

T1.5.4 Quiz Remote Networking Tools

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Monday December 25, 2023

Seat 99 (Grade level 13)

Cyber Capstone

0. Which tool is a command-line packet analyzer used for capturing and displaying network traffic in real-time?

- A. Wireshark
- B. netstat
- C. traceroute
- D. tcpdump

Answer:

1. What is the primary purpose of Secure Shell (SSH) when connecting to a remote server?

- A. To view data being sent and received
- B. To provide an unencrypted means for communication
- C. To encrypt communication for secure data transfer
- D. To resolve issues with network sniffers

Answer:

2. Which command-line tool allows you to retrieve files from remote servers using FTP, FTPS, HTTP, or HTTPS protocols?

- A. cURL
- B. Netcat
- C. rsync
- D. wget

Answer:

3. What is a key feature of cURL that makes it preferred for automation?

- A. Supports only HTTP protocol
- B. Requires user interaction for every transfer
- C. Can transfer multiple files at once
- D. Uses self-signed certificates for security

Answer:

4. Which utility tool uses TCP or UDP connections for reading and writing in a network and can be used for both attacking and security?

- A. rsync
- B. scp
- C. Netcat
- D. cURL

Answer:

5. What does rsync use to efficiently sync files and directories between two hosts or machines?

- A. Delta-transfer algorithm
- B. FTP protocol
- C. Secure Copy Protocol
- D. HTTPS protocol

Answer:

6. Which command is used in Linux systems to copy files between servers securely and uses the same authentication and security as SSH?

- A. SFTP
- B. rsync
- C. Netcat
- D. scp

Answer:

7. What is SFTP known for among its features?

- A. Using plaintext for data transmission
- B. Lack of authentication methods
- C. Compressing data for transmission
- D. Operating on port 21

Answer:

8. Which of the following adds security to FTP?

- A. FTPS
- B. SFTP
- C. STP
- D. FTSP

Answer: