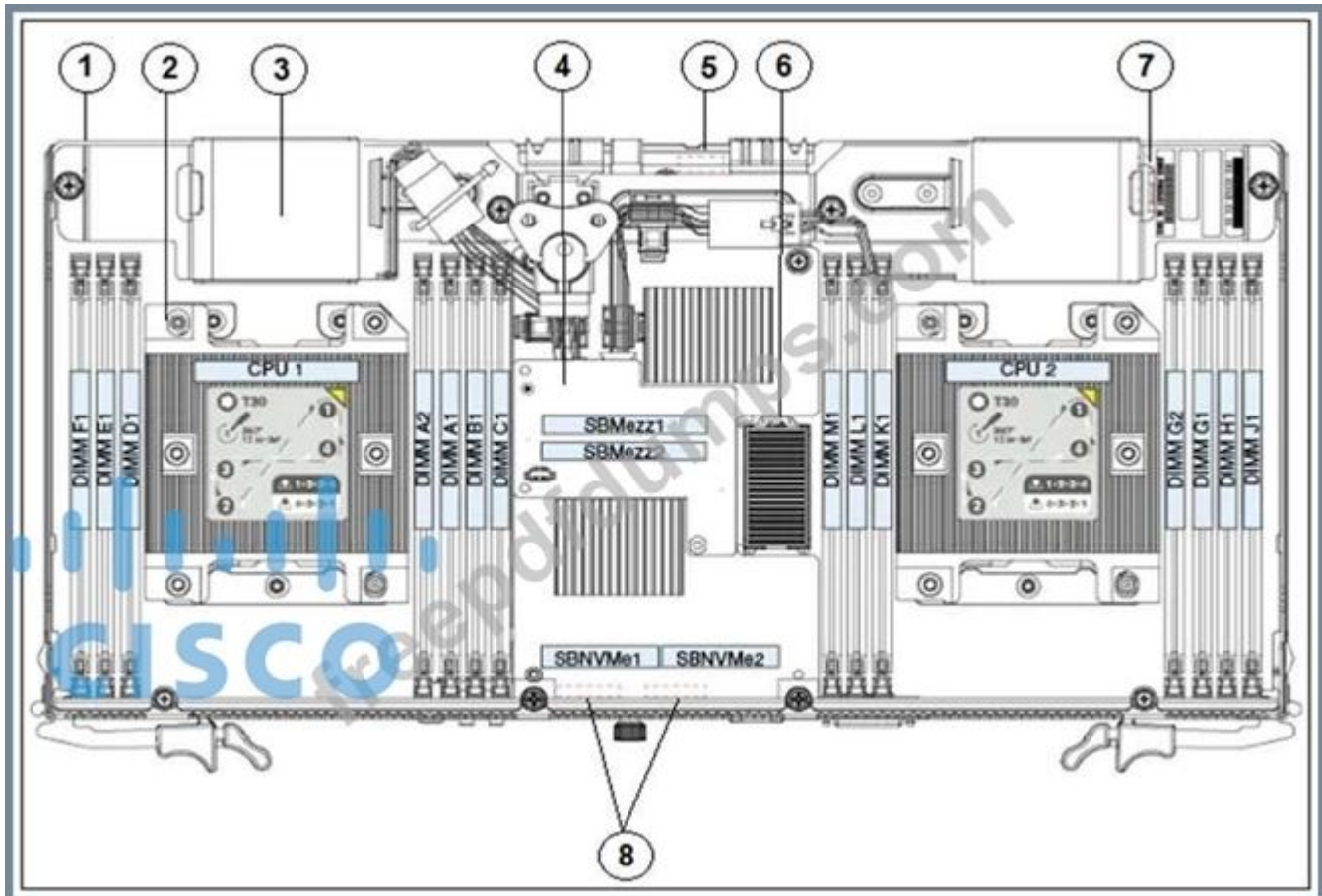
NEW QUESTION: 42

Which two commands display the version of Cisco NX-OS code that the device is currently running on? (Choose two.)

- A. show interface
- B. show boot
- C. show module
- D. show license
- E. show version

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 43



Refer to the exhibit. What item does 6 represent?

- A. Trusted platform module (TPM) socket
- B. RAID supercap connector
- C. RTC battery CR2032 socket
- D. Mezzanine-style connector for optional I/O expander module

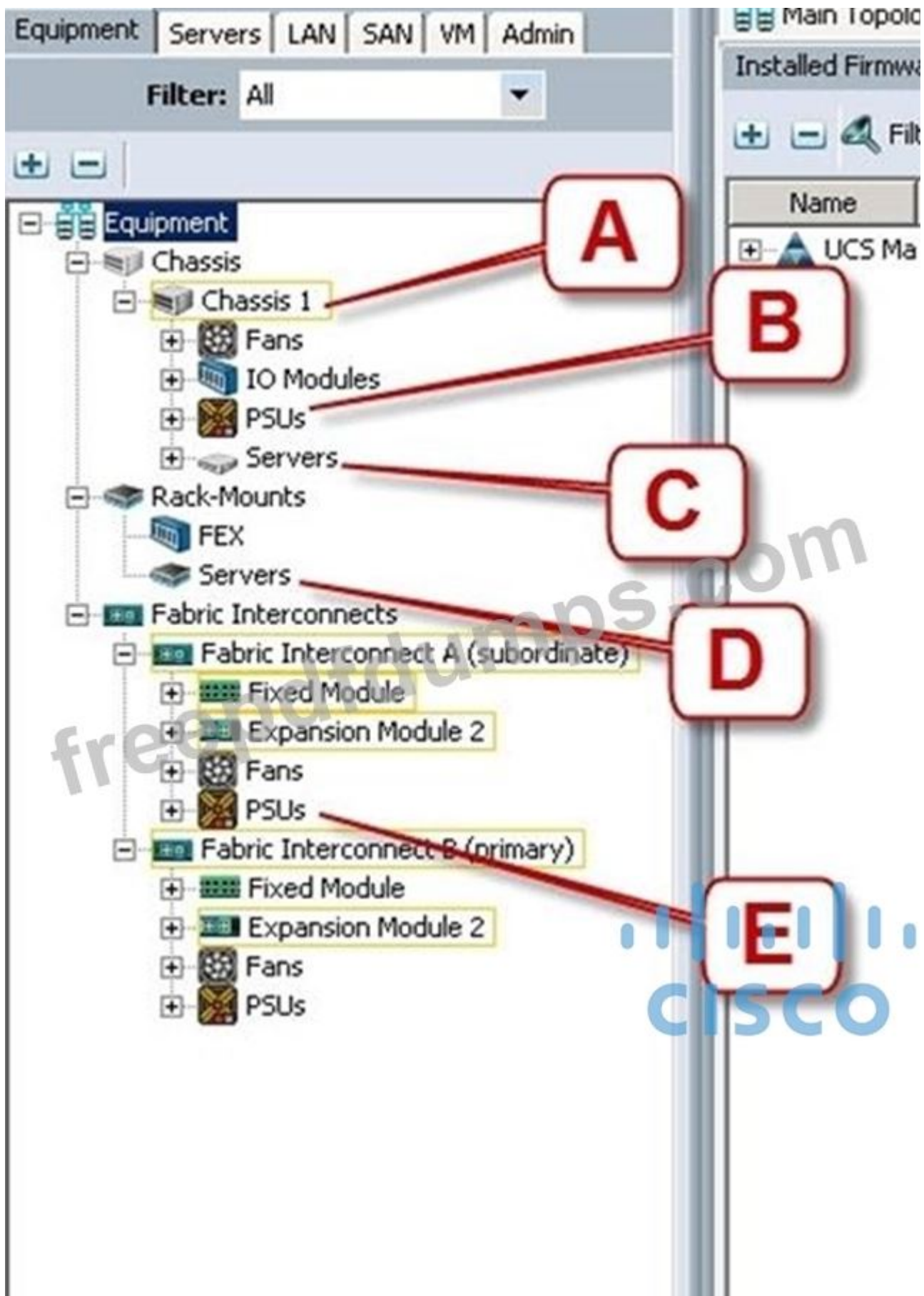
Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/s/hw/S3260M5/install/S3260M5/S3260M5_chapter_00.html

NEW QUESTION: 44

Refer to the exhibit.



Where is the best place to see the power supply status of the blade server enclosure?

- A. B - Chassis 1 - PSUs
- B. C - Chassis1 - Servers

- C. A - Chassis 1
- D. D - Rack-Mounts - Servers
- E. E - Fabric Interconnects A - PSUs

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 45

Which two major components does a Cisco Nexus 1000V Series Switch have? (Choose two.)

- A. Virtual Ethernet Module
- B. Virtual Memory Controller Module
- C. Virtual Fiber Channel Module
- D. Virtual Supervisor Module
- E. Virtual Network Module

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 46

Drag the cable or connector on the left to the correct interface on the right.

Drag the cable or connector on the left to the correct interface on the right.

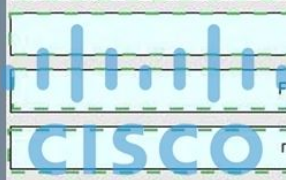
KVM dongle	Fabric Interconnect to Fabric Extender
straight-through Ethernet cable	console port
mini USB cable	MDS
Twinax cable	C-Series Rack Server
Fiber Channel SFP	from laptop to Management Port
rolled RJ-45 cable	
SAS cable	

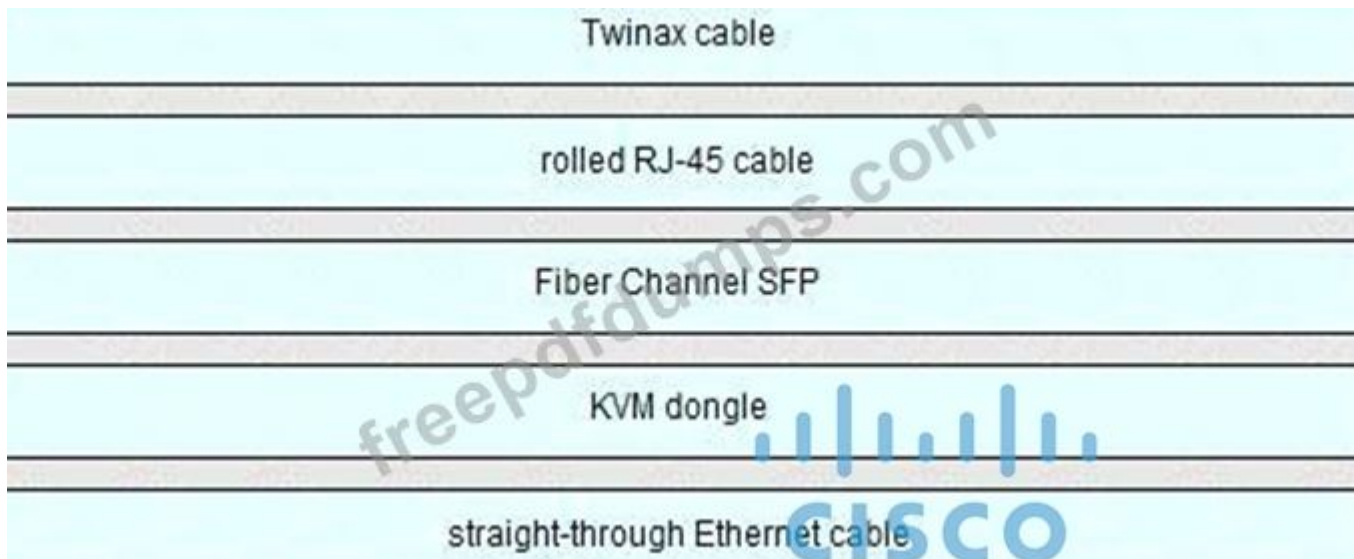


Answer:

Drag the cable or connector on the left to the correct interface on the right.

KVM dongle	Twinax cable
straight-through Ethernet cable	rolled RJ-45 cable
mini USB cable	Fiber Channel SFP
Twinax cable	KVM dongle
Fiber Channel SFP	straight-through Ethernet cable
rolled RJ-45 cable	
SAS cable	





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NEW QUESTION: 47

Cisco UCS 5100 Blade Server Chassis supports which two devices? (Choose two.)

- A. S-Series Storage servers
- B. E-Series Servers
- C. Rack-mount Servers
- D. Blade servers
- E. Fiber Extenders

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 48

Refer to the exhibit.



