800-150 Dumps

Supporting Cisco Devices for Field Technicians

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NEW QUESTION 1
Why is it important to verify the update status after the initial upgrade process when upgrading firmware on a Cisco UCS C-Series server using the Host UpgradeUtility?

A. To generate a report for compliance documentation
B. To confirm that all intended components were successfully updated
C. To ensure compatibility with third-party applications
D. To activate the new licenses associated with the firmware

Answer: B

NEW QUESTION 2
What does OIR stand for in the context of Cisco ASR component replacement?

A. Offline Installation and Reboot
B. Operational Interface Redundancy
C. Optical Interface Routing
D. Online Insertion and Removal

Answer: D

NEW QUESTION 3
Which cable type should be used when installing replacement hardware and connecting two devices of the same type, like two DTEs or two DCEs?

A. USB Type A to Type B cable
B. Rolled RJ-45 to RJ-45 console cable
C. RJ-45 Ethernet straight-through patch cable
D. RJ-45 Ethernet crossover patch cable

Answer: D

NEW QUESTION 4
Which command provides a concise look at important switch port characteristics, such as port ID, VLAN, duplex, speed, and media type?
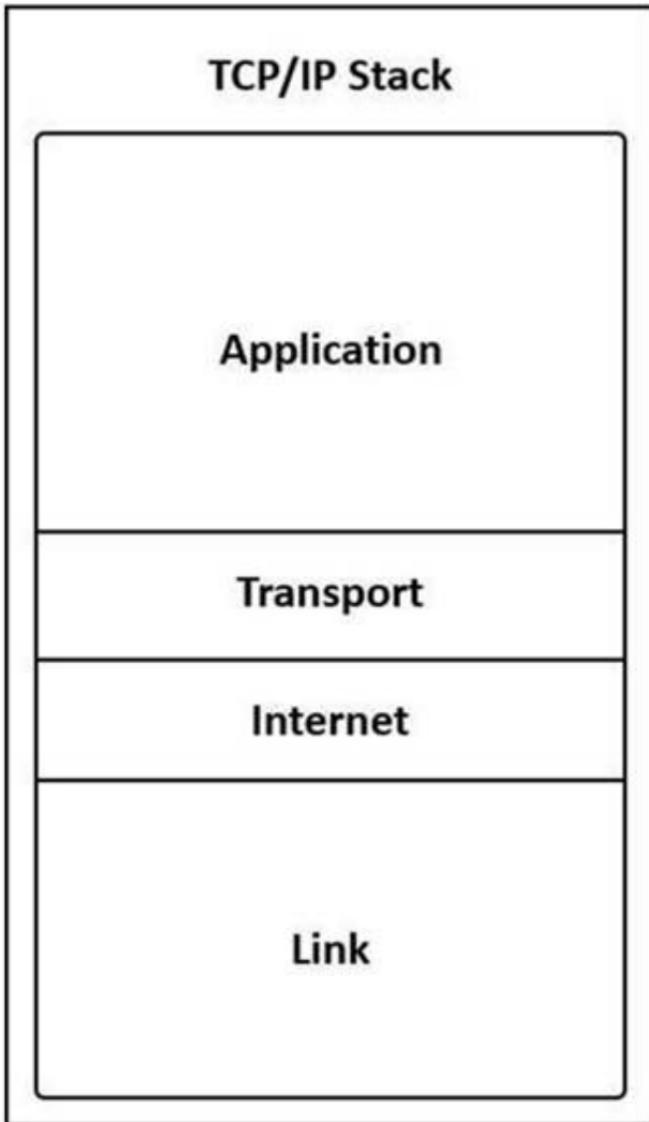
A. show cdp neighbors
B. show interface status
C. show controllers
D. show ipinterface brief

Answer: B

NEW QUESTION 5
DRAG DROP
Refer to the exhibit.

```
┌─────────────────────────────────┐
│  TCP/IP Stack                    │
│  ┌───────────────────────────┐   │
│  │                           │   │
│  │      Application          │   │
│  │                           │   │
│  ├───────────────────────────┤   │
│  │      Transport            │   │
│  ├───────────────────────────┤   │
│  │      Internet             │   │
│  ├───────────────────────────┤   │
│  │                           │   │
│  │      Link                 │   │
│  │                           │   │
│  └───────────────────────────┘   │
└─────────────────────────────────┘
```

