



Cisco

Exam Questions 800-150

Supporting Cisco Devices for Field Technicians

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NEW QUESTION 1

DRAG DROP

Drag and drop the tools from the left onto the corresponding primary functions on the right.

flash card reader	copying IOS images to and from a router or switch
USB thumb drive	testing router or switch Ethernet port functionality
RJ-45 Ethernet loopback connector	connecting two RJ-45 cables to extend length
RJ-45 coupler	copying IOS images and configuration files to/from a PC/laptop or TFTP server

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

In the FLDTEC curriculum, technicians are trained on physical tools essential for support in the field.

These tools and their uses are explained as follows:

Flash Card Reader: Used with removable CompactFlash cards commonly found in older Cisco routers and switches. These cards hold the IOS image or config files.

USB Thumb Drive: Used for transferring IOS files or configs directly to and from Cisco devices that support USB storage. Convenient for portable backups.

RJ-45 Ethernet Loopback Connector: A diagnostic tool that loops the signal back into the port. Helps verify port functionality by simulating a live Ethernet connection.

RJ-45 Coupler: Allows two patch cables to be connected, effectively extending the reach of a cable ?? useful in setups where a single cable is not long enough.

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

How many bits are borrowed from the default host portion of the address to create subnets in a Class B network with a subnet mask 255.255.255.0?

- A. 3 bits
- B. 5 bits
- C. 3 bits
- D. 8 bits

Answer: D

NEW QUESTION 4

Which Layer 2 technology extends to access layer devices, allowing individual switch ports to be assigned for network and traffic management in an enterprise network?

- A. BGP
- B. VLANs
- C. OSPF
- D. MPLS

Answer: B

NEW QUESTION 5

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 6

Which protocol should be analyzed when troubleshooting call quality between IP phones?

- A. SIP
- B. SCCP
- C. H.323
- D. RTP

Answer: D

NEW QUESTION 7

Which command prompt commands provide the most thorough network diagnostic information when troubleshooting connectivity issues between a Windows PC and a Cisco device?

- A. ipconfig /all ping
- B. netstat -anetsh wlan show interfaces ipconfig /releaseipconfig /renew
- C. ping tracert netstat
- D. nslookup arp -a route print

Answer: A

NEW QUESTION 8

Why is the midplane-free design of the X9508 Modular Chassis significant in the context of Cisco UCS X-Series compute node replacement?

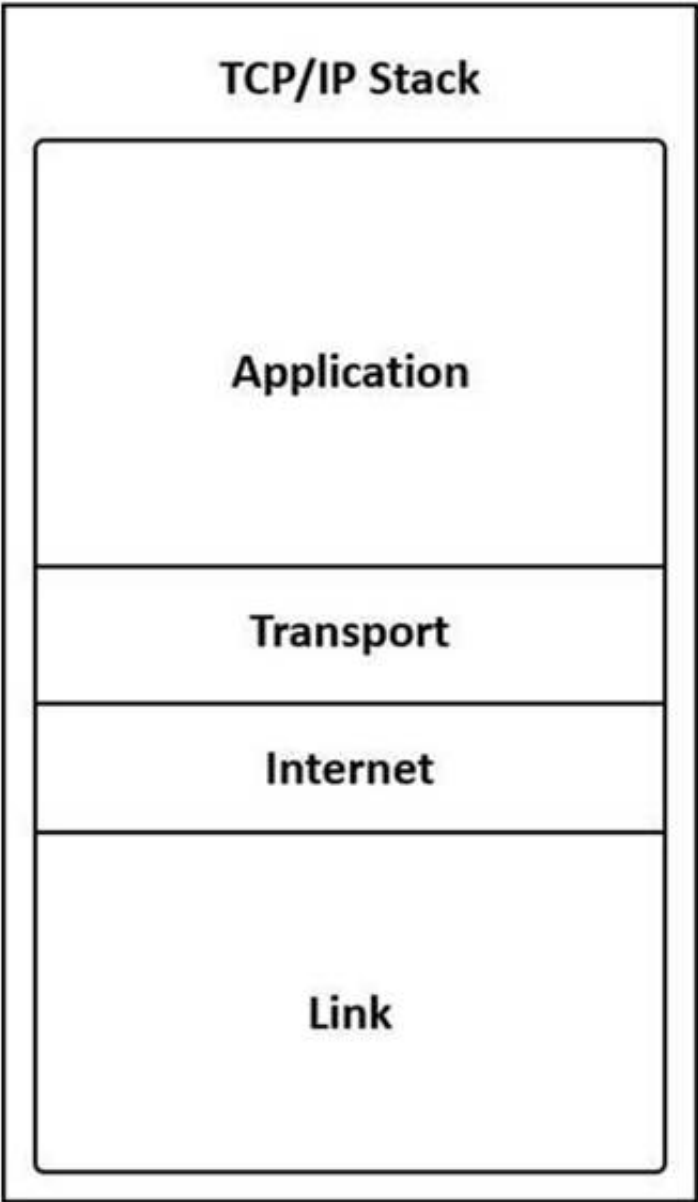
- A. It enables hot-swapping of compute nodes without powering down the chassis.
- B. It enables direct front-to-rear airflow, improving cooling efficiency during node replacement.
- C. It allows for easier future upgrades to faster connectivity standards.
- D. It reduces the overall power consumption of the chassis.