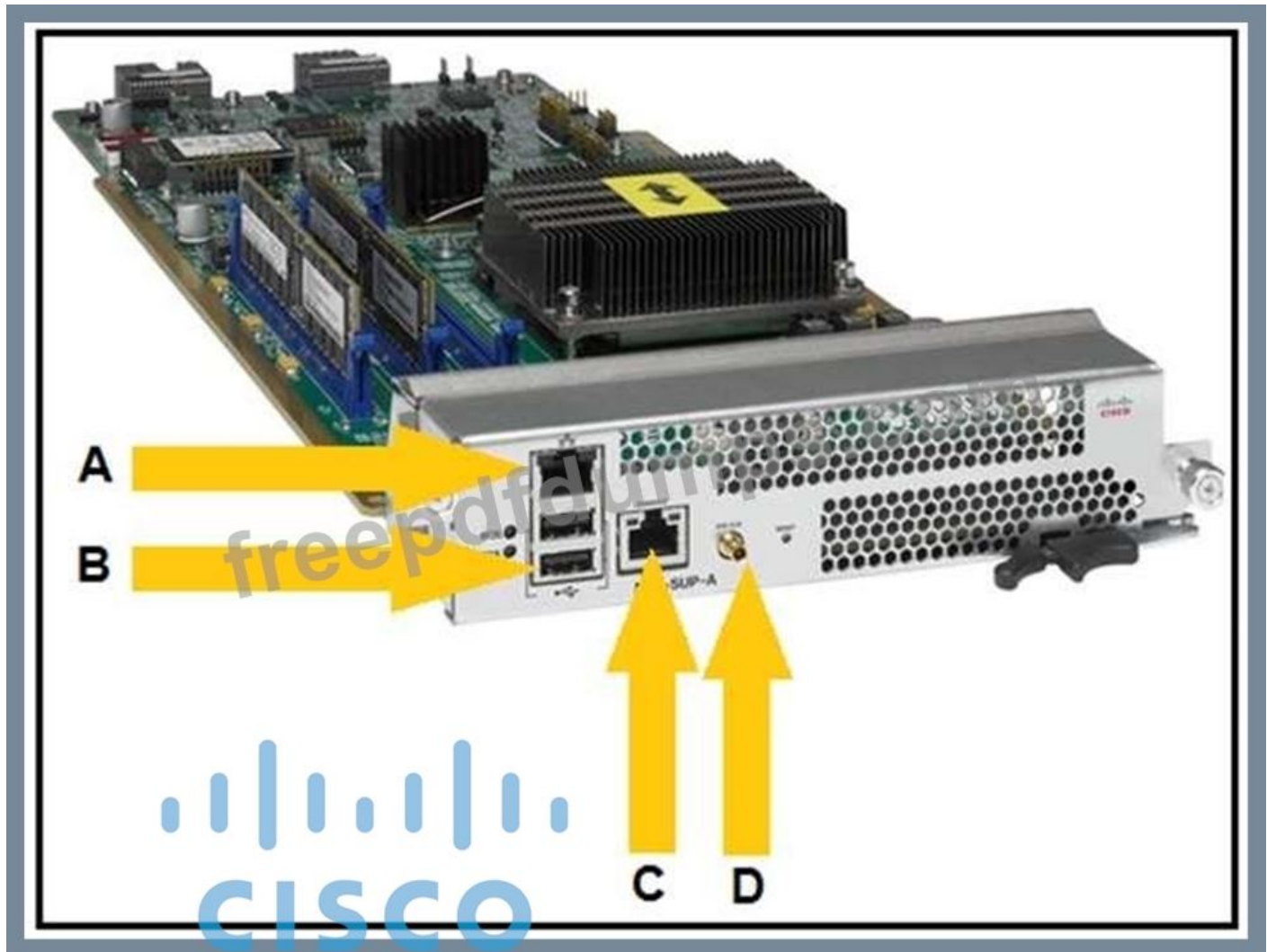
Which item does 3 represent?

- A. Operate as 40-Gbps QSFP+ ports or as 4 * 10-Gbps SFP+ breakout ports

- B. Operate as 40-Gbps QSFP+ ports, and support QSA adapters to provide 1-Gbps to 10-Gbps operation
- C. Operate as port lane switch button, port lane LEDs, and Layer 1 and Layer 2 ports.
- D. Operate as dedicated 40-Gbps, QSFP+ uplink ports.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 49



Refer to the exhibit. Which statement correctly identifies the hardware features on the Cisco Nexus 9500 Series supervisor A modules?

- A. A is 10/100/1000 Management port; B is USB port; C is Console port; D is external clock input
- B. A is Console port; B is USB port; C is 10/100/1000 Management port; D is external clock input
- C. A is Optical port; B is USB port; C is 10/100/1000 Management port; D is external clock input
- D. A is Console port; B is USB port; C is 10/100/1000 Management port; D is Diagnostic port

Answer: B ([LEAVE A REPLY](#))



Reference: <https://www.cisco.com/c/en/us/products/collateral/switches/nexus-9000-series-switches/white-paper-c11-729987.html>

NEW QUESTION: 50

In Cisco UCS C480 M5 server, which PCIe slot is the default slot for the rear RAID controller when the rear drive module is used with SAS/SATA drives?

- A. PCIe slot 09
- B. PCIe slot 10
- C. PCIe slot 11
- D. PCIe slot 12

Answer: C (LEAVE A REPLY)

Explanation/Reference:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c/hw/C480M5/install/C480M5/C480M5_chapter_01.html

NEW QUESTION: 51

Refer to the exhibit.



Which item does C represent?

- A. CMOS Battery
- B. GPU

- C. mLOM Connector
- D. Mini Storage Connector
- E. Internal USB

Answer: D (LEAVE A REPLY)

NEW QUESTION: 52

Drag the password recovery procedures on a Cisco NX-OS switch from the left to the right and place them in order.

Select and Place:

Drag the password recovery procedures on a Cisco NX-OS switch from the left to the right and place them in order

Log in to the switch using the new administrator password.	
Reset the network administrator password.	
Load the Cisco NX-OS system software image.	
Power-cycle the switch.	
Reset the new password to ensure that it is also the Simple Network Management Protocol (or SNMP) password.	
To enter the boot prompt mode, press the Ctrl-] key sequence from the console port session when the switch begins the Cisco NX-OS software boot sequence.	
Save the configuration.	
Display the bootflash: contents to locate the Cisco NX-OS software image.	

Answer:

Drag the password recovery procedures on a Cisco NX-OS switch from the left to the right and place them in order

	Enter the boot prompt mode
	To enter the boot prompt mode session when the switch b
	Reset the r
	Display the bootflash: cont
	Load the Cis
	Log in to the switch
	Reset the new password to ens Prot
	S

NEW QUESTION: 53

Which two statements are true for the Ethernet 802.3 standard? (Choose two.)

- A. An 802.3 Ethernet frame is 68 to 1518 bytes in length.
- B. Network layer protocol is carried in the payload field.
- C. CSMA/CD eliminates collisions for the switched LAN where multiple collision domains reside.
- D. The IEEE 802.3ab standard defines 10 Gigabit Ethernet over unshielded twisted-pair (UTP).
- E. It defines physical layer and data link layer protocols.

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 54

Refer to the exhibit.



Which Cisco MDS chassis supports the 48-Port 16-Gbps Fibre Channel Switching Module?

- A. MDS 9710

- B. MDS 9509
- C. MDS 9506
- D. MDS 9513

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 55

If the Overall Status for a Cisco UCS B-Series Blade Server indicates a failure in the Cisco UCS Manager, such as discovery-failed, which statement is true?

- A. The server shuts down.
- B. The endpoints on that server cannot be upgraded.
- C. The server automatically reboots in 3 minutes.
- D. The server is online, but the administrator cannot assign a service profile to that blade.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 56

Refer to the exhibit.



Which Cisco MDS chassis supports the 48-Port 16-Gbps Fibre Channel Switching Module?

- A. MDS 9509
- B. MDS 9513
- C. MDS 9710
- D. MDS 9506

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 57

In Cisco UCS C480 M5 server, which PCIe slot is the default slot for the rear RAID controller when the rear drive module is used with SAS/SATA drives?

- A. PCIe slot 09
- B. PCIe slot 11

C. PCIe slot 12

D. PCIe slot 10

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 58

Which command saves the active configuration to NVRAM?

A. copy startup-config running-config

B. copy backup-config active-config

C. copy running-config startup-config

D. copy active-config backup-config

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 59

Refer to the exhibit.



Which item does F represent?

A. CPU 2

B. TFP Module

C. CMOS Battery

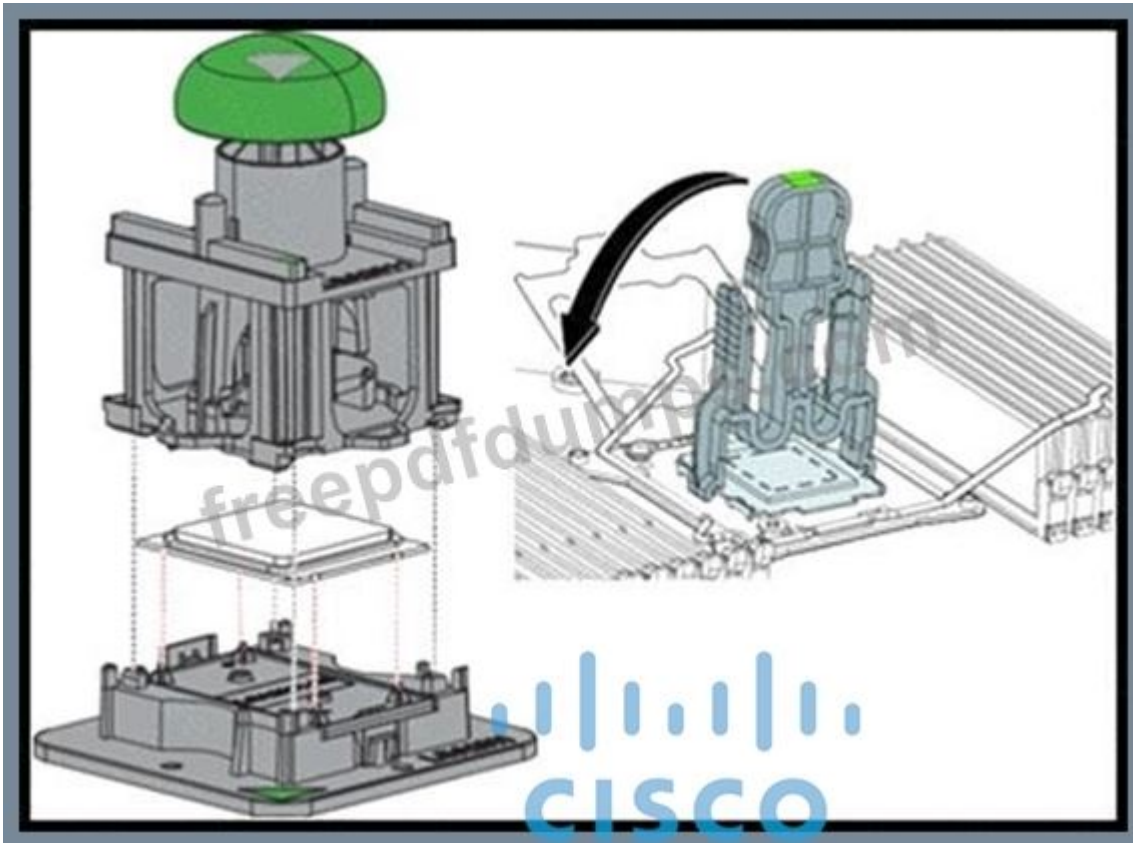
D. SuperCap Module

E. HDD 1

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 60

Refer to the exhibit.



This image shows a CPU Pick-and-Place tool and a CPU Socket Protective Cap Removal tool. Which types of Cisco UCS servers and Intel Xeon processors do these tools support?

- A. Cisco UCS B22 Blade Server, C22 Rack Server, and C24 Rack Server with Intel Xeon E5-2600 Series processors
- B. Cisco UCS B22 Blade Server, C22 Rack Server, and C24 Rack Server with Intel Xeon E5-2400 Series processors
- C. Cisco UCS B200 M3 Blade Server, B420 M3 Blade Server, C220 Rack Server, C240 Rack Server, and C420 Rack Server with Intel Xeon E5-2400 Series processors
- D. Cisco UCS B200 M3 Blade Server, B420 M3 Blade Server, C220 Rack Server, C240 Rack Server, and C420 Rack Server with Intel Xeon E5-2600 Series processors

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 61

Storage virtualization is commonly used for SANs in data centers to scale out the storage resources. The common methods of storage virtualization include array-based storage virtualization. What are the other two methods? (Choose two.)

- A. Switch-based storage virtualization
- B. Embedded-based storage virtualization
- C. Hypervisor-based storage virtualization
- D. Host-based storage virtualization
- E. Network-based storage virtualization

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 62

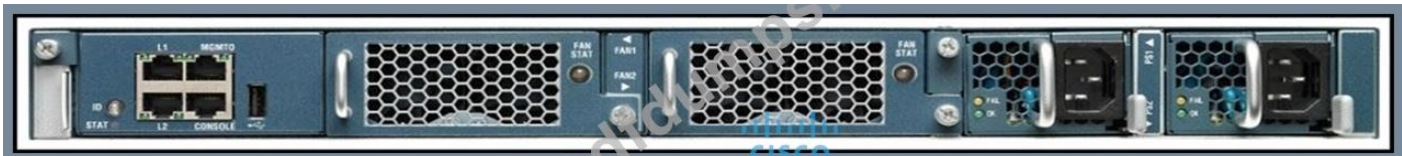
What are the two layers in the SAN hierarchy? (Choose two.)