Drag and drop the steps in the TCP/IP encapsulation process from the left onto the corresponding layer on the right.

groups the data into frames, adding a header and FCS trailer	application layer
groups the transport data into packets, adding a network header	transport layer
groups the data Into segments and adds a header	internet layer
adds a header to the user data	link layer

A. Mastered
B. Not Mastered

Answer: A

Explanation:
The FLDTEC training describes the TCP/IP encapsulation as a step-by-step process where data is passed down through the layers of the TCP/IP model:
Application Layer: User data is created (email, file, request) and the application layer adds the application header, creating a data payload.
Transport Layer: The data is segmented. Each segment receives a transport-layer header (TCP/UDP), enabling proper sequencing and error handling at the destination.
Internet Layer: Segments are encapsulated into packets (IP datagrams), with an IP header added to facilitate routing between networks.
Link Layer: Finally, packets are framed with Layer 2 headers and trailers (including the Frame Check Sequence for error detection), creating a frame ready to be transmitted on the physical medium. This layered encapsulation ensures interoperability and troubleshooting clarity, which is why it is emphasized in FLDTEC??s IOS Software Basics module.

NEW QUESTION 6
Refer to the exhibit.

```
Router#
NAME: "Chassis", DESCR: "Cisco ISR4451-X/K9"
PID: ISR4451-X/K9, VID: V01, SN: FCW2134L0SH
```

Which CLI show command identifies the serial number on a router?

A. show inventory
B. show idprom
C. show version
D. show platform

Answer: A

NEW QUESTION 7
What is the primary role of a switch in a local area network?

A. to route data packetsbetween different networks
B. to encrypt data transmissions for security
C. to divide the network into separate collision domains
D. to provide wireless connectivity to LAN devices

Answer: C

NEW QUESTION 8
Which command is used to determine if there is sufficient space in the memory of a device before installing a new Cisco IOS image?

A. show file-system
B. show storage
C. show memory
D. show flash:

Answer: D

NEW QUESTION 9
Refer to the exhibit. Which replaceable components are highlighted on the three different series of Cisco UCS servers?

A. storage modules
B. GPU sockets
C. fan modules
D. power supplies

Answer: C

NEW QUESTION 10
DRAG DROP
Drag and drop the functions from the left onto the corresponding Cisco data center technologies on the right.

integrates multiple network layers into a single infrastructure	Unified Fabric
provides link aggregation and redundancy between switches	Fibre Channel over Ethernet (FCoE)
enables software-defined networking in data centers	virtual port channels (vPCs)
combines storage and network traffic on a single network	Application Centric Infrastructure (ACI)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

integrates multiple network layers into a single infrastructure	integrates multiple network layers into a single infrastructure
provides link aggregation and redundancy between switches	combines storage and network traffic on a single network
enables software-defined networking in data centers	provides link aggregation and redundancy between switches
combines storage and network traffic on a single network	enables software-defined networking in data centers

NEW QUESTION 10
Which hardware platform is Cisco UnifiedCommunications Manager typically deployed on?

A. Cisco ASR routers
B. Cisco Catalyst switches
C. Cisco ISR routers
D. Cisco UCS C-Series servers

Answer: D

NEW QUESTION 11
DRAG DROP

Cisco Room Navigator | Cisco Board Pro

Cisco Quad Camera | Cisco PTZ 4K Camera

Refer to the exhibit. Drag and drop the functions from the left onto the corresponding devices on the right.

provides 4K resolution and zoom capabilities	Cisco Room Navigator
supports video conferencing and content sharing	Cisco PTZ 4K Camera
creates panoramic views of meeting participants	Cisco Quad Camera
controls room environment and scheduling	Cisco Webex Board Pro

A. Mastered
B. Not Mastered

Answer: A

Explanation:
According to theCisco FLDTEC training and product documentation:

➤ Cisco PTZ 4K Camera: Offers high-definition video capture with pan-tilt-zoom features and 4K resolution — ideal for large conference spaces.

➤ Cisco Webex Board Pro: Interactive collaboration device that combines video conferencing, whiteboarding, and wireless content sharing.

