Vendor: Cisco

Exam Code: 800-150

Exam Name: Supporting Cisco Devices for Field Technicians

Version: DEMO

QUESTION 1
Which two settings are standard Cisco console connections when configuring a terminal emulator to connect to the console port of a Cisco switch? (Choose two.)

A. Stop bits: 2
B. Flow control: Hardware
C. Speed (baud rate): 9600
D. Data bits: 8
E. Parity: Even

Answer: CD
Explanation:
When configuring a terminal emulator (such as PuTTY, Tera Term, or HyperTerminal) to connect to the console port of a Cisco switch, the standard settings are as follows:
Speed (baud rate): 9600
This is the default transmission speed for Cisco console ports, ensuring compatibility across various devices.
Data bits: 8
This setting specifies that each character transmitted consists of 8 data bits, which is standard for most serial communications.
Parity: None
No parity bit is used, meaning there is no additional error-checking bit appended to each character.Wikipedia
Stop bits: 1
One stop bit indicates the end of a character transmission.
Flow control: None
No flow control is employed, allowing continuous data transmission without hardware or software-based pausing.

QUESTION 2
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
Explanation:
During password recovery on Cisco devices, the configuration register is modified to instruct the device to bypass the startup configuration stored in NVRAM. This allows administrators to access the device without being prompted for existing passwords. The standard procedure involves changing the configuration register value to 0x2142, which tells the device to ignore the startup configuration during the next boot. Once access is gained, the administrator can reset passwords and then restore the original configuration by resetting the configuration register to its default value, typically 0x2102.

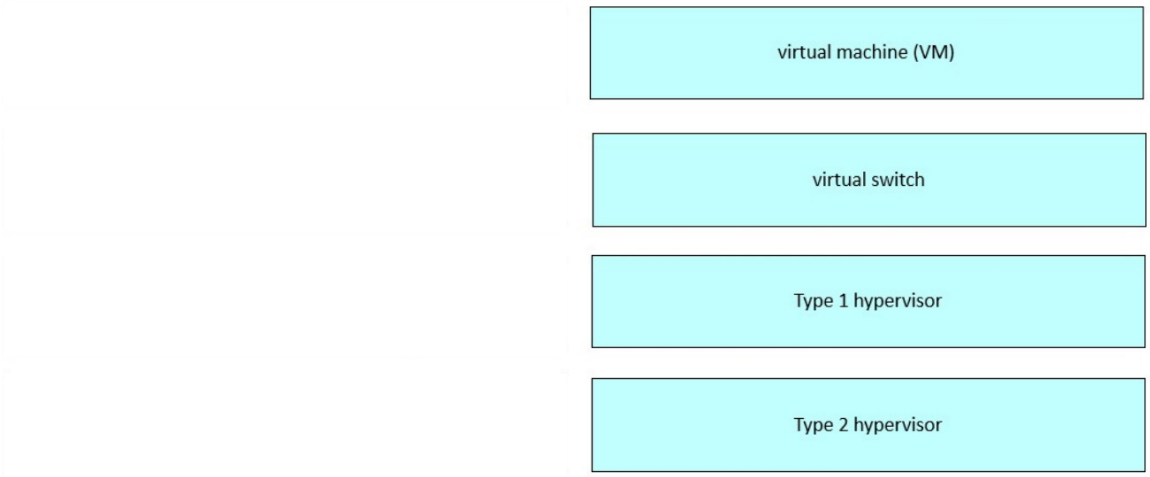
QUESTION 3
Drag and Drop Question

Drag and drop the virtualized data center components from the left onto the corresponding

descriptions on the right.

virtual switch	emulation of a computer system that operates like it has its own physical hardware
Type 1 hypervisor	emulates a Layer 2 switch and provides network connectivity for all VMs or a host machine
virtual machine (VM)	runs directly on the physical server hardware, often used in large-scale deployments
Type 2 hypervisor	runs as a software layer on a host operating system, typically used for development and testing

Answer:



QUESTION 4
Which mode must the console terminal of the device be in before a prewritten configuration is pasted to transfer the configuration from an old device to a new one?

A. Interface configuration mode
B. Global configuration mode
C. Privileged EXEC mode
D. User EXEC mode

Answer: B
Explanation:
To apply a prewritten configuration to a new Cisco device, the console terminal must be in Global Configuration Mode. This mode allows administrators to enter configuration commands that affect the device's overall operation. To access Global Configuration Mode, one must first enter Privileged EXEC Mode by typing enable, and then enter configure terminal. Once in Global Configuration Mode, the prewritten configuration can be pasted, and the device will accept the commands accordingly.

QUESTION 5
Which command is used to copy the startup configuration of a device to a USB file system when transferring files to a Cisco device?