- A. Storage layer
- B. Fabric layer
- C. Switch layer
- D. Protocol layer
- E. Connection layer

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 63

Refer to the exhibit.



Which three options are features of the Cisco UCS 6248UP Fabric Interconnect front panel?
(Choose three.)

- A. Console port
- B. FCoE port
- C. 10 Gb/s port
- D. USB port
- E. Fan module

Answer: A,D,E (LEAVE A REPLY)

NEW QUESTION: 64

Refer to the exhibit.



What is the name of this Cisco Nexus 3000 Series Switch?

- A. Cisco Nexus 3016
- B. Cisco Nexus 3132Q
- C. Cisco Nexus 3524
- D. Cisco Nexus 3172PQ

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 65

After installation or replacement of a Cisco UCS C-Series Rack-Mount Server, the host does not boot.

Which four options should be verified? (Choose four.)

- A. Reseat the DIMMs, CPU, and PCI cards.
- B. Reseat the mezzanine card connector.
- C. Check the Cisco IMC for fan faults.
- D. Verify that power supplies are receiving power.
- E. Check the CPU sockets for bent pins.
- F. Check for loose HDD cables.
- G. Verify the power source to the equipment.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 66

Which two types of information does the show module NX-OS command display? (Choose two.)

- A. Module license information
- B. Module ports type
- C. Module IP address
- D. Module type
- E. Module status

Answer: ([SHOW ANSWER](#))

Explanation/Reference: https://www.cisco.com/en/US/docs/switches/datacenter/sw/4_2/nx-os/system_management/command/reference/sm_cmd_show.html

NEW QUESTION: 67

Which ANSI/TIA-942 data center tier provides up to 99.982% uptime availability per year?

- A. redundant-distribution site infrastructure
- B. redundant-capacity component site infrastructure
- C. concurrently maintainable site infrastructure
- D. basic site infrastructure

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 68

Which group of UCS Virtual Interface Cards is exclusively designed for Cisco UCS C-Series Rack Server?

- A. M81KR VIC, VIC 1497, VIC 1340, VIC 1387, VIC 1240
- B. VIC 1440, VIC 1340, VIC 1388, VIC 1280, M81KR VIC
- C. VIC 1455, VIC 1497, VIC 1385, VIC 1387, VIC 1225
- D. VIC 1455, VIC 1480, VIC 1385, VIC 1340, VIC 1280

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 69

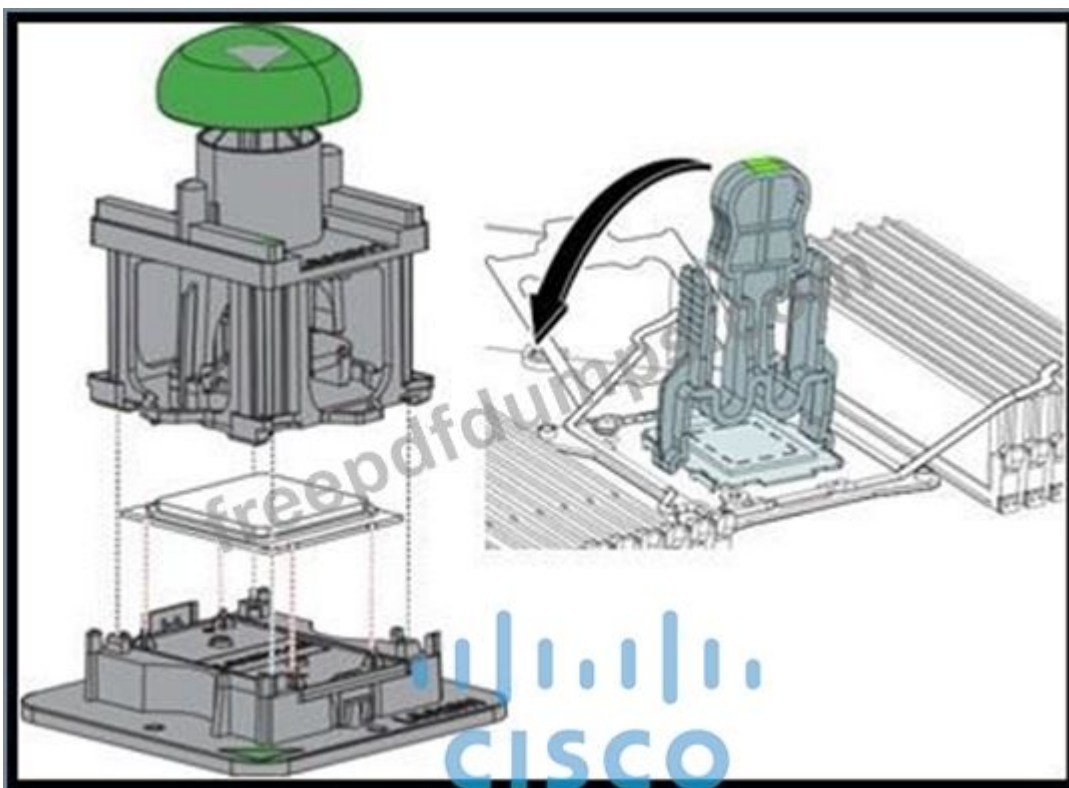
Which tool does a network administrator not need when installing hardware?

- A. cable wraps
- B. soldering iron with grounded tip
- C. wrench set
- D. needle-nose pliers
- E. cable tester
- F. PCMCIA memory

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 70

Refer to the exhibit.



This image shows a CPU Pick-and-Place tool and a CPU Socket Protective Cap Removal tool. Which types of Cisco UCS servers and Intel Xeon processors do these tools support?

- A. Cisco UCS B22 Blade Server, C22 Rack Server, and C24 Rack Server with Intel Xeon E5-2600 Series processors

- B. Cisco UCS B200 M3 Blade Server, B420 M3 Blade Server, C220 Rack Server, C240 Rack Server, and C420 Rack Server with Intel Xeon E5-2400 Series processors
- C. Cisco UCS B200 M3 Blade Server, B420 M3 Blade Server, C220 Rack Server, C240 Rack Server, and C420 Rack Server with Intel Xeon E5-2600 Series processors
- D. Cisco UCS B22 Blade Server, C22 Rack Server, and C24 Rack Server with Intel Xeon E5-2400 Series processors

Answer: C (LEAVE A REPLY)

NEW QUESTION: 71

Which transceiver can support 400 Gigabit Ethernet?

- A. QSFP-DD
- B. QSFP+
- C. QSFP28
- D. SFP-DD

Answer: A (LEAVE A REPLY)

Explanation/Reference: <https://www.cisco.com/c/en/us/products/collateral/interfaces-modules/transceiver-modules/datasheet-c78-743172.html>

NEW QUESTION: 72

Which three statements about FCoE are true? (Choose three.)

- A. Consolidates I/O traffic in the data center.
- B. Allows Fibre Channel and Ethernet networks to share a single, integrated infrastructure.
- C. Encapsulates Fibre Channel frames into Ethernet frames, which allows them to run alongside traditional IP traffic.
- D. Increases capital costs due to the difficulty to manage.

Answer: A,B,C (LEAVE A REPLY)

NEW QUESTION: 73

After installation or replacement of a Cisco UCS C-Series Rack-Mount Server, the host does not boot.

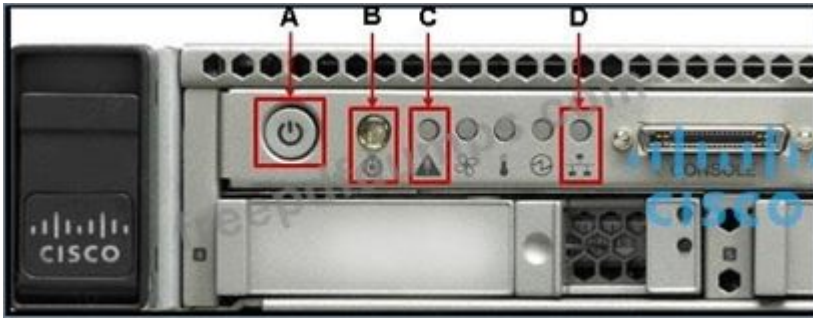
Which four options should be verified? (Choose four.)

- A. Reseat the DIMMs, CPU, and PCI cards.
- B. Reseat the mezzanine card connector.
- C. Verify that power supplies are receiving power.
- D. Verify the power source to the equipment.
- E. Check the CPU sockets for bent pins.
- F. Check for loose HDD cables.
- G. Check the Cisco IMC for fan faults.

Answer: A,C,D,E (LEAVE A REPLY)

NEW QUESTION: 74

Refer to the exhibit.



Which statement correctly identifies the front panel LEDs on the Cisco UCS C220 Server?

- A. A is network link activity LED; B is system status LED; C is identification button and LED; D is power button and power status LED.
- B. A is power button and power status LED; B is identification button and LED; C is system status LED; D is network link activity LED.
- C. A is network link activity LED; B is system status LED; C is power button and power status LED; D is identification button and LED.
- D. A is system status LED; B is network link activity LED; C is power button and power status LED; D is identification button and LED.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

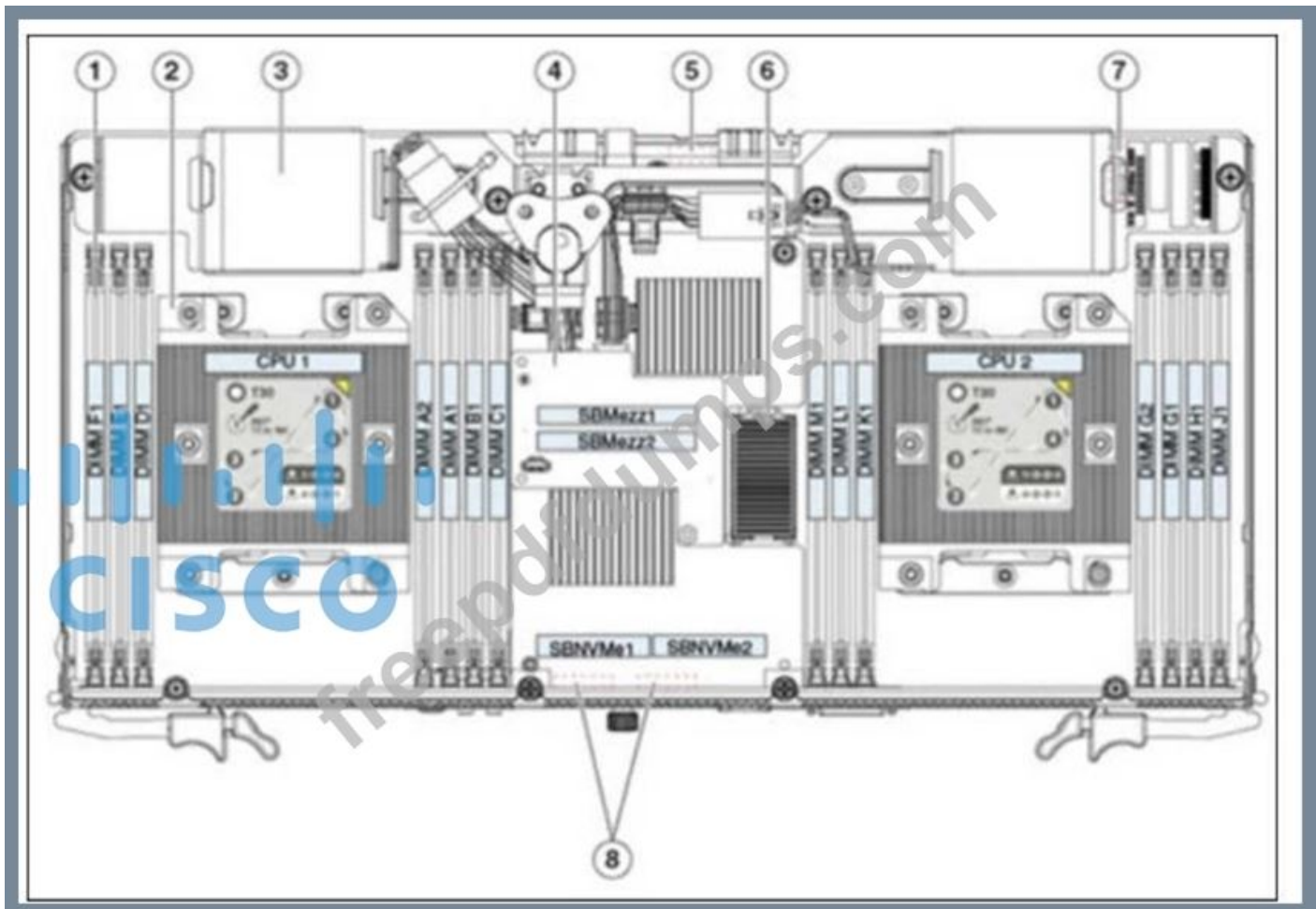
Which two statements about PCIe are true? (Choose two.)