➤ Cisco Quad Camera: Features multiple cameras for wide-angle views, speaker tracking, and automatic framing — great for medium to large meeting rooms.

➤ Cisco Room Navigator: A touchscreen device that provides intuitive control for room settings, scheduling, and call management.

NEW QUESTION 12
What is the main advantage of using Bundle mode when installing Cisco IOS XE Software on a switch?

A. Automatic creation of the packages.conf file
B. Simplicity, with no need to manage individual packages
C. Faster boot times compared to Install mode
D. Ability to install and upgrade packages independently

Answer: B

NEW QUESTION 16
DRAG DROP
Drag and drop the Cisco NX-OS components from the left onto the corresponding descriptions on the right.

Kickstart Image		specialized bootloader that Initializes the hardware
System Image		contains the full NX-OS kernel and operating system
Global configuration command mode		allows for displaying device status and configuration information
EXEC command mode		provides access to the broadest range of commands that affect the device as a whole

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Kickstart Image		Kickstart Image
System Image		System Image
Global configuration command mode		EXEC command mode
EXEC command mode		Global configuration command mode

NEW QUESTION 20
Which two devices are most commonly used in a WAN environment? (Choose two.)

A. Hubs
B. Optical fiber converters

C. Modems
D. Network interface cards
E. Wireless access points

Answer: BC

Explanation:
In the context ofWide Area Networks (WANs), the key objective is to connect geographically separated networks using service provider infrastructure. The FLDTEC course emphasizes that WAN environments typically involve devices that can handle different physical transmission mediums and protocols.
Modems:

> Modulate and demodulate analog signals to digital signals.

> Used in WAN environments to connect over analog lines like DSL or leased lines.

> Essential for interfacing between digital routers and analog telephone networks.

Optical Fiber Converters:

> Also known asmedia converters, they are used to convert electrical signals to optical signals (and vice versa) for fiber transmission.

> Common in WAN scenarios where long-distance high-speed transmission over fiber is required.

Incorrect Options:

> A. Hubs: Obsolete Layer 1 devices used in LANs, not suitable for WANs.

> D. Network Interface Cards (NICs): Used in end devices for LAN connectivity.

> E. Wireless Access Points: Typically used in WLANs within local premises, not WAN infrastructure. This aligns withCisco??s WAN architecture fundamentalsas highlighted in FLDTEC under ??Cisco
Equipment and Related Hardware.??

NEW QUESTION 24
DRAG DROP
Drag and drop the characteristics from the left onto the corresponding categories of MDS switch on the right.