A. Router# copy startup-config tftp://
[server_ip]/
[destination_file]
B. Router# copy usbflash0:
[filename] startup-config
C. Router# copy startup-config usbflash0:
[filename]
D. Router# copy running-config usbflash0:
[filename]

Answer: C
Explanation:
To back up the startup configuration of a Cisco device to a USB drive, the command copy startup- config usbflash0:
[filename] is used. This command copies the contents of the startup configuration file stored in NVRAM to a specified file on the USB flash drive. This is particularly useful for creating backups before performing upgrades or replacements.

QUESTION 6
Which two actions are typically performed in ROMMON mode during the password recovery process? (Choose two.)

A. Change the configuration register.
B. Load the startup configuration.
C. Save the configuration.
D. Modify passwords.
E. Reboot the device.

Answer: AE
Explanation:
During the password recovery process on Cisco devices, ROMMON (ROM Monitor) mode is utilized to perform specific actions that facilitate the recovery. Two critical actions typically performed in ROMMON mode are:
Change the Configuration Register: The configuration register is modified to instruct the device to ignore the startup configuration during the next boot. This is commonly achieved by setting the configuration register to 0x2142. This action prevents the device from loading the saved configuration, allowing access without requiring the existing passwords.
Reboot the Device: After changing the configuration register, the device is rebooted to apply the new settings. This reboot enables the device to bypass the startup configuration, facilitating the password recovery process.
These steps are essential in the password recovery procedure, allowing administrators to regain access to the device without erasing the existing configuration.

QUESTION 7
Which action must be taken when editing a captured configuration of an old device for reuse in a replacement device?

A. Remove all configurations under line vty 0 4.
B. Retain all username entries.
C. Keep all access-list commands intact.
D. Add the enable password cisco command.

Answer: B
Explanation:
Within the FLDTEC training, especially under Maintenance and RMA Procedures, there is a strong emphasis on safely transferring and adapting configurations from failed or decommissioned devices to replacement units.
When reusing a configuration from an old device, make sure to retain the necessary security elements such as username entries. This ensures the replacement device is still accessible under the correct user credentials.

QUESTION 8
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 ip interface brief

Answer: B
Explanation:
The show interface status command offers a succinct overview of switch port characteristics, including:

```
Port ID
VLAN assignment
Duplex mode
Speed
Media type
```

This command is particularly useful for quickly assessing the operational status and configuration of switch ports, aiding in troubleshooting and verification tasks.

QUESTION 9
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
Explanation:
Right-To-Use (RTU) licenses are locally managed licenses that allow users to activate specific features on Cisco devices without the need for external tools or connectivity to Cisco's licensing infrastructure. These licenses operate on an honor-based system, where the user agrees to comply with the licensing terms without mandatory enforcement mechanisms.

QUESTION 10
Which common CLI command is used to install Cisco NX-OS Software?

A. copy tftp: running-config
B. install all
C. install kickstart
D. boot system

Answer: B
Explanation:
The install all command is the standard method used to install or upgrade Cisco NX-OS software on Nexus switches. This command streamlines the installation process by automating tasks such as verifying the software image, checking for compatibility, and managing the installation of optional packages or SMUs (Software Maintenance Upgrades). It ensures a comprehensive and efficient upgrade process, minimizing the potential for errors.Cisco In contrast:

QUESTION 11
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, 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.

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
Explanation:
Bundle mode simplifies the installation and operation of Cisco IOS XE Software by using a monolithic image file. In this mode, the switch runs directly from the bundled image, eliminating the need to manage individual software packages. This approach is straightforward and reduces complexity, making it suitable for environments where simplicity is a priority.
Bundle mode may result in slower boot times compared to Install mode. It does not support the independent installation or upgrade of individual packages. The packages.conf file is not utilized in Bundle mode; it's specific to Install mode.

QUESTION 13
What is the purpose of the packages.conf file in Install mode on Cisco IOS XE Software supported switches?

A. It is used to extract the bin file during the installation process.
B. It determines which software packages need to be loaded and in what order during boot up.
C. It contains the entire bundled software image in a single file.
D. It is a subdirectory in flash memory where individual software packages are stored.

Answer: B
Explanation:
In Install mode, the packages.conf file plays a crucial role in the boot process of Cisco IOS XE Software. It specifies the list of software packages to be loaded and the sequence in which they should be initialized during system startup. This file ensures that all necessary components are correctly loaded, providing a modular and flexible approach to software management.

QUESTION 14
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
Explanation:
In a Class B network, the default subnet mask is 255.255.0.0, which allocates:

```
16 bits for the network portion
16 bits for the host portion
```

When the subnet mask is changed to 255.255.255.0, it becomes:

```
24 bits for the network portion
8 bits for the host portion
```

This indicates that 8 bits have been borrowed from the host portion to create additional subnets. Borrowing bits allows for the division of the original network into smaller sub-networks, enhancing organization and security within the network.

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