- A. The PCIe supports native hot-swap functionality.
- B. A link that is composed of four lanes is called an x4 link.
- C. You can install a PCI Express x16 adapter into an x4 slot.
- D. The PCIe 4.0 standard doubles the transfer rate compared to PCIe 5.0.
- E. The PCIe standard is a bus-based system in which all the devices share the same bidirectional, 32-bit or 64-bit, parallel signal path.

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 76

Refer to the exhibit.



Refer to the exhibit. Which component of the UCS S3260 M5 Server Node is labeled 6?

- A. Mezzanine-style connector for optional I/O expander module
- B. RAID supercap connector
- C. Trusted platform module (TPM) socket
- D. RTC battery CR2032 socket

Answer: A ([LEAVE A REPLY](#))

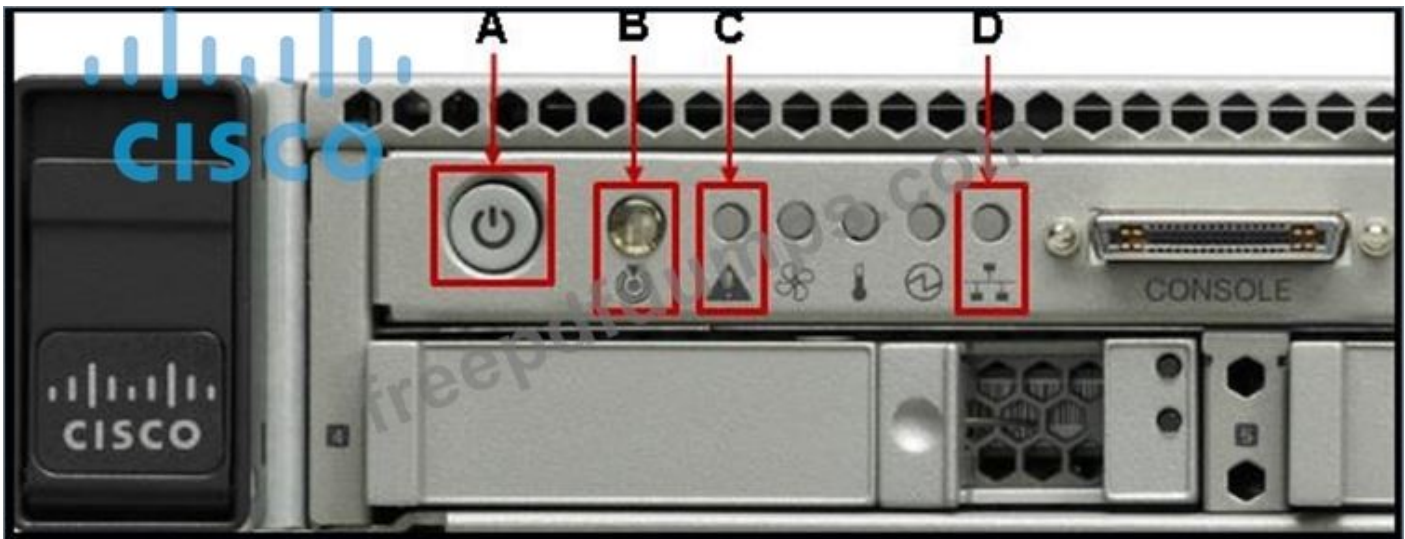
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NEW QUESTION: 77

Refer to the exhibit.



Which statement correctly identifies the front panel LEDs on the Cisco UCS C220 Server?

- A. A is network link activity LED; B is system status LED; C is power button and power status LED; D is identification button and LED.
- B. A is system status LED; B is network link activity LED; C is power button and power status LED; D is identification button and LED.
- C. A is network link activity LED; B is system status LED; C is identification button and LED; D is power button and power status LED.
- D. A is power button and power status LED; B is identification button and LED; C is system status LED; D is network link activity LED.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 78

Which method is a TCP/IP-based protocol for establishing and managing connections between IP-based storage devices, hosts, and clients?

- A. FCIP
- B. iFCP
- C. FCoE
- D. iSCSI

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 79

Which command syntax is correct to reset the admin password when the switch is in the kickstart prompt?

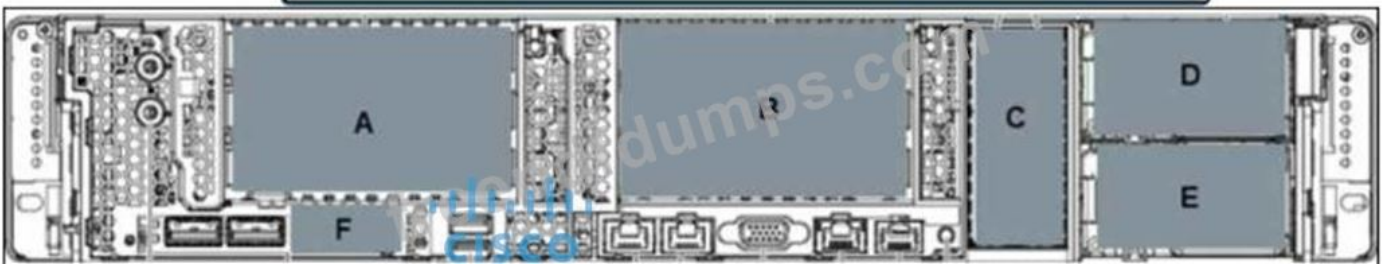
switch(boot) #"

- A. connect nxos -> admin-password <password>
- B. admin-password
- C. exec -> admin-password
- D. connect local-mgmt -> admin-password
- E. configure terminal -> admin-password

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 80

Refer to the exhibit.



Refer to the exhibit. Which component of the UCS C240 M5 is labeled B?

- A. PCIe Riser 2
- B. mLOM
- C. PCIe Riser 1
- D. Rear 2.5-inch drive bays

Answer: ([SHOW ANSWER](#))

In the Cisco UCS C240 M5 server, each labeled component has a specific role in the server's architecture:

1. mLOM (Modular LAN on Motherboard):

The component labeled "B" in the exhibit corresponds to the mLOM slot. This slot is designed to provide flexible network connectivity options without occupying a standard PCIe slot. The mLOM can be used for Cisco's VIC (Virtual Interface Card) or third-party adapters, offering enhanced connectivity options for various network configurations in data center environments.

2. Explanation of the Other Options:

- o PCIe Riser 1 and PCIe Riser 2: These are the expansion slots used for additional PCIe cards, allowing for enhanced storage, network, or GPU capabilities. These risers are typically located in other designated areas on the motherboard, not in the position marked as "B."
- o Rear 2.5-inch Drive Bays: Located at the back of the server, these bays provide additional storage options but do not align with the area marked as "B" in the image.

The mLOM in position "B" provides a modular approach to network connectivity, crucial for high-performance workloads and data center flexibility. This component placement aligns with Cisco's modular design philosophy, ensuring adaptability and scalability in UCS C-Series Rack Servers like the C240 M5.

NEW QUESTION: 81

In the Cisco UCS S3260 Storage Server which two of the below ports are available on a System I/O Controller?

(Choose two.)

- A. Dedicated Management port
- B. PCIe ports
- C. KVM Console port
- D. QSFP port

E. Ethernet LOM port

Answer: ([SHOW ANSWER](#))

Explanation/Reference: <https://www.cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/ucs-s-series-storage-servers/s3260-specsheet.pdf> page 3

NEW QUESTION: 82

Which two form factors are available in the Cisco UCS E-Series Servers? (Choose two.)

- A. EHWIC
- B. VIC
- C. NIM
- D. PVDM
- E. WIC

Answer: B,E ([LEAVE A REPLY](#))

NEW QUESTION: 83

How many 10GBASE-T port licenses are preinstalled on a Cisco Nexus 3064-32T?

- A. 64
- B. 48
- C. 16
- D. 32

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 84

Which two statements about Cisco UCS 6454 Fabric Interconnect are true? (Choose two.)

- A. 1-RU 10/25/40/100/200/400 Gigabit Ethernet, FCoE, and Fibre Channel switch offers up to 32 ports.
- B. It hosts and runs Cisco Integrated Management Controller (CIMC).
- C. All Ethernet ports can support FCoE.
- D. Provides the management and communication backbone for the Cisco UCS 5108 Server Chassis and Cisco UCS B-Series Blade Servers only.
- E. Provides both the LAN and SAN connectivity for all servers within its domain.

Answer: C,E ([LEAVE A REPLY](#))

The Cisco UCS 6454 Fabric Interconnect (FI) is a key component in Cisco's Unified Computing System (UCS), providing both LAN and SAN connectivity, along with advanced features like Fibre Channel over Ethernet (FCoE). Let's examine each option in detail:

Option A - 1-RU 10/25/40/100/200/400 Gigabit Ethernet, FCoE, and Fibre Channel switch offers up to 32 ports:

This statement is incorrect. While the Cisco UCS 6454 FI does support a variety of Ethernet speeds (10/25/40/100 Gigabit Ethernet) and FCoE, it actually has 54 ports. Additionally, it is not a 200/400 Gigabit Ethernet switch, as those higher speeds are not supported on this model.

Therefore, this statement is not accurate for the UCS 6454.

Option B - It hosts and runs Cisco Integrated Management Controller (CIMC):

This is incorrect. The Cisco UCS 6454 FI does not run the Cisco Integrated Management Controller (CIMC). CIMC is typically used for managing individual servers (such as UCS C-Series standalone servers) and not for Fabric Interconnects, which are managed through UCS Manager (UCSM).

Option C - All Ethernet ports can support FCoE:

Correct. The Cisco UCS 6454 FI supports FCoE on all Ethernet ports, allowing for both LAN and SAN traffic over a unified fabric. This makes it an effective solution for data center environments that want to consolidate storage and network traffic, enhancing flexibility and reducing infrastructure costs.

Option D - Provides the management and communication backbone for the Cisco UCS 5108 Server Chassis and Cisco UCS B-Series Blade Servers only:

This statement is incorrect. While the UCS 6454 FI does indeed provide management and connectivity for the UCS 5108 Server Chassis and B-Series Blade Servers, it also supports UCS C-Series Rack Servers when they are integrated into the UCS environment. Therefore, it is not limited to only the B-Series Blade Servers and UCS 5108 Chassis.

Option E - Provides both the LAN and SAN connectivity for all servers within its domain:

Correct. The UCS 6454 FI provides both LAN and SAN connectivity, acting as a unified fabric solution for servers within the UCS domain. This is a primary function of the Fabric Interconnect, making it a crucial component in simplifying connectivity and management in UCS environments by handling both network and storage traffic.

Cisco Datacenter Networking Device Reference:

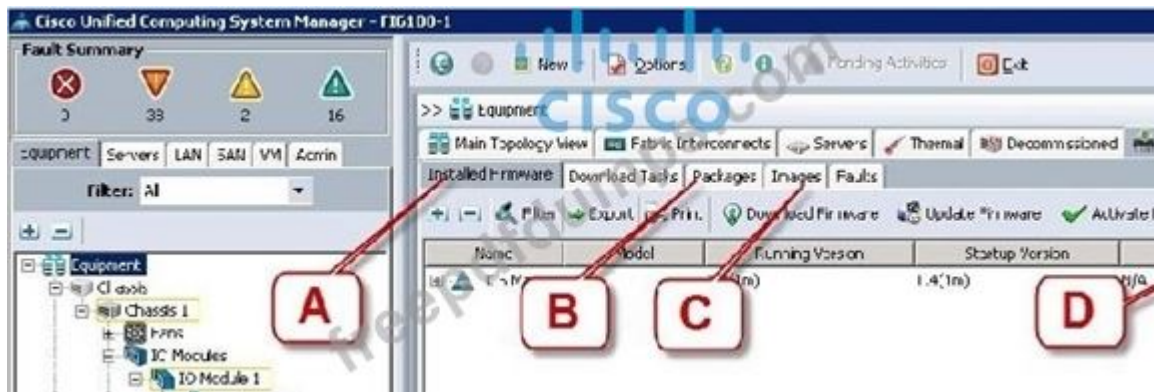
Cisco UCS 6454 Fabric Interconnect: The UCS 6454 FI supports 10/25/40/100 Gigabit Ethernet and FCoE on all Ethernet ports, providing unified network and storage connectivity for UCS-managed servers.

Cisco UCS Manager (UCSM): Cisco UCSM provides centralized management for all components in a UCS domain, including Fabric Interconnects, B-Series Blade Servers, and C-Series Rack Servers when integrated.

In summary, options C and E are the correct answers. The Cisco UCS 6454 Fabric Interconnect supports FCoE on all Ethernet ports and provides both LAN and SAN connectivity for all servers within its domain, which are essential features for a unified data center fabric.

NEW QUESTION: 85

Refer to the exhibit.



Where is the best place to find the B200 BIOS version used in a specific Cisco UCS Manager version?

- A. A - Installed Firmware
- B. B - Packages
- C. D - Capability Catalog
- D. C - Images
- E. E - Management Extension

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 86

Which command-line interface mode is best described by this prompt?