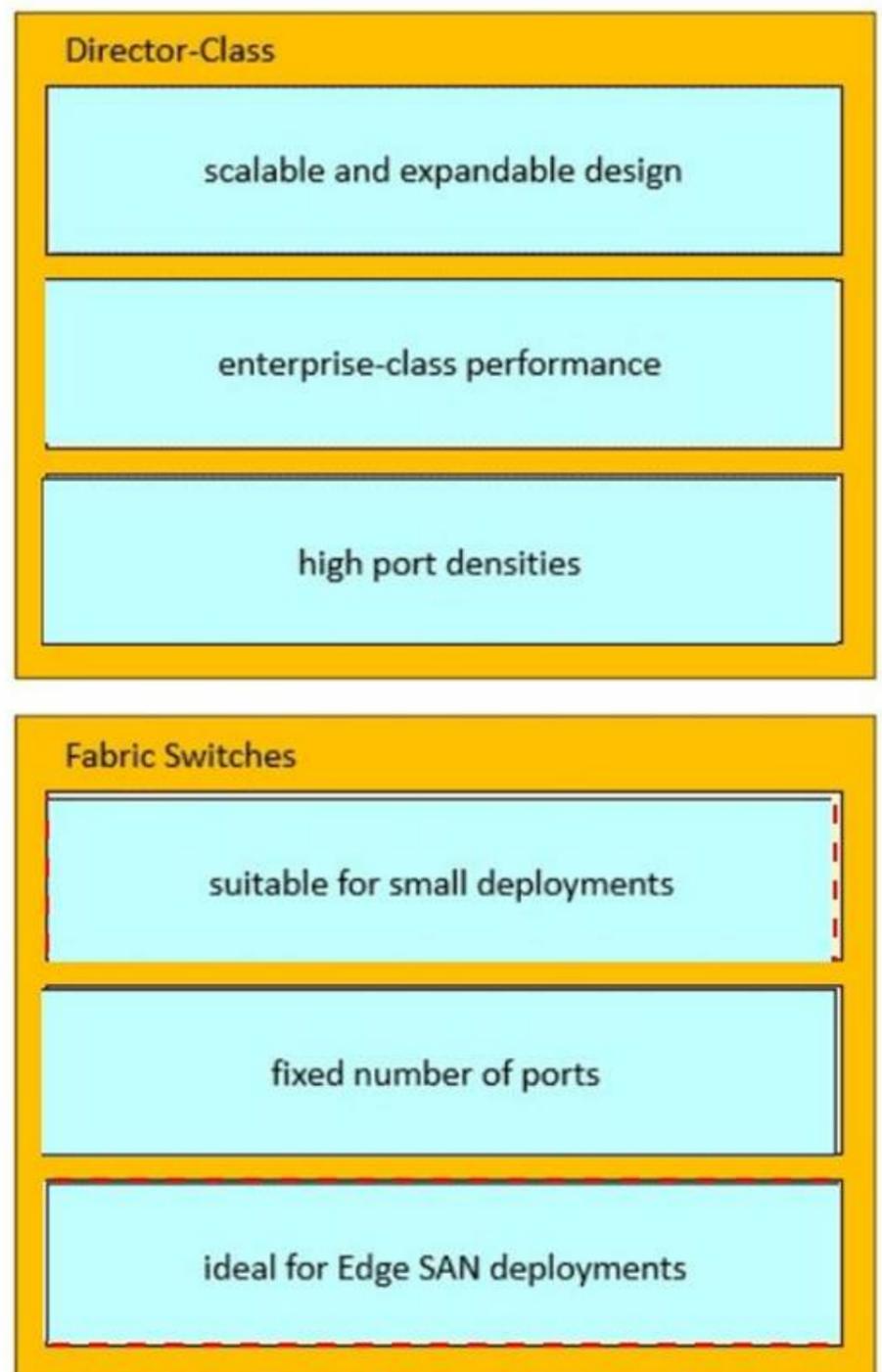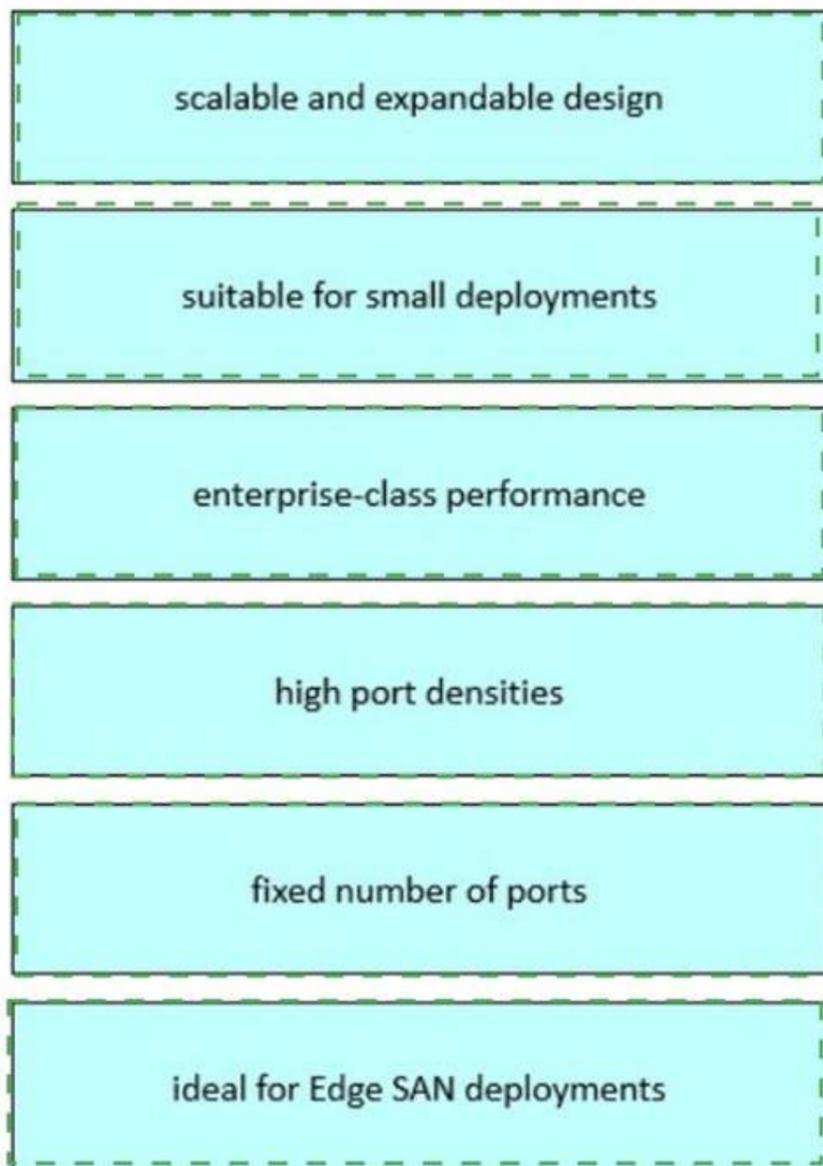| scalable and expandable design	**Director-Class**
suitable for small deployments	
enterprise-class performance	
high port densities	**Fabric Switches**
fixed number of ports	
ideal for Edge SAN deployments	

