Free Questions for 010-151 by certscare

Shared by Kane on 12-12-2023

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Question 1

Refer to the exhibit.
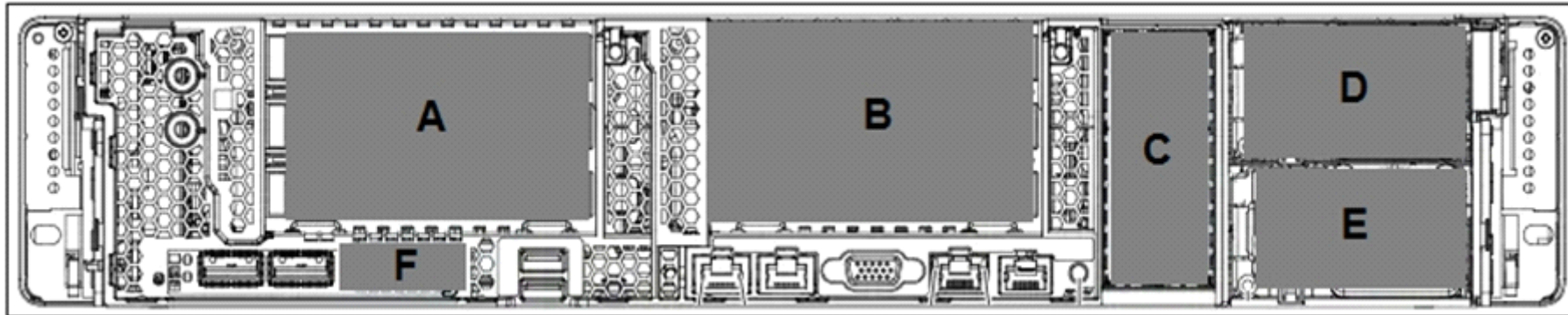

Which item does B represent?

Options:

A- mLOM

B- Rear 2.5-inch drive bays

C- PCIe Riser 1

D- PCIe Riser 2

E- Power Supply

Answer:

D

Question 2

Question Type: **MultipleChoice**

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

Options:

A- Allows Fibre Channel and Ethernet networks to share a single, integrated infrastructure.

B- Encapsulates Ethernet frames into Fibre Channel frames, which allows them to run alongside traditional IP traffic.

C- Increases capital costs due to the difficulty to manage.

D- Consolidates I/O traffic in the data center.

E- It allows Ethernet traffic to run over a Fibre Channel infrastructure.

Answer:

A, D

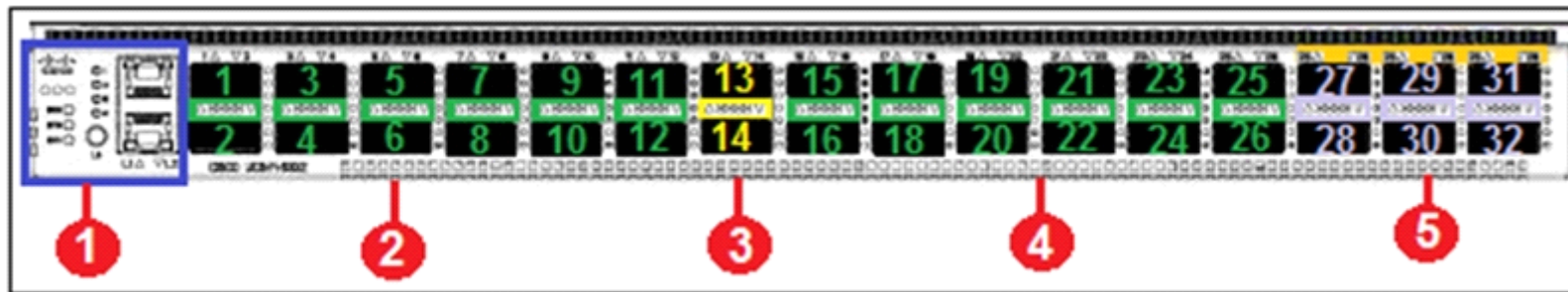# Question 3

Refer to the exhibit.