UCS-switch-A (nxos)#

- A. maintenance mode
- B. EXEC mode
- C. local management mode
- D. global configuration mode
- E. Cisco IOS mode

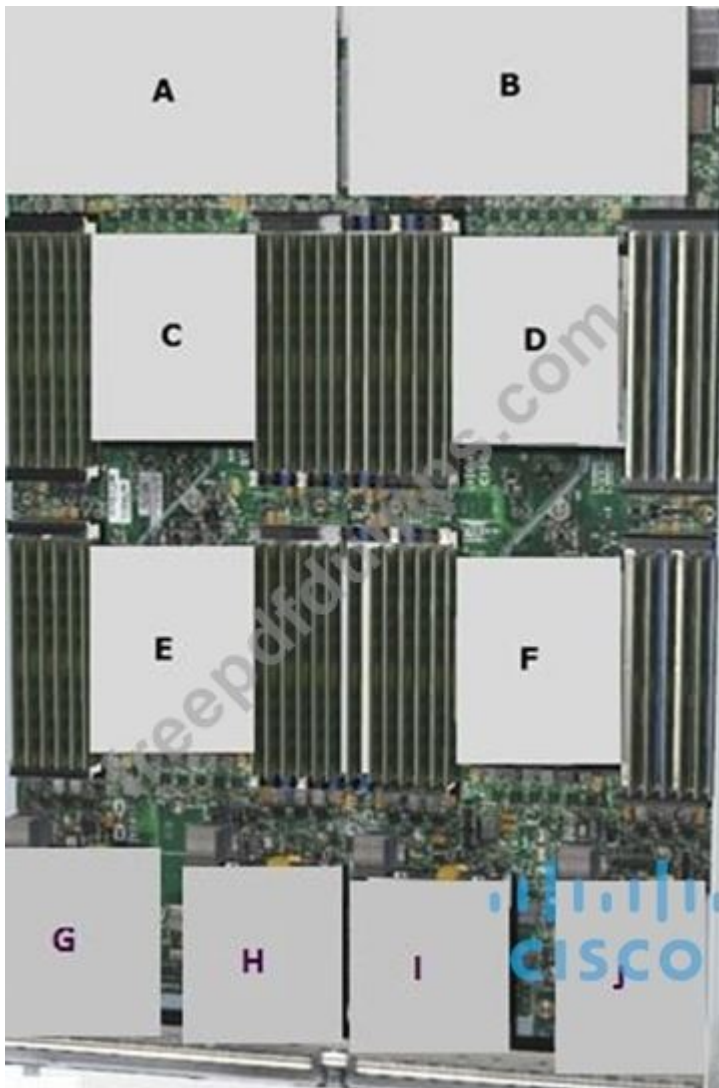
Answer: (SHOW ANSWER)

Explanation/Reference:

answer is corrected.

NEW QUESTION: 87

Refer to the exhibit.



Which item does A represent?

- A. Virtual Emulex Adapter Card for Cisco UCS B420 M3 Blade Servers
- B. mLOM for Cisco UCS B420 M3 Blade Servers
- C. Virtual Interface Card for Cisco UCS B420 M3 Blade Servers
- D. SuperCap module for Cisco UCS B420 M3 Blade Servers
- E. Emulex Adapter Card for Cisco UCS B420 M3 Blade Servers

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 88

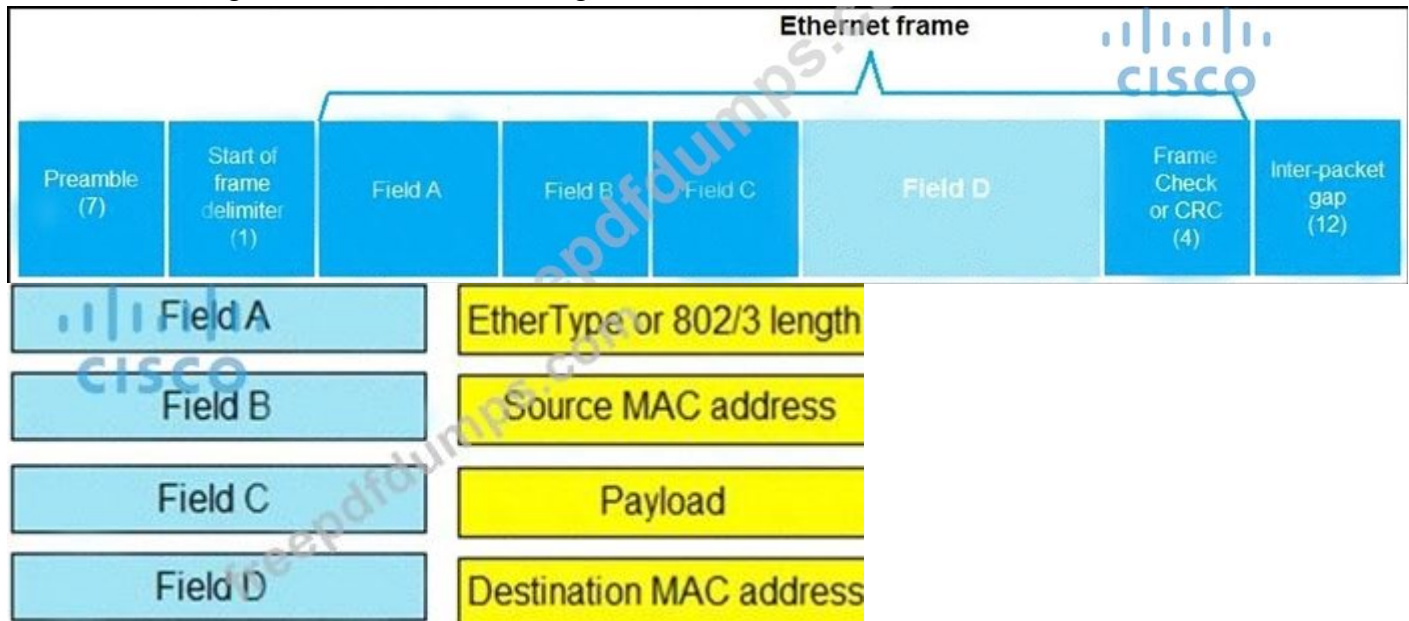
Which two Cisco Nexus switches provide the foundation of the Cisco Application Centric Infrastructure? (Choose two.)

- A. Cisco Nexus 93128TX switch
- B. Cisco Nexus 9508 switch
- C. Cisco Nexus 6004 switch
- D. Cisco Nexus 7718 switch
- E. Cisco Nexus 7710 switch

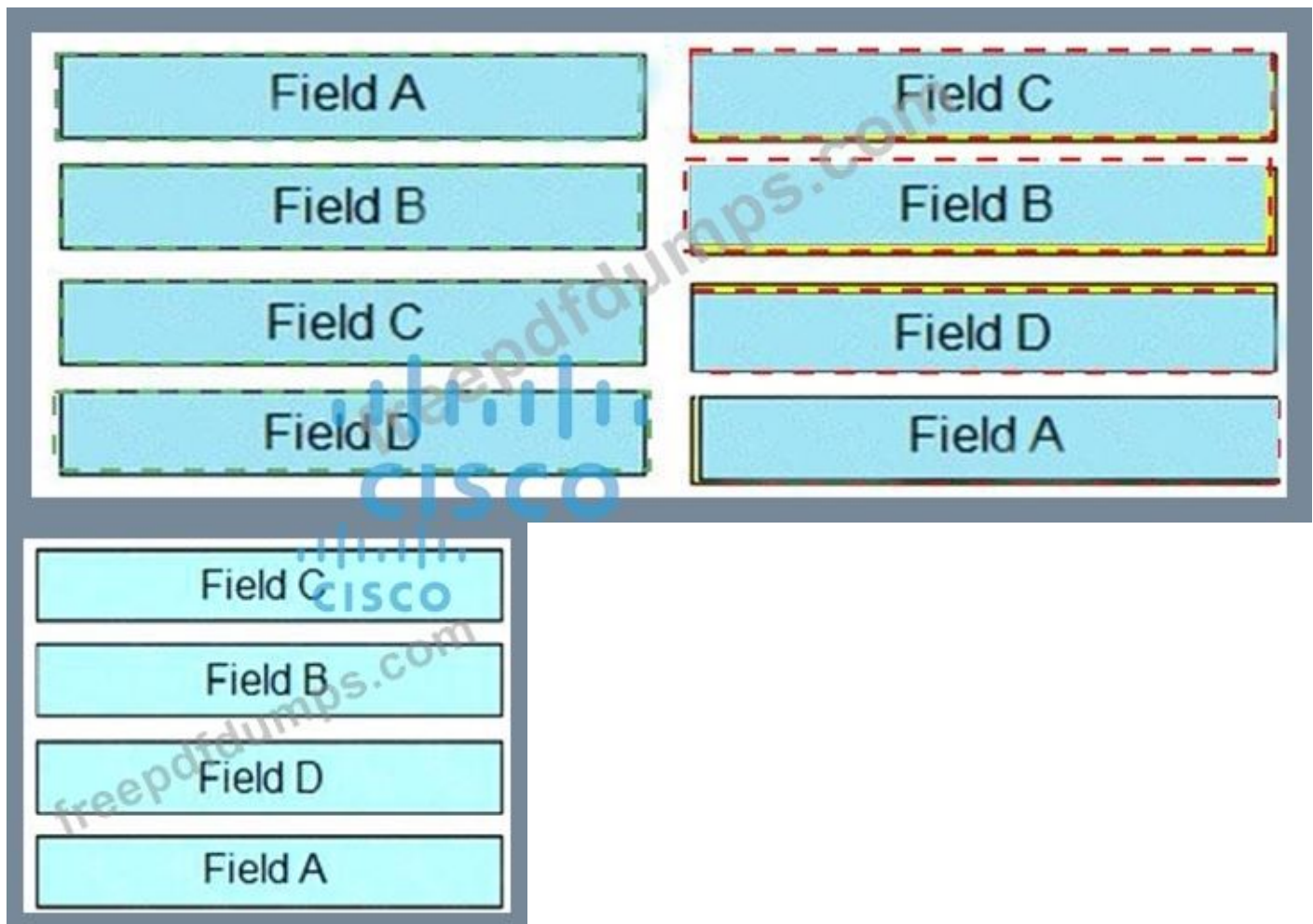
Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 89

Refer to the diagram, match the following Ethernet frame fields.

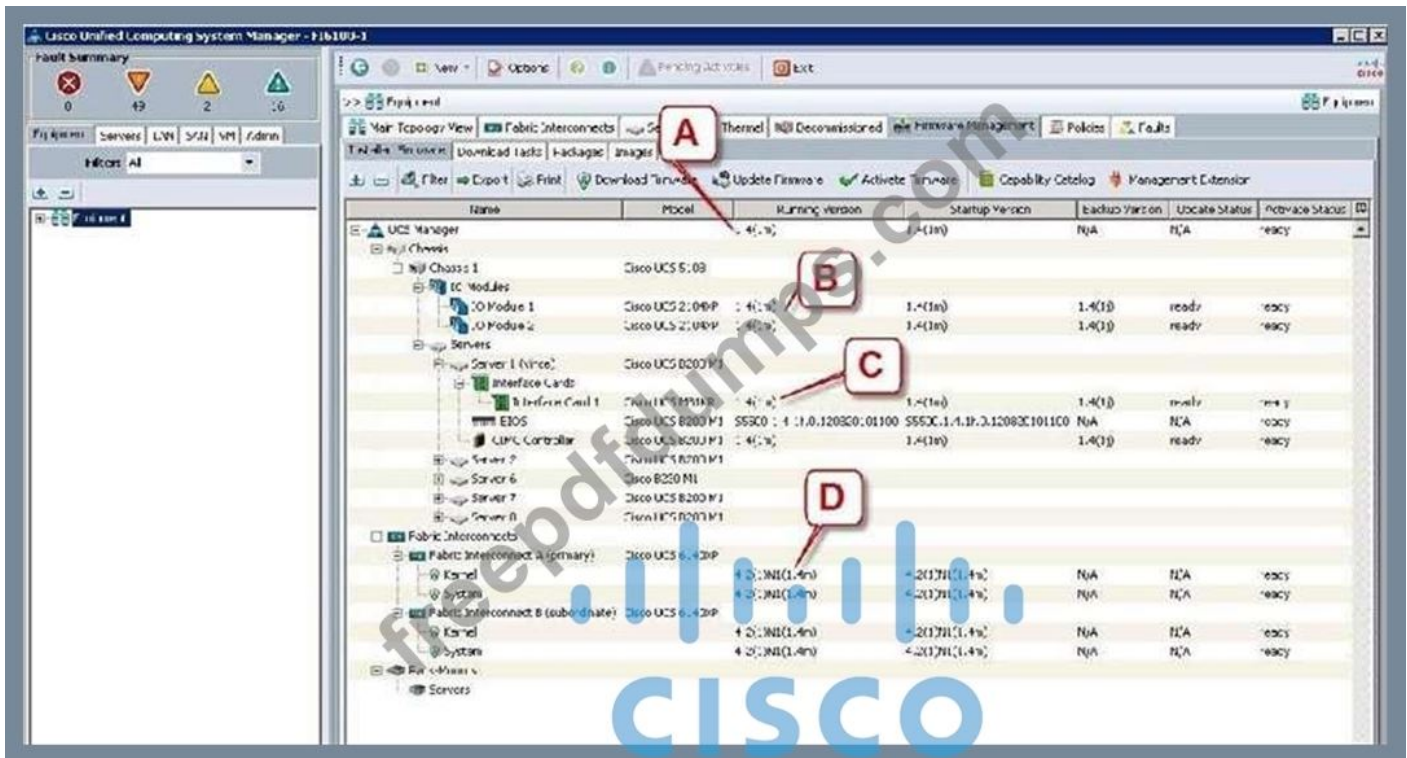


Answer:



NEW QUESTION: 90

Refer to the exhibit.



