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

Supporting Cisco Data Center System Devices

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### **QUESTION 1**

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

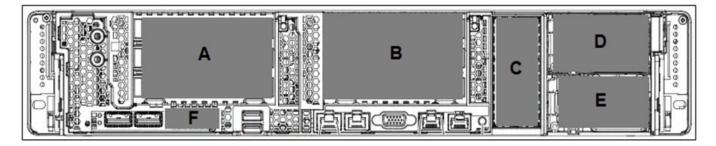
- A. The PCIe link is built around dedicated unidirectional couples of serial, point-to-point connections known as lanes.
- B. You can install a PCI Express x8 adapter into an x4 slot.

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.

Correct Answer: AE

### **QUESTION 2**



Refer to the exhibit. Which item does B represent?

A. mLOM

- B. Rear 2.5-inch drive bays
- C. PCle Riser 1
- D. PCle Riser 2
- E. Power Supply
- Correct Answer: D

### **QUESTION 3**

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 4**

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

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

Correct Answer: AC

### **QUESTION 5**

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

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

### **QUESTION 6**

Which two provide connectivity to Fabric Extenders? (Choose two.)

A. UCS 6300 series



- B. UCS B-Series Servers
- C. UCS 6400 series
- D. UCS S-Series Storage Servers
- E. UCS E-Series Servers

Correct Answer: AC

### **QUESTION 7**

Refer to the exhibit.

| Equipment Servers LAN SAN VM Admin               | Main Topolo      |
|--|------------------|
|  | Installed Firmwa |
| Filter: All                                      |                  |
| + -  | 🛨 🖃 🔍 Filt       |
|  | Name             |
|  | 🕀 📥 UCS Ma       |
| Chassis  |                  |
| E B Fans   | B                |
| 10 Modules                                       |                  |
| + PSUs   |                  |
| E Servers  | 5                |
| E Rack-Mounts C                                  |                  |
| FEX C  |                  |
| Servers  |                  |
| E Babric Interconnects                           |                  |
| Fabric Interconnect A (subordinate) Fixed Module |                  |
| Expansion Module 2                               |                  |
| E B Fans   |                  |
| E PSUs   |                  |
| Fabric Interconnect B (primary)                  |                  |
| Email: Fixed Module                              |                  |
| Expansion Module 2                               | EI               |
| Bans   |                  |
| 🕀 🥁 PSUs   |                  |
|  |                  |
|  |                  |
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|  |                  |

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

Correct Answer: B

### **QUESTION 8**

Which two remote file system methods are used in the training material to transfer firmware to the Fabric Interconnect? (Choose two.)

A. FTPS

B. FTP

C. TFTP

D. RSH

Correct Answer: BC

### **QUESTION 9**

Which two statements are true about system controllers of Cisco Nexus 9500 Series? (Choose two.)

A. They provide centralized arbitration to the system fabric for all line cards.

B. They control the Layer 2 and Layer 3 services.

C. The Cisco Nexus 9500 Series switch software, Enhanced NX-OS, runs on the system controllers.

D. They are used to o oad the internal non-data-path switching and management functions from the supervisor engines.

E. The Cisco Nexus 9500 Series supports redundant system controllers.

Correct Answer: DE

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

### **QUESTION 10**

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

Correct Answer: C

### **QUESTION 11**

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

- A. routing
- B. tunneling
- C. handshaking
- D. transporting

Correct Answer: B

### **QUESTION 12**

Which Cisco NX-OS command displays kernel uptime?

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

Correct Answer: B

#### **QUESTION 13**

Which NX-OS command is used to display the boot variable configuration?

- A. display boot
- B. open boot
- C. show config
- D. show boot
- Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/fundamentals/command/referenc e/fnd\_cmd/fnd\_commands.ht ml

### **QUESTION 14**

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

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

Correct Answer: ABD

### **QUESTION 15**

Which supervisor module is supported by a Cisco Nexus 7700 Series Switch?

- A. first-generation supervisor module
- B. second-generation supervisor module (Sup2)
- C. second-generation supervisor enhanced module (Sup2E)
- D. third-generation supervisor enhanced module (Sup3E)

Correct Answer: C

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