Windows Network Shell Command CheatSheet

Command	Description
`netsh interface ip show config`	Show IP configuration for all interfaces
`netsh interface ipv4 show addresses`	Show IPv4 addresses for all interfaces
`netsh interface ipv6 show addresses`	Show IPv6 addresses for all interfaces
`netsh interface tcp show global`	Show global TCP parameters
`netsh interface tcp show heuristics`	Show TCP heuristic parameters
`netsh interface tcp show security`	Show TCP security parameters
`netsh interface tcp show supplemental`	Show TCP supplemental parameters
`netsh interface tcp set global autotuninglevel`	Set TCP global autotuning level
`netsh interface tcp set global chimney`	Enable or disable TCP chimney offload
`netsh interface tcp set global congestionprovider`	Set the TCP congestion control algorithm
`netsh interface tcp set global ecncapability`	Enable or disable Explicit Congestion Notification (ECN)
`netsh interface tcp set global timestamps`	Enable or disable TCP timestamps
`netsh interface tcp set supplemental customapp`	Configure custom TCP parameters for a specific application
`netsh interface tcp add heuristics`	Add a TCP heuristic rule
`netsh interface tcp delete heuristics`	Delete a TCP heuristic rule
`netsh advfirewall show allprofiles`	Show all firewall profiles and their settings
`netsh advfirewall set allprofiles firewallpolicy`	Set the firewall policy for all profiles
`netsh advfirewall set allprofiles state`	Enable or disable the firewall for all profiles
`netsh advfirewall set allprofiles logging`	Configure logging for all profiles

Command	Description
`netsh advfirewall firewall add rule`	Add a firewall rule
`netsh advfirewall firewall delete rule`	Delete a firewall rule
`netsh wlan show profiles`	Show all wireless network profiles
`netsh wlan show drivers`	Show wireless network driver information
`netsh wlan show interfaces`	Show wireless network interface information
`netsh wlan set hostednetwork mode`	Enable or disable the hosted network
`netsh wlan set hostednetwork ssid`	Set the SSID for the hosted network
`netsh wlan set hostednetwork key`	Set the encryption key for the hosted network
`netsh wlan start hostednetwork`	Start the hosted network
`netsh wlan stop hostednetwork`	Stop the hosted network

Other useful commands	Command Description
`netsh bridge show adapter`	Show all network adapters in the bridge
`netsh bridge set adapter priority`	Set the priority for a network adapter in the bridge
`netsh dnsclient show state`	Show DNS client settings
`netsh dnsclient set dnsservers`	Set the DNS servers for the DNS client
`netsh dhcp show server`	Show DHCP server settings
`netsh dhcp server \\ServerName show clients`	Show DHCP clients connected to a specific server
`netsh http show sslcert`	Show SSL certificate bindings
`netsh http add sslcert`	Add an SSL certificate binding
`netsh http delete sslcert`	Delete an SSL certificate binding
`netsh http show urlacl`	Show URL reservations
`netsh http add urlacl`	Add a URL reservation
`netsh http delete urlacl`	Delete a URL reservation
`netsh interface ipv6 show route`	Show IPv6 routing table
`netsh interface ipv6 add route`	Add an IPv6 route
`netsh interface ipv6 delete route`	Delete an IPv6 route
`netsh lan show interfaces`	Show LAN interface information
`netsh wlan show drivers`	Show wireless network driver information
`netsh wlan show networks mode=bssid`	Show available wireless networks with their BSSID (Basic Service Set Identifier)
`netsh trace start scenario`	Start network tracing for a specific scenario
`netsh trace stop`	Stop network tracing
`netsh trace show scenarios`	Show available network tracing scenarios

Other useful commands	Command Description
`netsh trace show providers`	Show available network tracing providers
`netsh trace show captures`	Show available network trace captures
`netsh trace delete capture`	Delete a network trace capture