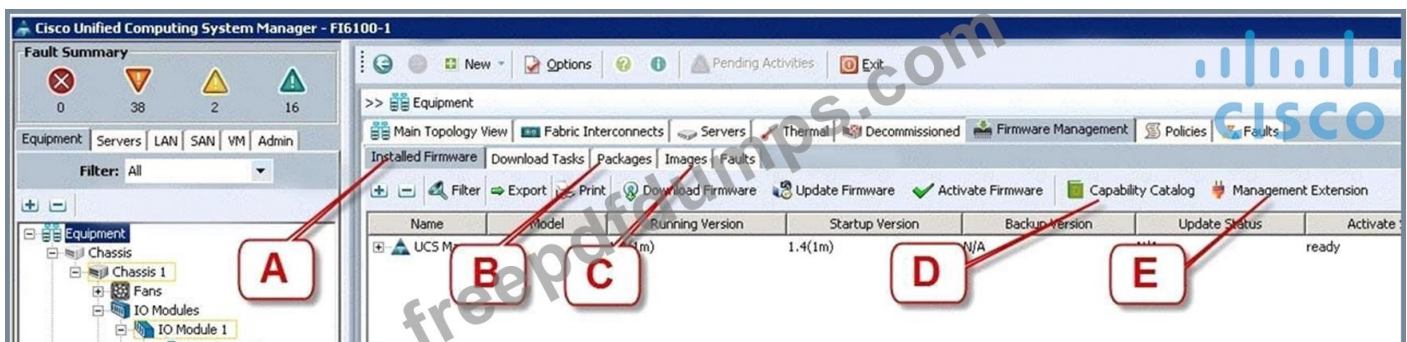
Which call-out accurately shows the current running version of the Cisco UCS Manager management software?

- A. A - UCS Manager running version 1.4(1m)
- B. C - Interface Card 1 running version 1.4(1m)
- C. D - Kernel running version 4.2(1)N(1.4m)
- D. B - IO Module 1 running version 1.4(1m)

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 91

Refer to the exhibit.



Where is the best place to find the B200 BIOS version used in a specific Cisco UCS Manager version?

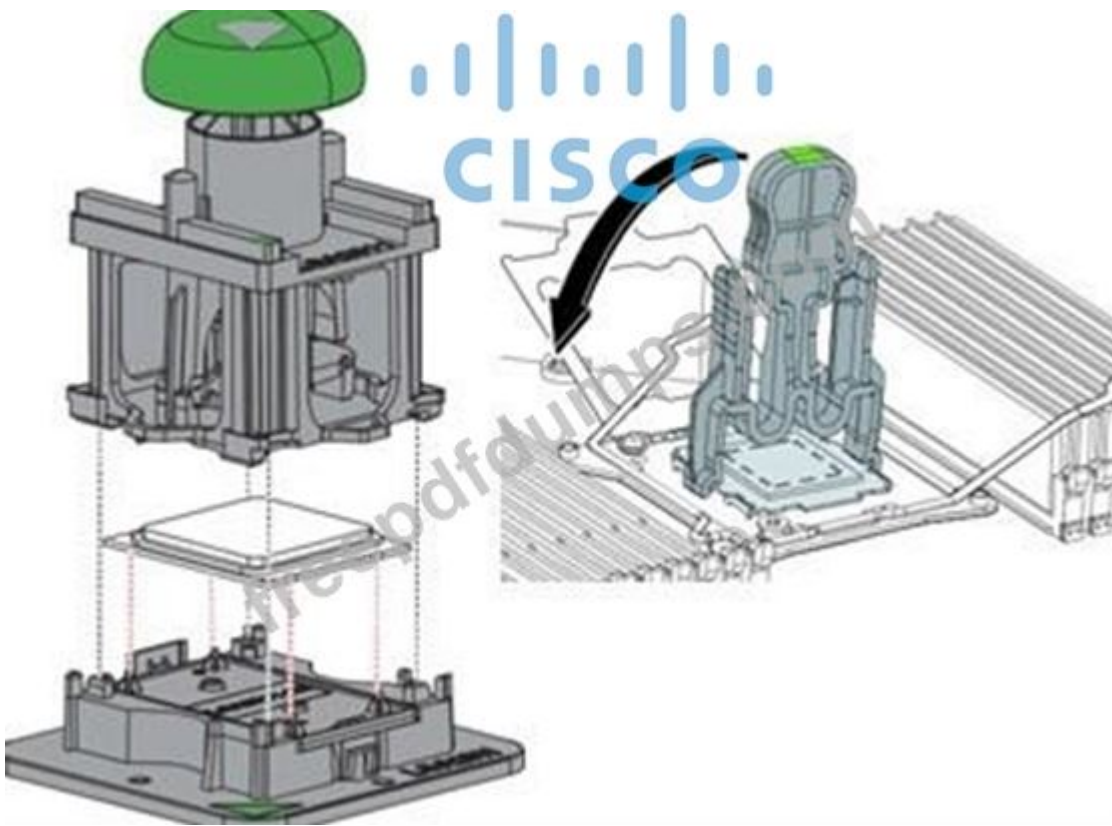
- A. C - Images
- B. B - Packages
- C. E - Management Extension
- D. D - Capability Catalog
- E. A - Installed Firmware

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 92

Refer to the exhibit.



This image shows a CPU Pick-and-Place tool and a CPU Socket Protective Cap Removal tool. Which types of Cisco UCS servers and Intel Xeon processors do these tools support?

- A. Cisco UCS B22 Blade Server, C22 Rack Server, and C24 Rack Server with Intel Xeon E5-2600 Series processors
- B. Cisco UCS B200 M3 Blade Server, B420 M3 Blade Server, C220 Rack Server, C240 Rack Server, and C420 Rack Server with Intel Xeon E5-2600 Series processors
- C. Cisco UCS B22 Blade Server, C22 Rack Server, and C24 Rack Server with Intel Xeon E5-2400 Series processors
- D. Cisco UCS B200 M3 Blade Server, B420 M3 Blade Server, C220 Rack Server, C240 Rack Server, and C420 Rack Server with Intel Xeon E5-2400 Series processors

Answer: B (LEAVE A REPLY)

NEW QUESTION: 93

What enables NVM Express host software to communicate with nonvolatile memory?

- A. SATA
- B. SAS
- C. PCIe
- D. SCSI

Answer: C (LEAVE A REPLY)

Explanation/Reference: https://nvmexpress.org/wp-content/uploads/NVM-Express-1_4-2019.06.10-Ratified.pdf page 6

NEW QUESTION: 94

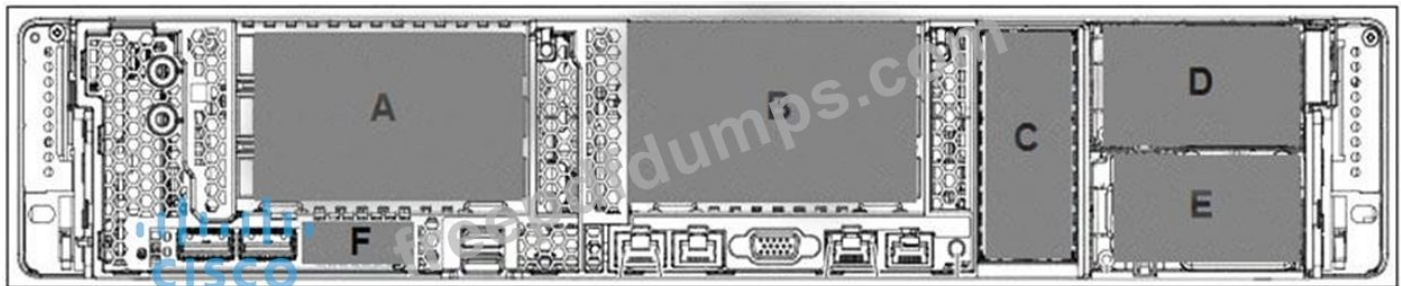
What does the system status LED look like when an over temperature or major alarm occurs on the Cisco UCS 6120XP Fabric Interconnect?

- A. Blinking amber
- B. Amber
- C. Blinking red
- D. Red

Answer: A (LEAVE A REPLY)

NEW QUESTION: 95

Refer to the exhibit.



Which item does B represent?

- A. Power Supply
- B. Rear 2.5-inch drive bays
- C. mLOM
- D. PCIe Riser 2
- E. PCIe Riser 1

Answer: D (LEAVE A REPLY)

NEW QUESTION: 96

On which three devices can the Host Upgrade Utility be performed? (Choose three.)

- A. B460
- G: C240
- B. C230
- C. C210

- D. B210
- E. B230
- F. C420

Answer: C,F ([LEAVE A REPLY](#))

NEW QUESTION: 97

Drag the cable or connector on the left to the correct interface on the right.

Drag the cable or connector on the left to the correct interface on the right.

KVM dongle	Fabric Interconnect to Fabric Extender
straight-through Ethernet cable	console port
mini USB cable	MDS
Twinax cable	C-Series Rack Server
Fiber Channel SFP	from laptop to Management Port
rolled RJ-45 cable	
SAS cable	

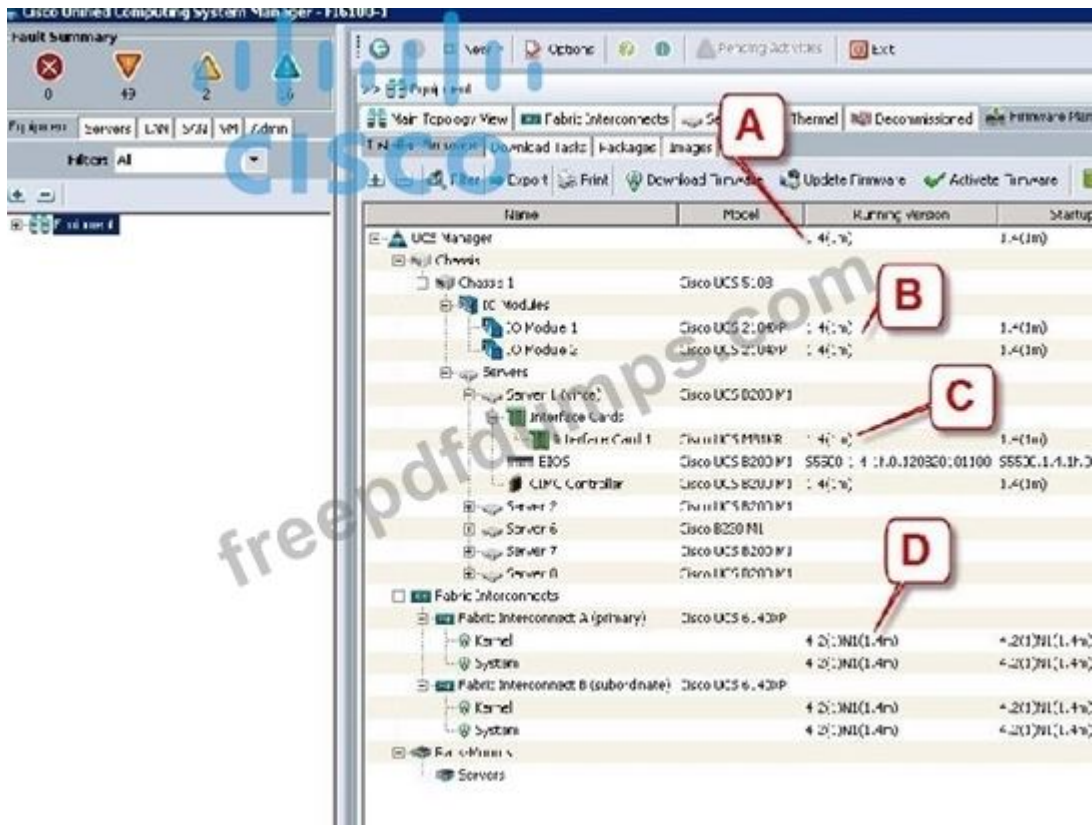
Answer:

Drag the cable or connector on the left to the correct interface on the right.

KVM dongle	Twinax cable	Fabric Interconnect to Fabric Extender
straight-through Ethernet cable	rolled RJ-45 cable	console port
mini USB cable	Fiber Channel SFP	MDS
Twinax cable	KVM dongle	C-Series Rack Server
Fiber Channel SFP	straight-through Ethernet cable	from laptop to Management Port
rolled RJ-45 cable		
SAS cable		

NEW QUESTION: 98

Refer to the exhibit.



