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**1. Ipconfig**

The ipconfig command is used to display the network configuraon

informaon on a Windows system

**2.Hostname**

This command displays details such as IP addresses, MAC

addresses,

network masks, and other informaon associated with the acve

network interfaces on your machine.

**3.NetStat**

netstat is a command-line network ulity tool that provides

informaon about network connecons, roung tables, interface

stascs, masquerade connecons, and other network-related

details on a computer.**4.Ping**

ping is a network ulity tool used to test the reachability of a host

(typically a computer or server) on an Internet Protocol (IP)

network.

The ping command sends a series of small data packets to the

target

host and measures the me it takes for the packets to travel back to

the sender.**5.Tracert**

tracert (traceroute on Unix/Linux) is a network diagnosc tool used

to trace the route that packets take from your computer to a

desnaon host or IP address. It provides valuable insights into the

network path and helps idenfy potenal issues such as network

congeson or roung problems

**6.Nslookup**

nslookup is a command-line tool used for querying the Domain

Name

System (DNS) to obtain informaon about domain names, IP

addresses, and related DNS records.

**7.Arp -a**

he arp -a command is used to display the current content of the

ARP

(Address Resoluon Protocol) cache or table on a computer. ARP is

a protocol used to map IP addresses to MAC (Media Access

Control)

addresses on a local network.**8.Systeminfo**

The systeminfo command is a system informaon ulity available on

Microso Windows operang systems. When you run the systeminfo

command in the Command Prompt, it provides detailed informaon

about the computer's hardware and soware configuraon

**9.Curl**

The curl command is a versale tool used for making HTTP

requests and transferring data between a client and a server. It is commonly

available on Unix-like systems (Linux, macOS) and can also be

used on

Windows

**10.Netsh**

netsh is a command-line ulity that is available on Windows

operang systems. It stands for "Network Shell" and is used to

configure and monitor various aspects of network sengs. netsh can

be used for a wide range of networking tasks, including

configuring

network interfaces, firewall sengs, roung tables, and more.