Answer: B

NEW QUESTION 9

DRAG DROP

Refer to the exhibit.



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 10

Which two actions ensure a smooth transition to the new hardware when replacing a Cisco UCS C-Series Rack-Mount Server? (Choose two.)

- A. Reconfigure the DHCP server to assign a new IP address to the replacement server.
- B. Back up the server configuration using Cisco Integrated Management Controller.
- C. Temporarily disable all firewalls during the replacement process.
- D. Decommission the server if it is integrated in a Cisco UCS domain.
- E. Update the firmware on the fabric interconnects.

Answer: BD

NEW QUESTION 10

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

- A. to route data packets between 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 11

What is a feature of Cisco Meraki switches that simplifies the replacement process?

- A. Built-in configuration wizard
- B. Automatic hardware detection
- C. Offline configuration backup
- D. Cloud-based management

Answer: D

NEW QUESTION 14

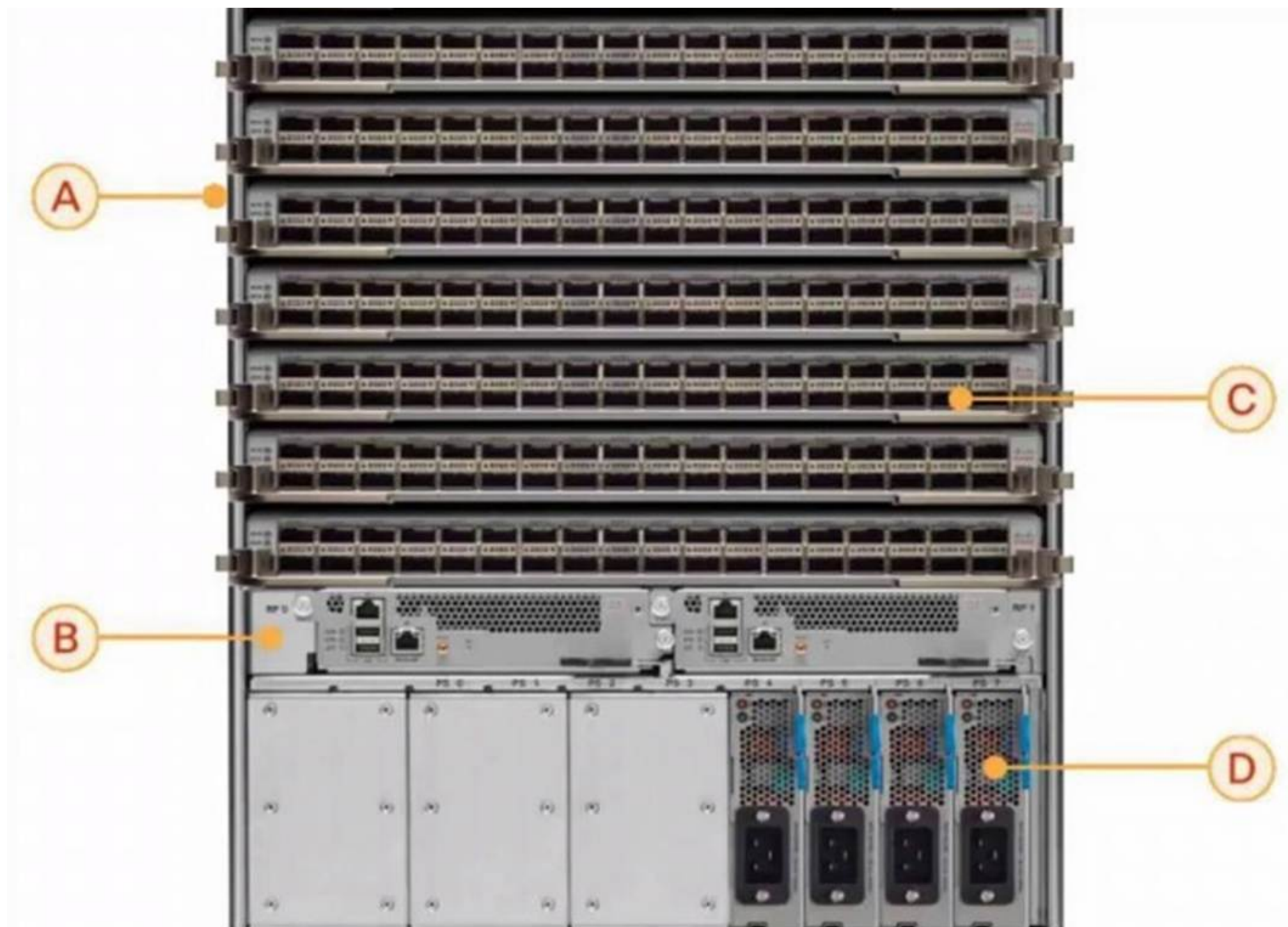
What is the primary purpose of changing the configuration register when performing password recovery?

- A. To erase the entire configuration
- B. To ignore the startup configuration
- C. To unlock all user accounts
- D. To enable advanced debugging features

Answer: B

NEW QUESTION 19

DRAG DROP



Refer to the exhibit. Drag and drop the names of the field-replaceable units from the left onto the corresponding letters on the image of the Cisco NCS 5500 Series modular router.

power supplies

transceivers

route processor cards

line cards

A

B

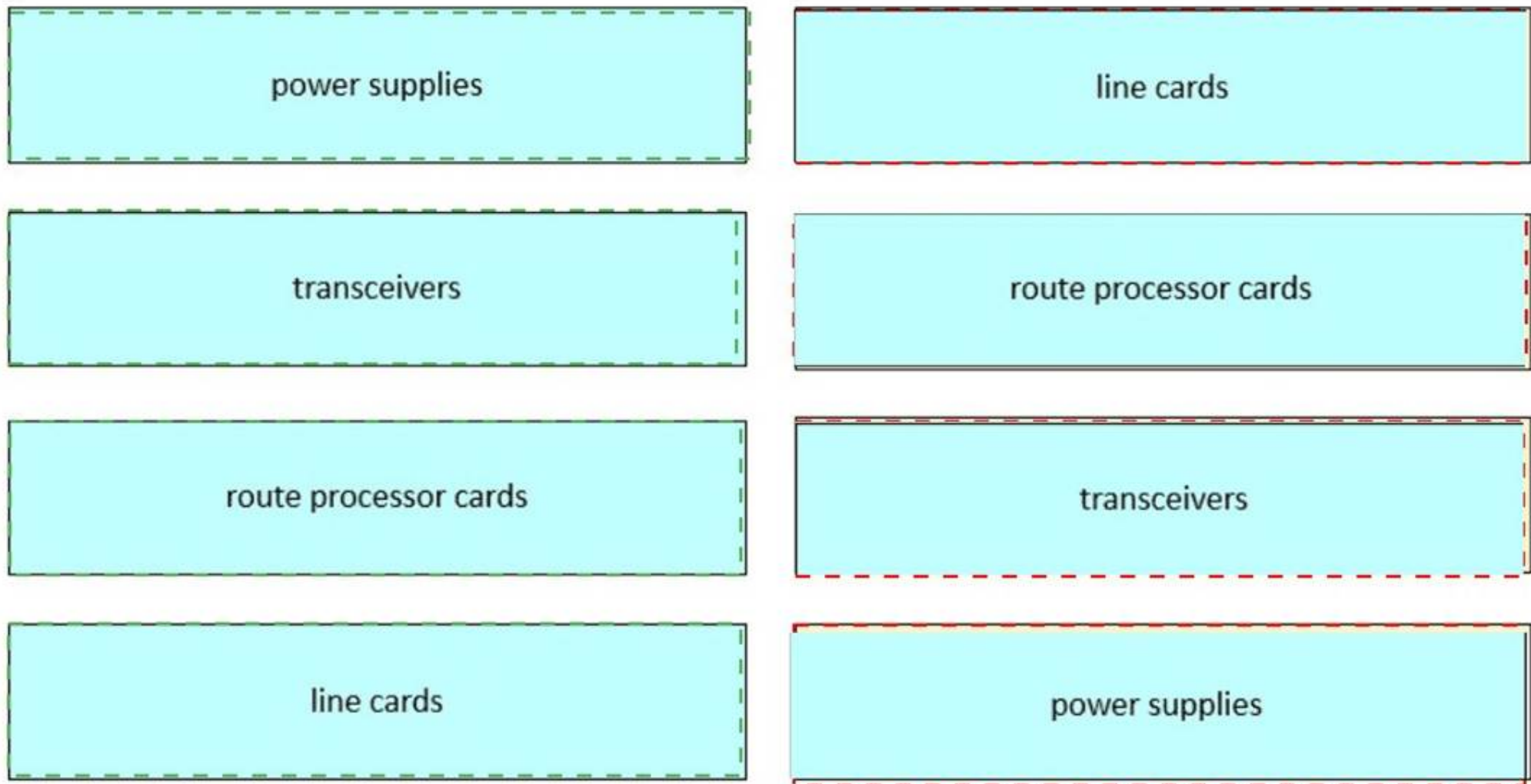
C

D

A. Mastered
 B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 20

What is the primary reason for placing heavier devices toward the bottom of the rack when installing replacement hardware?

