

# Supporting Cisco Data Center System Devices (DCTECH)

1. 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. iSCSI

D. FCoE

**Answer(s): C**

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2. Which method does FCIP use to enable connectivity of geographically distributed Fibre Channel SANs over IP?

A. routing

B. tunneling

C. handshaking

D. transporting

**Answer(s): B**

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3. 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

**Answer(s): B**

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

A. 10 Mb/s

B. 100 Mb/s

C. 1000 Mb/s

D. 10000 Mb/s

**Answer(s): B**

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5. Which fiber optic cable type is used most often with a Subscriber connector?

A. dual-mode

B. single-mode

C. straight-mode

D. multi-mode

E. subscriber-mode

**Answer(s): B**

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

A. any-to-many

B. many-to-any

C. any-to-any

D. any-to-one

E. one-to-any

F. one-to-one

**Answer(s): C**

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

A. 100 Mb/s

B. 1 Gb/s

C. 10 Gb/s

D. 100 Gb/s

**Answer(s): D**

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8. 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. You can install a PCI Express x8 adapter into an x4 slot.

- 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. A link that is composed of four lanes is called an x4 link.

**Answer(s):** A E

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

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

**Answer(s):** A B D

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

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

**Answer(s):** B

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**11.** 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 bottom front of the chassis next to the Cisco logo

C. on the top front of the chassis next to the Cisco logo

D. on the bottom front of the chassis next to the serial number

**Answer(s): C**

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**12.** How do you find the serial number of a Cisco UCS 5108 Blade Server chassis?

A. Use the Cisco UCS Admin.

B. Use the Cisco UCS Application.

C. Use the Cisco UCS Assistant.

D. Use the Cisco UCS Manager.

**Answer(s): D**

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

A. Amber

B. Red

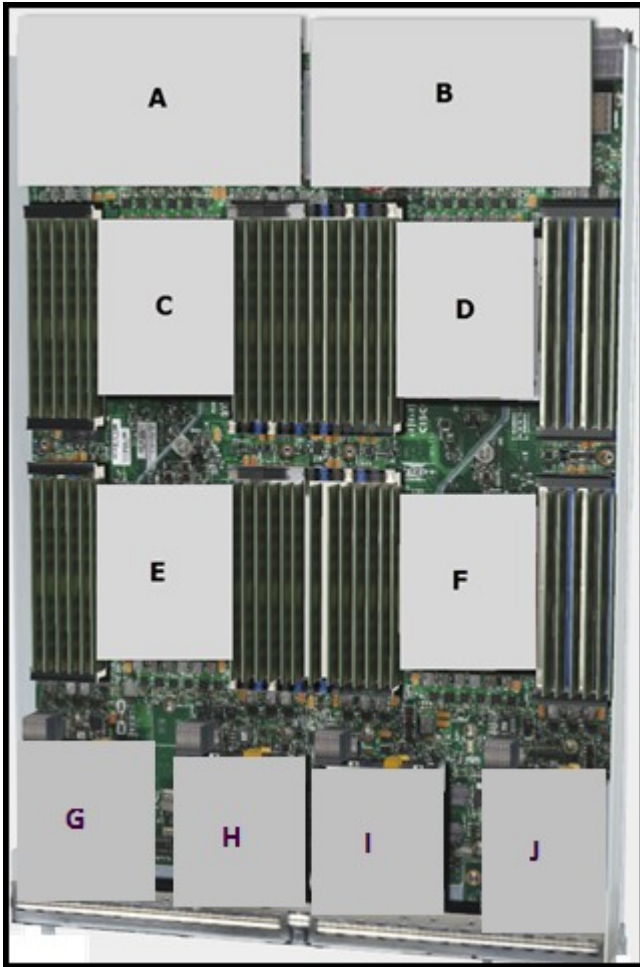
C. Blinking amber

D. Blinking red

**Answer(s): C**

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14. Refer to the exhibit.



Which item does F represent?

A. HDD 1

B. TFP Module

C. SuperCap Module

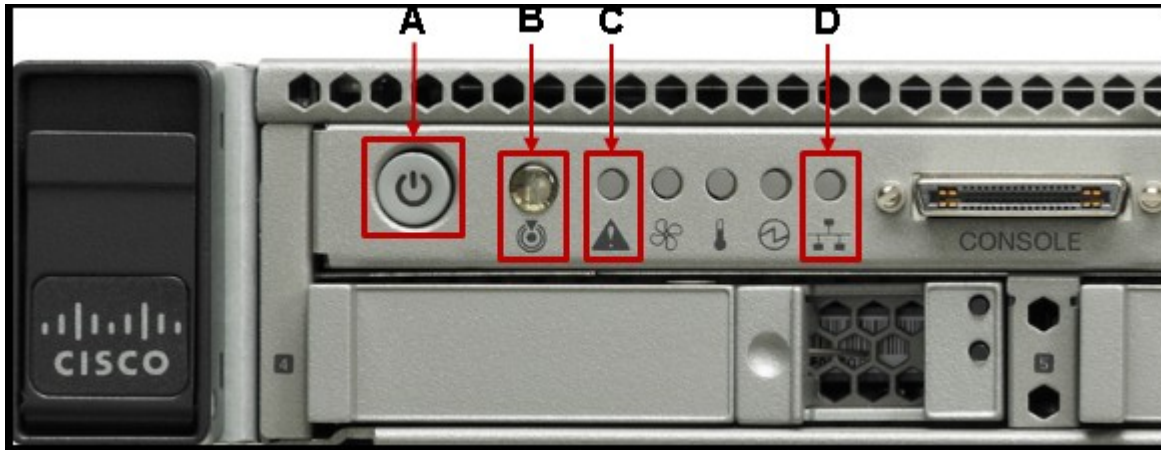
D. CPU 2

E. CMOS Battery

**Answer(s): D**

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15. 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 power button and power status LED; D is identification button and LED.

C. 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.

D. 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.

**Answer(s):** A

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16. Which processor option is supported in the Cisco UCS C420 M3 Server?

A. up to two Intel Xeon E5-4600 series multicore processors

B. up to two Intel Xeon E7-4800 series multicore processors

C. up to four Intel Xeon E5-4600 series multicore processors

D. two or four Intel Xeon E7-8800 series multicore processors

**Answer(s):** C

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

A. Virtual Fiber Channel Module

B. Virtual Ethernet Module

C. Virtual Supervisor Module

D. Virtual Memory Controller Module

E. Virtual Network Module

**Answer(s):** B C

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

A. Cisco Nexus 5548P

B. Cisco Nexus 5548UP

C. Cisco Nexus 5596UP

D. Cisco Nexus 5596T

**Answer(s):** D

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**19.** Which Cisco MDS model supports the most Fibre Channel ports per chassis?

A. MDS 9513

B. MDS 9509

C. MDS 9506

D. MDS 9250i

**Answer(s):** A

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20. 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(s): C**

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