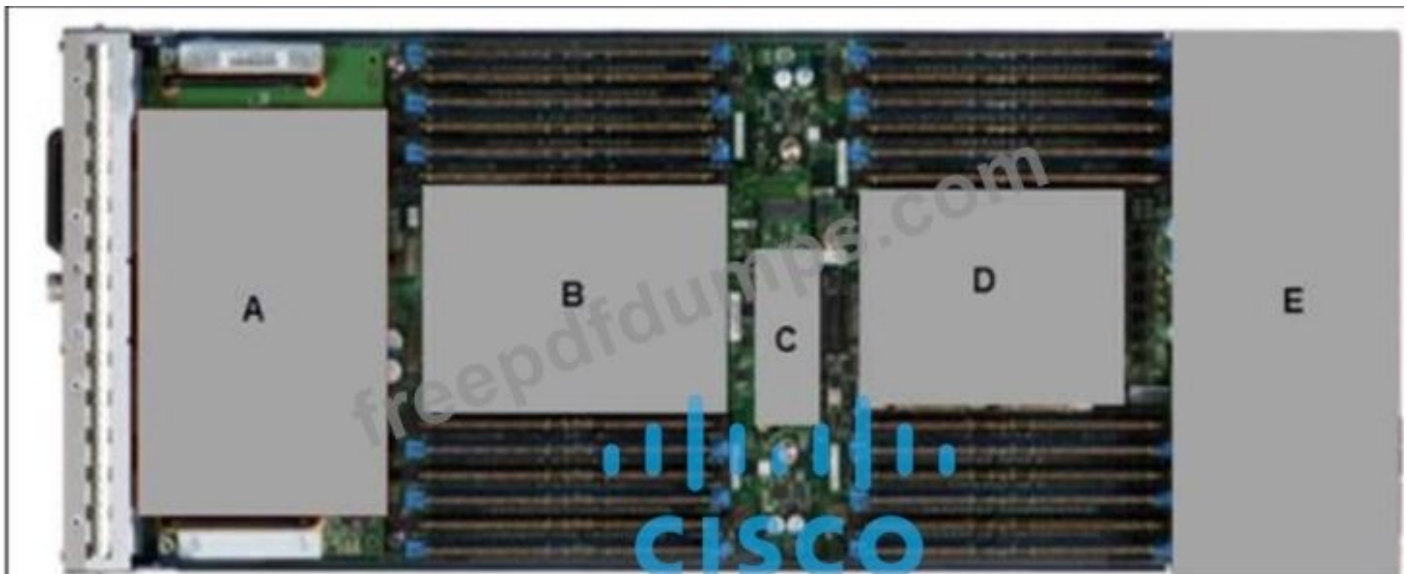
Which call-out accurately shows the current running version of the Cisco UCS Manager management software?

- A. D - Kernel running version 4.2(1)N(1.4m)
- B. B - IO Module 1 running version 1.4(1m)
- C. A - UCS Manager running version 1.4(1m)
- D. C - Interface Card 1 running version 1.4(1m)

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 99

Refer to the exhibit.



Refer to the exhibit. Which component in the UCS B200 M5 is labeled C?

- A. Mini Storage Connector

- B. mLOM Connector
- C. CMOS Battery
- D. Internal USB

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

DRAG DROP

Drag the password recovery procedures on a Cisco NX-OS switch from the left to the right and place them in order.

Log in to the switch using the new administrator password.	Step 1
Reset the network administrator password.	Step 2
Load the Cisco NX-OS system software image.	Step 3
Power-cycle the switch.	Step 4
Reset the new password to ensure that it is also the Simple Network Management Protocol (or SNMP) password.	Step 5
To enter the boot prompt mode, press the Ctrl-] key sequence from the console port session when the switch begins the Cisco NX-OS software boot sequence.	Step 6
Save the configuration.	Step 7
Display the bootflash: contents to locate the Cisco NX-OS software image.	Step 8

Answer:

Drag the password recovery procedures on a Cisco NX-OS switch from the left to the right and place them in order.

Log in to the switch using the new administrator password.	Power-cycle the switch.
Reset the network administrator password.	To enter the boot prompt mode, press the Ctrl-] key sequence from the console port session when the switch begins the Cisco NX-OS software boot sequence.
Load the Cisco NX-OS system software image.	Reset the network administrator password.
Power-cycle the switch.	Display the bootflash: contents to locate the Cisco NX-OS software image.
Reset the new password to ensure that it is also the Simple Network Management Protocol (or SNMP) password.	Load the Cisco NX-OS system software image.
To enter the boot prompt mode, press the Ctrl-] key sequence from the console port session when the switch begins the Cisco NX-OS software boot sequence.	Log in to the switch using the new administrator password.
Save the configuration.	Reset the new password to ensure that it is also the Simple Network Management Protocol (or SNMP) password.
Display the bootflash: contents to locate the Cisco NX-OS software image.	Save the configuration.

NEW QUESTION: 101

A company wants to build a data center infrastructure which can provide up to 99.982% uptime availability per year. Which ANSI/TIA-942 data center tier meets the requirement?

- A. Redundant-distribution site infrastructure
- B. Redundant-capacity component site infrastructure
- C. Concurrently maintainable site infrastructure
- D. Basic site infrastructure

Answer: ([SHOW ANSWER](#))

Explanation/Reference: <https://www.doc.ic.ac.uk/~jgiceva/teaching/ssc18-cloud.pdf> page 16

NEW QUESTION: 102

Which group of UCS Virtual Interface Cards is exclusively designed for Cisco UCS C-Series Rack Server?

- A. VIC 1440, VIC 1340, VIC 1388, VIC 1280, M81KR VIC
- B. VIC 1455, VIC 1480, VIC 1385, VIC 1340, VIC 1280
- C. VIC 1455, VIC 1497, VIC 1385, VIC 1387, VIC 1225
- D. M81KR VIC, VIC 1497, VIC 1340, VIC 1387, VIC 1240

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 103

When a host firmware package policy is created, what must it be associated with to upgrade the BIOS?

- A. boot policy
- B. service template
- C. service profile
- D. blade or blade pool

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 104

Which two commands allow you to view the state of high availability between the two clustered Fabric Interconnects? (Choose two.)

- A. show cluster state extended
- B. show cluster HA status
- C. show cluster extended-state
- D. show cluster HA state
- E. show cluster state

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 105

Drag the cable or connector on the left to the correct interface on the right.

Select and Place:

Drag the cable or connector on the left to the correct interface on the right.

KVM dongle	Fabric Int
straight-through Ethernet cable	
mini USB cable	
Twinax cable	C
Fiber Channel SFP	from la
rolled RJ-45 cable	
SAS cable	

Answer:

Drag the cable or connector on the left to the correct interface on the right.

	ro
mini USB cable	Fi
	straight-
SAS cable	

Explanation/Reference:

NEW QUESTION: 106

Which two statements about PCIe are true? (Choose two.)

- A. The PCIe link is built around dedicated unidirectional couples of serial, point-to-point connections known as lanes.
- B. A link that is composed of four lanes is called an x4 link.
- C. The PCIe standard is a bus-based system in which all the devices share the same bidirectional, 32-bit or 64-bit, parallel signal path.
- D. The PCIe 1.0 standard doubles the transfer rate compared to PCIe 2.0.
- E. You can install a PCI Express x8 adapter into an x4 slot.

Answer: A,B (LEAVE A REPLY)

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NEW QUESTION: 107

Which command-line interface mode is best described by this prompt?

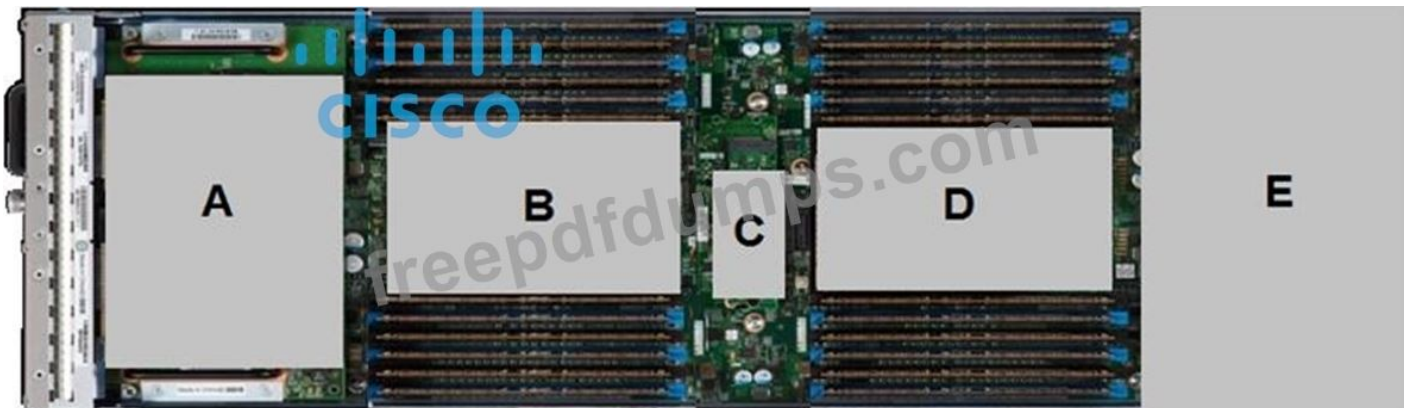
Switch (config) #

- A. Global configuration command mode
- B. EXEC mode
- C. Local management mode
- D. Boot mode

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 108

Refer to the exhibit.



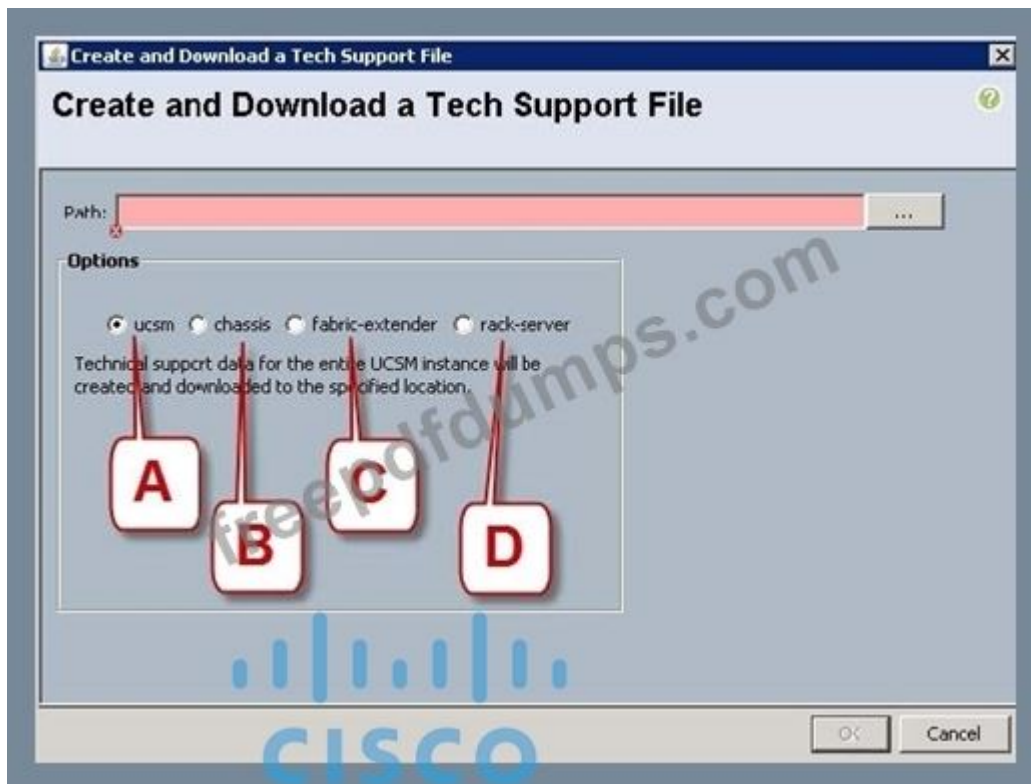
Which item does C represent?

- A. mLOM Connector
- B. Mini Storage Connector
- C. CMOS Battery
- D. GPU
- E. Internal USB

Answer: (SHOW ANSWER)

NEW QUESTION: 109

Refer to the exhibit.