- A. To maintain rack stability
- B. To simplify device maintenance
- C. To improve air circulation
- D. To facilitate easier cable management

Answer: A

NEW QUESTION 24

Which two configuration parameters are most critical to ensure optimal performance when configuring a network port for a newly installed IP phone in an enterprise environment? (Choose two.)

- A. VLAN assignment
- B. Link aggregation
- C. Spanning Tree Protocol
- D. Power over Ethernet
- E. QoS classification

Answer: AD

NEW QUESTION 25

Which term describes the physical range of radio frequency coverage provided by an access point in a wireless topology?

- A. Service Set Identifier (SSID)
- B. Basic Service Area (BSA)
- C. Wireless LAN (WLAN)
- D. Wireless LAN Controller (WLC)

Answer: B

NEW QUESTION 27

What is the purpose of the chassis in a blade server environment?

- A. To provide additional processing power
- B. To act as a storage array for the servers
- C. To replace the need for network switches
- D. To house multiple servers

Answer: D

NEW QUESTION 28

DRAG DROP

Drag and drop the actions that must be taken after installing an E-Series server from the left into order on the right.

MISSING

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

In theFLDTEC course, underMaintenance and RMA Procedures, Cisco outlines a specific sequence for bringing up anE-Series server modulein an ISR router. The sequenceensures proper recognition, IOS compatibility, and network readiness:

Power up the router and server: Ensures both components are initialized and POST begins.

Verify that the router recognized the server: Use service-module commands or show platform to confirm server visibility.

Load a compatible Cisco IOS image onto the ISR: The IOS must support the E-Series module to provide integration and configuration functionality.

Connect the server to the network: Establish network connectivity for services, remote access, or deployment.

This structured approach is essential for minimizing errors duringmodular hardware upgrades or RMAsin the field.

NEW QUESTION 32

Which management option is best suited for standalone Cisco Secure Firewall deployments?

- A. Cisco Secure Firewall Management Center
- B. Cisco Defense Orchestrator
- C. Cisco Security Manager
- D. Cisco Secure Firewall Device Manager

Answer: D

Explanation:

For standalone Cisco Secure Firewall deployments, theCisco Secure Firewall Device Manager (FDM)is the most appropriate management option. FDM is a browser-based, on-box management tool that allows administrators to configure and manage a single firewall device without the need for external management infrastructure. It provides an intuitive interface for basic configurations, policy management, and monitoring.

In contrast:

➤ Cisco Secure Firewall Management Center (FMC)is designed for centralized management of multiple firewall devices.

➤ Cisco Defense Orchestrator (CDO)is a cloud-based solution for managing security policies across various devices.

➤ Cisco Security Manageris an older platform primarily used for managing ASA devices.

Reference:Supporting Cisco Devices for Field Technicians (FLDTEC) – Cisco Equipment and Related Hardware

NEW QUESTION 35

Which component of the Cisco Room system requires removal of the upper textile grille and the use of release levers during its replacement process?

- A. Loudspeaker
- B. Quad camera
- C. Codec
- D. Antenna module

Answer: B

Explanation:

In Cisco Room systems such as the Room Kit Pro and similar setups, replacing thequad camerainvolves a physical disassembly process. Specifically, theupper textile grille must be removedto gain access to the internal mounting mechanism. After that,release levers are used to disengage the quad camera unitfrom its housing.

This procedure ensures secure installation while allowing relatively straightforward removal when maintenance or replacement is necessary. The codec, loudspeaker, and antenna module do not typically require this specific removal method.

Reference:Supporting Cisco Devices for Field Technicians (FLDTEC) – Maintenance and RMA Procedures

NEW QUESTION 37

What must be verified before installing or replacing DIMMs in a Cisco UCS server?

- A. Compatibility of the DIMM with the current firmware version of the server
- B. Current DIMM configuration and population order
- C. Exact type, speed, and capacity of the DIMM
- D. Maximum supported DIMM capacity for the server model

Answer: B

NEW QUESTION 41

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 42

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