

netstat Cheatsheet

Unique Features

- A command-line tool to display network connection information in Linux, Unix-like and Windows operating systems
- Displays active network connections, listening ports, routing tables, and network interface statistics
- Can also identify the process that initiated each connection
- Useful for troubleshooting network connectivity issues and network security auditing

Basic Usage

- Display all active network connections: `netstat`
- Display listening ports: `netstat -l`
- Display statistics for all network interfaces: `netstat -i`
- Display routing table: `netstat -r`

Advanced Usage

- Display active network connections for a specific protocol: `netstat -[tcp|udp]`
- Display network statistics in continuous mode: `netstat -c`
- Display process information for each connection: `netstat -p`
- Display all listening ports including those owned by processes without root access: `sudo netstat -lnptu`
- Display the status of sockets: `netstat -s`
- Display the list of network interfaces and their IP addresses: `netstat -ie`
- Display active network connections for a specific process: `netstat -p | grep [process_name]`

Resources

- `netstat --help` or `man netstat` in your terminal
- [Linux Man Page for netstat](#)
- [Microsoft Documentation on netstat](#) for Windows-based systems.