

New Guide 200-301 Files & 200-301 Guaranteed Questions Answers

8 CCNA 200-301 Official Cert Guide, Volume 2

Key
Topic

Example F-4 Verifying Flash Memory Contents with the *show flash* Command

```
msa verify /md5 flash0:c2900-universalk9-mz.SPA.154-3.M0.bin -a79e3256c492b70823d4d  
b0a7ba5041  
  
... MD5 of flash0:c2900-universalk9-mz.SPA.154-3.M0.bin Done!  
Verified flash0:c2900-universalk9-mz.SPA.154-3.M0.bin - a79e3256c492b70823d4d  
b0a7ba5041
```

Copying Images with FTP

The networking world has many options for file transfer, several of which IOS supports for the transfer of files into and out of the IOS file systems that reside on the router. TFTP and FTP have been supported for the longest time, with more recent support added for protocols like SCP. Table F-1 lists some of the names of file transfer protocols that you might come across when working with routers.

Table E-1 Common Methods to Copy Files Outside a Router

Common Methods to Copy Files Outside a Router			
Method	Method (Full Name)	Router's Role	Encrypted?
TFTP	Trivial File Transfer Protocol	Client	No
FTP	File Transfer Protocol	Client	No
SCP	Secure Copy Protocol	Server	Yes

To copy files with FTP, you follow the same kind of process you use with TFTP (see Example F-5). You can follow the interactive prompts after using an EXEC command like `copy ftp flash`. However, the `copy` command allows you to use a URI for the source and/or destination, which lets you put most or all of the information in the command line itself. Each URI refers to the formal name of a file in the IFS.

Example E-5 Installing a New IOS with FTP

First, take a close look at the long URI in the command that begins with "ftp". The "ftp" part identifies the protocol, of course. After the //, the text references the username (wendell) and password (odom), as well as the FTP server's IP address. After the single / comes the filename on the server.

Although the command is long, it has only two parameters, with the long first parameter and the short keyword `flash` as the second parameter. The `copy` command lists the source

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Cisco Certified Network Associate Exam Sample Questions (Q236-Q241):

NEW QUESTION # 236

Drag and Drop Question

Drag and drop the statements about access-point modes from the left onto the corresponding modes on the right.

Answer:

Explanation:

NEW QUESTION # 237

Refer to the exhibit.

What is the effect of this configuration?

- A. Dynamic ARP inspection is disabled because the ARP ACL is missing
- **B. The switch port interface trust state becomes untrusted**
- C. The switch port remains down until it is configured to trust or untrust incoming packets
- D. The switch port remains administratively down until the interface is connected to another switch

Answer: B

Explanation:
Explanation

Dynamic ARP inspection (DAI) is a security feature that validates ARP packets in a network. It intercepts, logs, and discards ARP packets with invalid IP-to-MAC address bindings. This capability protects the network from certain man-in-the-middle attacks.

After enabling DAI, all ports become untrusted ports.

NEW QUESTION # 238

Refer to the exhibit. Which command provides this output?

- A. show ip interface
- B. show interface
- **C. show cdp neighbor**
- D. show ip route

Answer: C

NEW QUESTION # 239

What are two descriptions of three-tier network topologies? (Choose two)

- A. The access layer manages routing between devices in different domains
- **B. The network core is designed to maintain continuous connectivity when devices fail.**
- C. The core and distribution layers perform the same functions
- D. The core layer maintains wired connections for each host
- **E. The distribution layer runs Layer 2 and Layer 3 technologies**

Answer: B,E

NEW QUESTION # 240

DRAG DROP

Drag and drop the descriptions of IP protocol transmissions from the left onto the IP traffic types on the right.

Select and Place:

Answer:

Explanation:

Section: Network Fundamentals

NEW QUESTION # 241

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