

# 010-151<sup>Q&As</sup>

Supporting Cisco Data Center System Devices

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## **QUESTION 1**

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. recovery
- B. redundancy
- C. resiliency
- D. security
- E. storage
- Correct Answer: B

#### **QUESTION 2**

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

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

Correct Answer: C

#### **QUESTION 3**

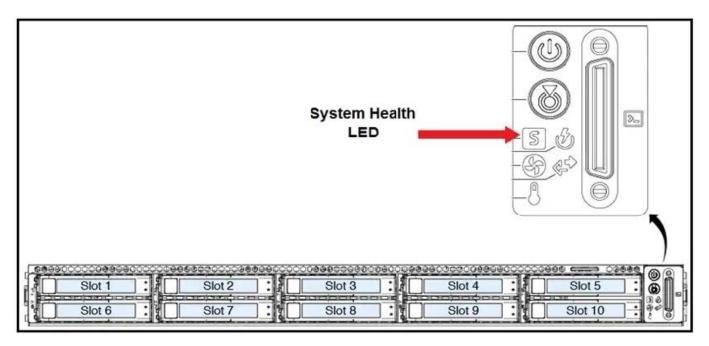
On the Sensors page from the CIMC view, which four tabs are displayed to view further information? (Choose four.)

- A. Power Supply
- B. Fan
- C. Memory
- D. CPU
- E. LEDs
- F. Temperature
- Correct Answer: ABEF



There are 2 more tabs: Voltage and Current

# **QUESTION 4**



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

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

https://www.cisco.com/c/en/us/td/docs/unified\_computing/ucs/c/hw/C220M5/install/C220M5/C220M5\_chapter\_010.html #concept\_x3p\_4cj\_mz

System health

Green-The server is running in normal operating condition.

Green, blinking—The server is performing system initialization and memory check.

Amber, steady—The server is in a degraded operational state (minor fault). For example:

Power supply redundancy is lost.

- CPUs are mismatched.
- At least one CPU is faulty.
- At least one DIMM is faulty.



At least one drive in a RAID configuration failed.

# **QUESTION 5**

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

A. SATA

B. SAS

C. PCle

D. SCSI

Correct Answer: C

Reference:

https://nvmexpress.org/wp-content/uploads/NVM-Express-1\_4-2019.06.10-Rati ed.pdf page 6

## **QUESTION 6**

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

Correct Answer: DE

Reference: https://www.cisco.com/en/US/docs/switches/datacenter/sw/4\_2/nx-os/system\_management/command/reference/sm\_cmd\_show.html

#### **QUESTION 7**

Which two statements about the Cisco Nexus 5596UP switch are true? (Choose two.)

- A. Its power supplies and fan trays are hot-swappable.
- B. It supports unified ports.
- C. It is offered in a one-rack-unit form factor.
- D. It has one expansion slot.



E. It supports up to 96 10G BASE-T ports.

Correct Answer: AB

# **QUESTION 8**

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

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

Correct Answer: BD

# **QUESTION 9**

Refer to the exhibit.

1	

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

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

Correct Answer: A



# **QUESTION 10**

Which two cable types can support 10Gbps speed? (Choose two.)

- A. CAT7
- B. CAT5a
- C. CAT5e
- D. CAT6a
- E. CAT5

Correct Answer: AD

#### **QUESTION 11**

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.

Correct Answer: CE

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

# **QUESTION 12**

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

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

Correct Answer: BE



#### **QUESTION 13**

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

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

# **QUESTION 14**

What is the correct path to verify the Overall Status of Chassis 1 | Server 3?

- A. Equipment Tab > Chassis > Chassis 1 > Servers > Server 3 Status tab
- B. Equipment Tab > Chassis > Chassis 1 > Servers > Server 3 General tab
- C. Equipment Tab > Chassis > Chassis 1 > Servers > Server 3 FSM tab
- D. Servers Tab > Chassis > Server 3 General tab
- E. Status Tab > Chassis > Chassis 1 > Servers > Server 3
- F. Admin Tab > Chassis > Chassis 1 > Servers > Server 3 General tab

Correct Answer: B

## **QUESTION 15**

Which five things should the administrator verify after performing maintenance or replacing a blade server? (Choose five.)

- A. blade server status
- B. hard drive status
- C. host OS boot status



- D. CPU status
- E. mezzanine card status
- F. memory DIMM status
- G. fan and power status
- Correct Answer: ABDEF

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