Which item does 3 represent?

Options:

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

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/hw/6300-install-guide/6300_Series_HIG/6300_Series_HIG_chapter_01.html

Question 4

Question Type: MultipleChoice

Refer to the exhibit.

UCS Manager

All

- Equipment
  - Chassis
    - Chassis 4
    - Chassis 5
    - Chassis 6
    - Chassis 7
    - Rack-Mounts
      - FEX
      - Servers
        - Server 1
      - Server 2
      - Server 3
      - Server 4
      - Server 5
      - Server 6
      - Server 7
      - Server 8
      - Server 9
      - Server 10
      - Server 11
      - Server 12
      - Server 13
      - Server 14
      - Server 15
      - Server 16
      - Server 17

Equipment / Rack-Mounts / Serve

General Inventory Virtual Machine   Installed Firmware SEL Logs CMC Sessions VIF Path   Monitor Health Diagnostics Faults Evi

Fault Summary

⊗	▽	△	❗
0	0	0	4

Status

Overall Status ↓ **Unassociated**

Status Details

Actions

Create Service Profile
Associate Service Profile
Set Destract Power State
Stock Server
Shutdown Server
Reset
Recover Server
Server Maintenance
KVM Console >>
RDK as CMC for Set >>
Turn on Locator LED
Lock FP Buttons
View POST Results
Start Fault Suppression

Physical Display

Properties

ID	:1		
Product Name	:Cisco UCS C220 M4S		
Vendor	:Cisco Systems Inc	PID	:UCSC-C220-M45
Revision	: 0	Serial	:RK46
Asset Tag	:		
Name	:		
User Label	:		
Unique Identifier	:1b4e28ba-2fa1-11d2-e001-b0a761bde3fb		
Service Profile	:		
Locator LED	:⊙	FP buttons	Unlocked

Summary

Number of Processors	:1	Cores Enabled	:4
Cores	:4	Threats	:8
Effective Memory (MB)	:49152	Total Memory (MB)	:49152
Operating Memory Speed	:N/A	Operating Memory Vottage	:N/A
Adapters	:1		
NICs	:0	HBAs	:0

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

A- A

B- B

C- C

D- D

Answer:

A

Question 5

Question Type: **MultipleChoice**

Which two statements are true about the Cisco UCS C4200 Rack server and UCS C125 M5 compute node? (Choose two.)

Options:

A- 8 NVIDIA SXM2 V100 32G modules with NVLink interconnect

B- AMD EPYC 7000 series processors, with up to 32 cores per socket

C- 2666-MHz DDR4 memory and 24 DIMM slots for up to 3 TB of total memory

D- Optional dual USB ports for increased storage or boot drive capacity

E- Over 45 TB of storage, with up to six small-form-factor 2.5-inch direct-attached drives per node

Answer:

D, E

Explanation:

