

# Windows Basic Command Prompt (Networking)

## Cheat sheet

Command	Description	Example
<b>ping</b>	ping is the primary TCP/IP command used to troubleshoot connectivity	ping 192.168.1.1
<b>tracert</b>	determines the path taken to a destination by sending Internet Control Message Protocol (ICMP) echo Request to the destination	tracert 192.168.1.1
<b>ipconfig</b>	displays all current TCP/IP network configuration	ipconfig
<b>gpupdate</b>	specifies that only User or only Computer policy settings are updated. By default, both User and Computer policy settings are updated.	gpupdate
<b>nslookup</b>	displays information that you can use to diagnose Domain Name System (DNS) infrastructure	nslookup
<b>netstat</b>	used without parameters, netstat displays active TCP connections	netstat
<b>ssh</b>	used by administrators of Linux and other non-Windows for cross-platform management of remote systems	ssh <a href="mailto:root@192.168.1.1">root@192.168.1.1</a>
<b>getmac</b>	returns the media access control (MAC) address and list of network protocols associated with each address	getmac
<b>arp</b>	displays and modifies entries in the Address Resolution Protocol (ARP) cache	arp /a
<b>systeminfo</b>	displays detailed configuration information about a computer	systeminfo