Network Commands:

1.Ping

The ping command is a networking utility used to test the reachability of a host on an Internet Protocol (IP) network. It can be used to determine whether a specific IP address is accessible and also measures the round-trip time for messages sent from the local host to a remote host.

2.NetStat

NetStat is a networking utility that can be used to display all active network connections and their status. It can be used to identify which applications are using which ports and can be helpful in troubleshooting networking issues.

3. NbtStat

NbtStat is a networking utility in Windows that helps users troubleshoot NetBIOS over TCP/IP problems. It can be used to display a variety of information about the current state of the NetBIOS over TCP/IP protocol on both local and remote computers.

4. Ip Config

IP Config is a command-line tool that is used to display the current IP address configuration of a Windows machine. This includes the IP address, subnet mask, and default gateway.

5. Hostname

If you know which switch to use with the command, NbtStat can provide you with the hostname that has been assigned to a Windows device, as discussed earlier in this piece.

6. ARP

The Address Resolution Protocol, or ARP, is a networking utility used for mapping network addresses to physical addresses.

7. Nslookup

Nslookup is a command-line networking tool used for querying Domain Name System (DNS) to obtain domain name or IP address mapping, or other DNS records.

8. Tracert

The tracert command is a Command Prompt command that displays the network packets being sent and received, as well as the number of hops required for them to reach their destination.

9. GetMac

The MAC address is a unique identifier for every network-capable device on the internet. The number is assigned during the manufacturing process and is stored in the device's hardware.

10. Route:

The Route networking command is one of the most essential networking commands for Windows administrators.

11. NetDiag

NetDiag is a networking diagnostic tool that is included with the Windows operating system.