https://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-c4200-series- rack-server-chassis/datasheet-c78-740839.html
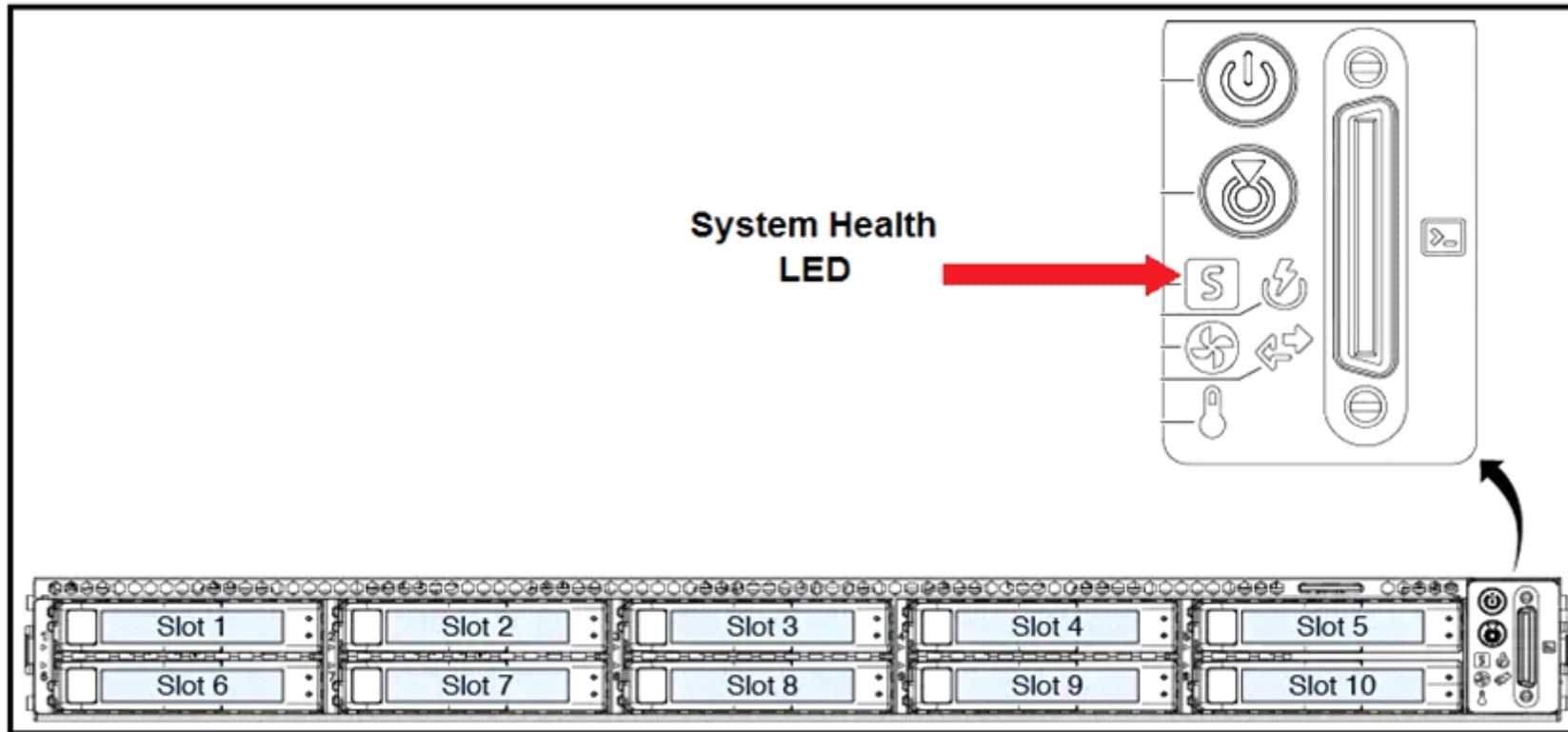
Question 6

Question Type: **MultipleChoice**

Refer to the exhibit.

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

Options:

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

Answer:

B, E

Question 7

Question Type: MultipleChoice

Which RAID level fault tolerance allows two disk failures?

Options:

A- RAID 1

B- RAID 4

C- RAID 5

D- RAID 6

Answer:

D

Explanation:

Question 8

Question Type: **MultipleChoice**

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

Options:

A- Fabric Interconnect firmware

B- Cisco UCS Infrastructure software

C- Cisco UCS Manager

D- CIMC

E- System BIOS

Answer:

D, E

Explanation:

Question 9

Question Type: **MultipleChoice**

How many wires does each PCIe lane have?

Options:

A- Two

B- Four

C- Eight

D- Sixteen

Answer:

B

Explanation:

https://cotscomputers.com/blog/pcie-lanes/#:~:text=Each%20lane%20consists%20of%20two,x4% 2C%20x8%2C%20or%20x16

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