

# Pass Guaranteed Quiz Cisco - 800-150 Pass-Sure Valid Test Topics



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## Cisco 800-150 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>Cisco Software: This section of the exam measures the skills of a Network Engineer and discusses Cisco's software systems and licensing. It explains the difference between IOS install and bundle modes and gives an overview of different licensing models. Students learn how to manage Cisco software images, including backing up, transferring, and installing images via FTP, TFTP, or USB. It also covers how to handle configuration files to keep devices running properly and ensure smooth upgrades or replacements.</li></ul>

Topic 2	<ul style="list-style-type: none"> <li>Common Service Tasks and Tools: This section of the exam measures the skills of a Technical Support Engineer and focuses on tasks commonly needed to manage Cisco devices. It explains how devices boot up, introduces common Cisco IOS commands, and identifies tools for file management. It shows how to confirm physical connections, remotely access devices, and connect to the console port. It also covers how to capture the status of a device, recover passwords, and replace devices by using proper tools. Students are also taught how to find serial numbers on Cisco equipment to assist with support and maintenance activities.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>Networking Foundations: This section of the exam measures the skills of a Network Engineer and covers the basic building blocks of computer networking. It explains different types of networks like local area networks and wireless networks, and introduces lightweight wireless LANs. It describes the layers of communication models like the OSI model and TCP</li> <li>IP stack, and explains how data moves across networks. It also discusses the physical cabling used in networks, such as Ethernet and fiber optics. Students will learn about network switching, IP addressing, subnetting, and routing at Layer 3. The section also introduces Cisco's campus network devices, data center switches, UCS servers, and collaboration devices, describing their roles and functions in the network.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>Cisco Hardware Replacement: This section of the exam measures the skills of a Technical Support Engineer and teaches how to safely and correctly replace Cisco hardware. It explains safety procedures such as creating safe work zones and handling electrostatic discharge. Students learn the step-by-step processes to replace a wide range of Cisco devices, from switches and routers to firewalls, UCS servers, and collaboration endpoints. It also covers configuring Cisco NX-OS software, including understanding operating modes, boot procedures, and password recovery, and introduces Cisco collaboration endpoint solutions like IP phones and video systems.</li> </ul>
Topic 5	<ul style="list-style-type: none"> <li>Cisco UCS and Data Center Architecture: This section of the exam measures the skills of a Data Center Engineer and introduces Cisco's UCS and data center solutions. It explains the devices found in a data center, including switches, UCS servers, and director switches, and describes different server deployment models. Students will also learn about virtualization components like virtual machines, hypervisors, cloud computing concepts, and deployment models. The section covers how Cisco UCS devices fit into campus networks, edge locations, and data centers, and explains the key components and connections used in UCS architecture.</li> </ul>

#### >> 800-150 Valid Test Topics <<

## 100% Pass 2026 Cisco 800-150: Supporting Cisco Devices for Field Technicians Updated Valid Test Topics

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## Cisco Supporting Cisco Devices for Field Technicians Sample Questions (Q30-Q35):

### NEW QUESTION # 30

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

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

**Answer: B**

Explanation:

For standalone Cisco Secure Firewall deployments, the Cisco 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 Manager is an older platform primarily used for managing ASA devices.

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

**NEW QUESTION # 31**

What is the purpose of a subnet mask?

- A. Aids in route prioritization
- B. Provides encryption for network traffic
- C. Determines the next-hop router
- D. **Distinguishes the network and host segments**

**Answer: D**

Explanation:

A subnet mask is a 32-bit number used in IP networking to divide an IP address into network and host portions. This division is crucial for routing traffic within and between networks. The subnet mask works in tandem with the IP address to identify which part of the address refers to the network and which part refers to the host. This distinction allows for efficient IP address allocation and routing.

For example, in the IP address 192.168.1.10 with a subnet mask of 255.255.255.0, the first three octets (192.168.1) represent the network portion, while the last octet (10) identifies the specific host within that network.

Reference: Supporting Cisco Devices for Field Technicians (FLDTEC) - Cisco IOS Software Basics

**NEW QUESTION # 32**

Which two results are achieved by briefly pressing the restore/reset button on a Cisco Meraki switch? (Choose two.)

- A. **The device reboots.**
- B. **The management interface is cleared.**
- C. Cloud management is disabled.
- D. The downloaded configuration is deleted.
- E. A full factory restore is performed.

**Answer: A,B**

Explanation:

On a Cisco Meraki switch, briefly pressing the restore/reset button (typically less than 5 seconds) triggers:

- \* A reboot of the device (Option A)
- \* Clearing of the local management interface settings (Option D), which may include temporary network information such as DHCP leases or local overrides.

To perform a full factory reset (Option B), the button must be held down for a longer duration, usually more than 10 seconds. Options C and E do not reflect standard reset behavior.

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

**NEW QUESTION # 33**

Which Cisco switch series is designed to handle the combined responsibilities of core and distribution layers in a converged architecture?

- A. Catalyst 6500 E-Series
- B. Meraki MS400 Series

- C. Catalyst 9000 Series
- D. Catalyst 1300 Series

#### Answer: C

Explanation:

The Cisco Catalyst 9000 Series is engineered to address the evolving needs of modern enterprise networks by integrating the functionalities of both the core and distribution layers into a unified, converged architecture.

This series offers advanced capabilities such as high-speed data forwarding, enhanced security features, and support for automation and programmability, making it suitable for scalable and efficient network designs.

The Catalyst 9000 Series includes models like the Catalyst 9500 and 9600, which are optimized for core and distribution roles, providing high throughput and reliability. These switches support advanced features like Software-Defined Access (SD-Access) and are designed to meet the demands of cloud-scale and security-focused environments.

In contrast, the Meraki MS400 Series (Option A) is tailored for cloud-managed aggregation and lacks the comprehensive feature set required for core functionalities. The Catalyst 6500 E-Series (Option B), while historically significant, is considered a legacy platform and may not support the latest advancements in network convergence. The Catalyst 1300 Series (Option C) is designed for small to medium-sized businesses and is not intended for core or distribution layer deployments.

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

#### NEW QUESTION # 34

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

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

#### Answer: A

Explanation:

Online Insertion and Removal (OIR) is a feature supported by Cisco ASR routers that allows for the insertion and removal of hardware components, such as line cards and modules, while the router is operating.

This capability enables maintenance and upgrades without the need to power down the system, thus minimizing network downtime.

Key aspects of OIR include:

- \* Seamless Operation: OIR allows for hardware changes without interrupting the router's operation.
- \* Preservation of Routing Information: The router maintains all routing information and active sessions during the insertion or removal process.
- \* Administrative Shutdown: While not mandatory, it is recommended to administratively shut down the interfaces associated with the component being removed to ensure a graceful transition.

This feature is particularly beneficial in high-availability environments where maintaining continuous network service is critical.

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

#### NEW QUESTION # 35

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