A. Mastered

B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 25
What is the primary advantage of the Cisco Intersight cloud-based approach compared to traditional on-premises management tools?

A. It requires less local storage
B. It offers better integration with non-Cisco products
C. It allows management from anywhere without on-premises software
D. It provides faster hardware upgrades

Answer: C

NEW QUESTION 26
Which two network design strategies in Cisco data center solutions improve fault tolerance and high availability? (Choose two.)

A. SAN extension over IP networks (FCIP)
B. Redundant supervisor engines and fabric modules
C. High-density 10/40/100 gigabit Ethernet connectivity
D. Virtual port channels for link aggregation
E. Access layer switch deployment

Answer: BD

NEW QUESTION 29
Which two components are accessed by removing the chassis cover on Cisco Catalyst 8000 Series Edge platforms? (Choose two.)

A. Transceivers
B. Network Interface Modules
C. DIMMs
D. SSDs

E. Fan trays

Answer: CD

NEW QUESTION 31
Which scenario would result in a speed mismatch when configuring Ethernet devices with different speed settings?

A. One end is manually set to 1 Gbps, and the other end is manually set to 100 Mbps
B. Both ends are manually set to thesame speed
C. One end is manually set to 100 Mbps, and the other end is set to auto-negotiation
D. Both ends are set to auto-negotiation and fail, reverting to their lowest speeds

Answer: A

NEW QUESTION 32
DRAG DROP
Drag and drop the TFTP statements from the left onto the corresponding categories on the right.

Statements	Advantages of TFTP
lack of security features and user authentication	
simple setup and operation	

	Disadvantages of TFTP
transferring small files without security concerns	
not suitable for transferring large files	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
The FLDTEC course teaches that TFTP is a lightweight file transfer protocol often used in Cisco devices for transferring configuration files or IOS images, especially in environments where simplicity is more critical than security:
Advantages:
It has a lightweight footprint, making it easy to use and configure.
Useful for transferring small files such as backup configs or small IOS images.
Disadvantages:
Lacks encryption and does not support authentication, making it insecure for sensitive or production environments.
Not efficient for large file transfers due to its limited feature set and reliance on UDP (User Datagram Protocol).
This makes TFTP a good fit for trusted internal networks where simplicity is preferred over robust security.

NEW QUESTION 37
Refer to the exhibit.

Which component is highlighted on the Cisco I/O module image?

A. captive screw
B. chassis connections LED
C. fan module LED
D. fixed port

Answer: B

NEW QUESTION 42
Which command is used to specify the source for the Cisco IOS software image to load during the boot process?

A. boot image
B. boot system
C. boot ios
D. boot source

Answer: B

NEW QUESTION 47
Which type of license is locally managed and does not require external tools for management?

A. Hybrid licenses
B. PAK licenses
C. RTU licenses
D. Smart licenses

Answer: C

NEW QUESTION 48
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