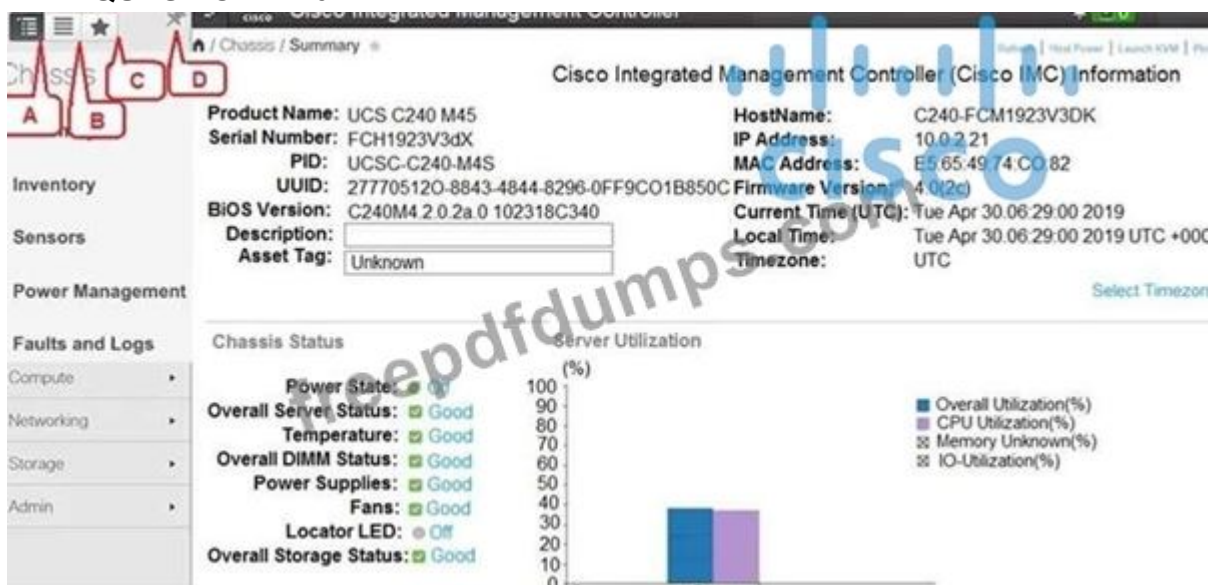


Which option should you select to get the output of the show tech-support detail command for the Cisco UCS B-Series blade?

- A. D - rack-server
- B. A - ucsm
- C. C - fabric-extender
- D. B - chassis

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 110



Refer to the exhibit. Which item does C represent?

- A. Pin icon (prevents Navigation pane from sliding)
- B. Icon to view the Navigation pane

C. Favorite Icon (make any specific work pane in the application as your favorite)

D. Index Icon (view listing in alphabetical order)

Answer: C ([LEAVE A REPLY](#))

Explanation/Reference:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c/sw/gui/config/guide/4_1/b_Cisco_UCS_C-series_GUI_Configuration_Guide_41/b_Cisco_UCS_C-series_GUI_Configuration_Guide_41_chapter_01.html

NEW QUESTION: 111

When the Cisco UCS Manager is used to verify the B- or C-Series device, which two types of Overall Status are acceptable and do not indicate a failure? (Choose two.)

A. Unassociated

B. Online

C. Active

D. OK

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 112

Which two statements about Cisco UCS S3260 Storage Server are true? (Choose two.)

A. AMD EPYC 7000 series processors, with up to 32 cores per socket

B. Massive 840-TB data storage capacity

C. Support for the Cisco 12-G 9460-8i PCIe SAS RAID controller

D. It is in a compact 2-RU form factor.

E. Up to 1 TB of Intel Optane DC Persistent Memory

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 113

The Ethernet specification details several different fiber optic media types. What is the wire transmission speed for 100BASE-FX Ethernet?

A. 10000 Mb/s

B. 100 Mb/s

C. 1000 Mb/s

D. 10 Mb/s

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 114

Refer to the exhibit.



Which item does A represent?

- A. Emulex Adapter Card for Cisco UCS B420 M3 Blade Servers
- B. mLOM for Cisco UCS B420 M3 Blade Servers
- C. Virtual Emulex Adapter Card for Cisco UCS B420 M3 Blade Servers
- D. SuperCap module for Cisco UCS B420 M3 Blade Servers
- E. Virtual Interface Card for Cisco UCS B420 M3 Blade Servers

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 115

Refer to the exhibit.



What is the name of this Cisco Nexus 3000 Series Switch?

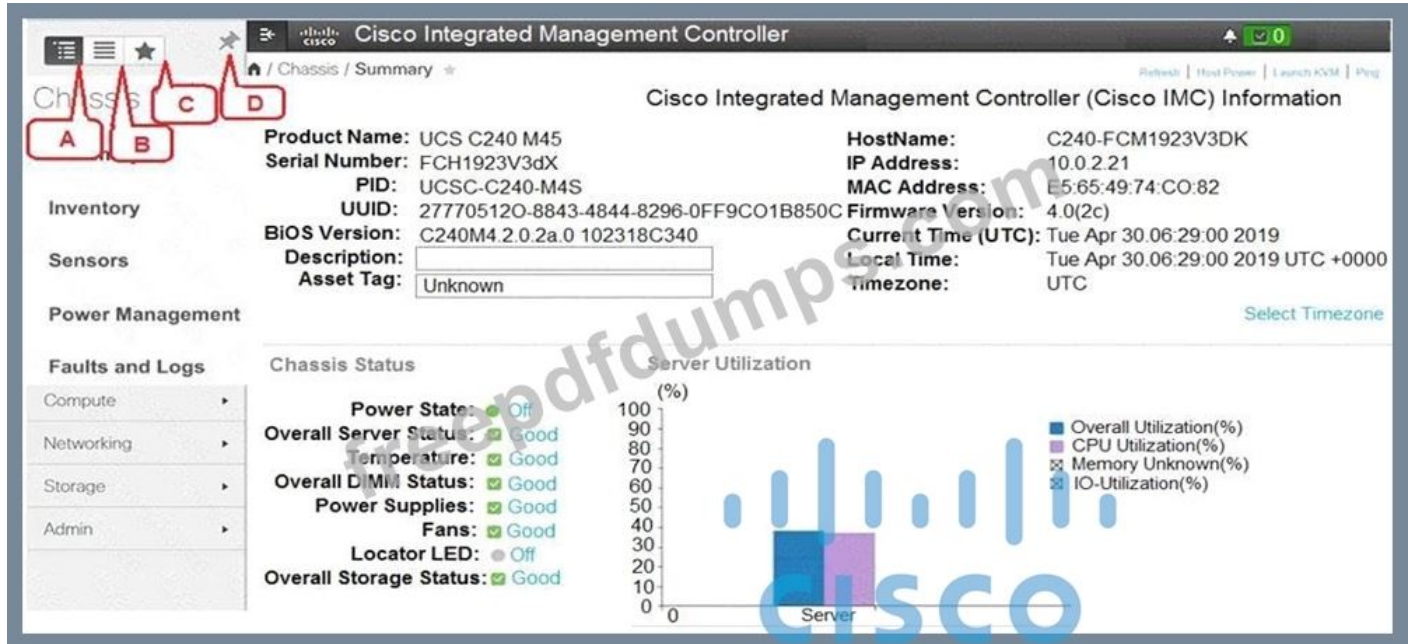
- A. Cisco Nexus 3524

- B. Cisco Nexus 3172PQ
- C. Cisco Nexus 3132Q
- D. Cisco Nexus 3016

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 116

Refer to the exhibit.



Which item does D represent?

- A. Index Icon (view listing in alphabetical order)
- B. Pin icon (prevents Navigation pane from sliding)
- C. Favorite icon (make any specific work pane in the application as your favorite)
- D. To view the Navigation pane

Answer: (SHOW ANSWER)

NEW QUESTION: 117

With which data center type can a company lease the equipment and infrastructure?

- A. Colocation data center
- B. Green technology data center
- C. Enterprise data center
- D. Managed services data center

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 118

When replacing a standalone C-Series server which order will be used to shut down the server via CIMC?

- A. Click Power off, Click Shut off
- B. Click Host power, Click Shut down

- C. Click Power off, Click Shut down
- D. Click Host power, Click Shut off

Answer: C (LEAVE A REPLY)

NEW QUESTION: 119

Refer to the exhibit.



What is the name of this rack-mount server?

- A. Cisco UCS C220 Rack-Mount Server
- B. Cisco UCS C460 Rack-Mount Server
- C. Cisco UCS C240 Rack-Mount Server
- D. Cisco UCS C420 Rack-Mount Server

Answer: D (LEAVE A REPLY)

NEW QUESTION: 120

DRAG DROP

Drag the cable or connector on the left to the correct interface on the right.

KVM dongle	Fabric Interconnect to Fabric Extender
straight-through Ethernet cable	console port
mini USB cable	MDS
Twinax cable	C-Series Rack Server
Fiber Channel SFP	from laptop to Management Port
rolled RJ-45 cable	
SAS cable	

Answer:

Drag the cable or connector on the left to the correct interface on the right.

KVM dongle	Twinax cable
straight-through Ethernet cable	rolled RJ-45 cable
mini USB cable	Fiber Channel SFP
Twinax cable	KVM dongle
Fiber Channel SFP	straight-through Ethernet cable
rolled RJ-45 cable	
SAS cable	

NEW QUESTION: 121

Which important feature on the front end is provided to the clients by multiple servers that access the same storage devices across the SAN?

- A. resiliency
- B. redundancy
- C. recovery
- D. storage
- E. security

Answer: B (LEAVE A REPLY)

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NEW QUESTION: 122

Which action should the administrator take before physically removing a blade server for maintenance or replacement?

- A. Disassociate the service profile.
- B. Perform a graceful shutdown of the server.
- C. Decommission the server.
- D. Force the server to shut down.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 123

Which two commands provide views of the high availability state between the two clustered Fabric Interconnects? (Choose two.)

- A. show cluster HA state
- B. show cluster HA status
- C. show cluster extended-state
- D. show cluster state
- E. show cluster state extended

Answer: C,D (LEAVE A REPLY)

In a Cisco UCS environment, ensuring high availability (HA) between clustered Fabric Interconnects is essential for operational resilience. There are specific commands used to check the HA state of these Fabric Interconnects:

show cluster state:

This command provides a basic view of the cluster status between the two Fabric Interconnects. It shows whether the cluster is in a primary or subordinate state and provides information about each Fabric Interconnect's role. This is a fundamental command used for checking the general state of the cluster.

show cluster extended-state:

This command provides a more detailed view of the cluster's HA status, offering extended information about the cluster's synchronization status, heartbeat status, and any potential issues. It helps in diagnosing more granular details of the cluster's health and HA status.

Explanation of Incorrect Options:

show cluster HA state and show cluster HA status: These are not valid commands in the Cisco UCS command-line interface.

show cluster state extended: While similar in wording, this is also not a valid command in Cisco UCS for viewing HA status.

Summary:

To verify the high availability state between two clustered Fabric Interconnects, use show cluster state for a general status overview and show cluster extended-state for a detailed diagnostic view. These commands are essential for UCS administrators to ensure that the Fabric Interconnects are operating in a healthy and synchronized HA configuration.

NEW QUESTION: 124

How do cloud deployment models function?

- A. A public cloud is typically infrastructure used by a single organization.
- B. Public clouds are more expensive than private clouds.
- C. Public clouds are less secure than private clouds.
- D. Hybrid cloud supports multiple organizations sharing computing resources that are part of a community.

Answer: (SHOW ANSWER)

NEW QUESTION: 125

Which type of connection across the network does a SAN allow for multiple servers to access an unlimited amount of storage devices?

- A. one-to-one
- B. any-to-any
- C. many-to-any
- D. any-to-many
- E. any-to-one
- F. one-to-any

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 126

Which three tools are necessary to console into a Cisco UCS C-Series Rack-Mount Server? (Choose three.)

- A. laptop
- B. USB serial adapter
- C. keyboard
- D. monitor
- E. Cisco DB-9-to-RJ-45 console cable
- F. KVM dongle

Answer: C,D,F ([LEAVE A REPLY](#))

NEW QUESTION: 127

How many wires does each PCIe lane have?

- A. Sixteen
- B. Four
- C. Eight
- D. Two

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 128

Which two Cisco Nexus switches provide the foundation of the Cisco Application Centric Infrastructure?

(Choose two.)

- A. Cisco Nexus 7718 switch
- B. Cisco Nexus 6004 switch
- C. Cisco Nexus 7710 switch
- D. Cisco Nexus 93128TX switch
- E. Cisco Nexus 9508 switch

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 129



Refer to the exhibit. Which item does B represent?

- A. PCIe Riser 2
- B. PCIe Riser 1
- C. Power Supply
- D. Rear 2.5-inch drive bays
- E. mLOM

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 130

Which two statements about Cisco UCS 6454 Fabric Interconnect are true? (Choose two.)

- A. 1-RU 10/25/40/100/200/400 Gigabit Ethernet, FCoE, and Fibre Channel switch offers up to 32 ports.
- B. It hosts and runs Cisco Integrated Management Controller (CIMC).
- C. All Ethernet ports can support FCoE.
- D. Provides the management and communication backbone for the Cisco UCS 5108 Server Chassis and Cisco UCS B-Series Blade Servers only.
- E. Provides both the LAN and SAN connectivity for all servers within its domain.

Answer: ([SHOW ANSWER](#))

Explanation/Reference: <https://www.cdw.com/product/cisco-ucs-6454-fabric-interconnect-switch-54-ports-managed-rack-mou/5400879>

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