

# NETSETMAN

Quick network switching for your PC

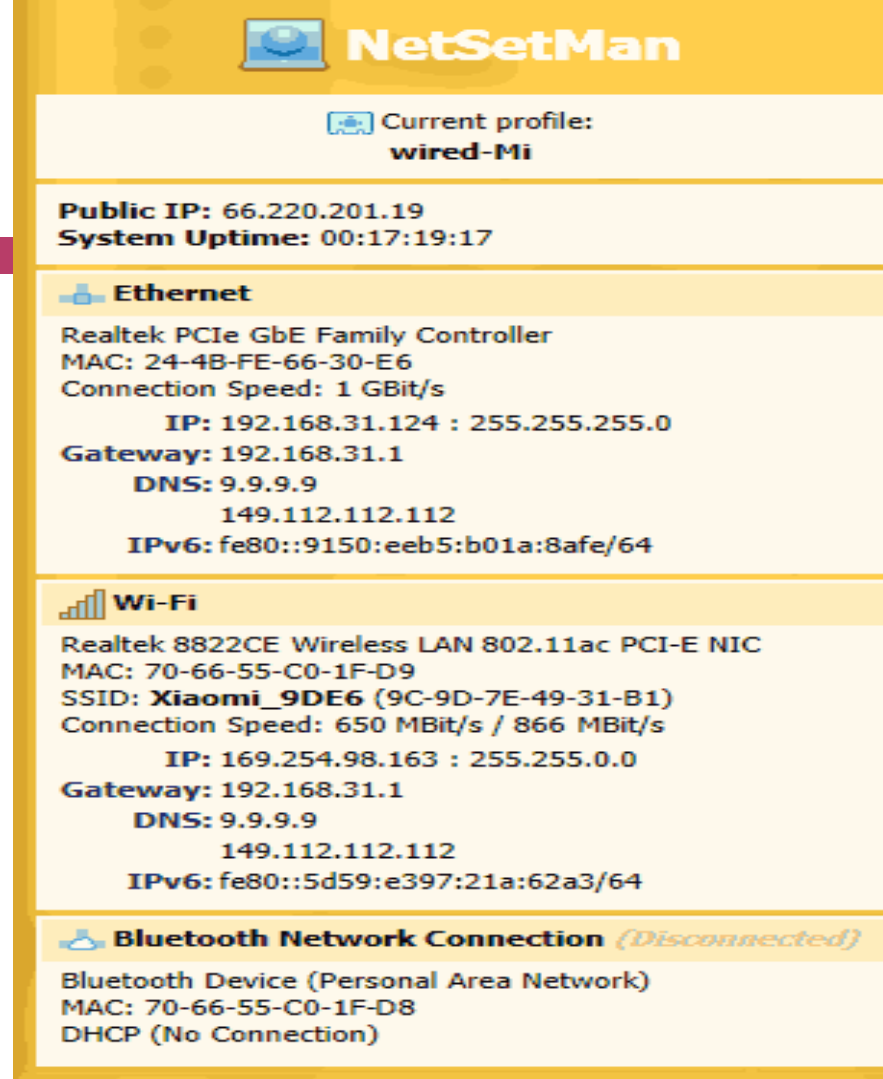
# NetSetMan

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- Freeware with premium upgrade
- Shows/changes networking settings
- Switch between networks quickly/completely
- <https://www.netsetman.com/>

# Show settings

Show network  
settings via taskbar  
icon



The screenshot shows the NetSetMan application window. At the top, there is a yellow header with the NetSetMan logo and name. Below the header, the current profile is identified as 'wired-Mi'. The main content area is divided into several sections: 'Public IP' and 'System Uptime' are shown at the top. Below that is the 'Ethernet' section, which displays details for the Realtek PCIe GbE Family Controller, including MAC address, connection speed, IP address, gateway, DNS servers, and IPv6 address. The 'Wi-Fi' section follows, showing details for the Realtek 8822CE Wireless LAN 802.11ac PCI-E NIC, including MAC address, SSID, connection speed, IP address, gateway, DNS servers, and IPv6 address. Finally, the 'Bluetooth Network Connection' section is shown as 'Disconnected', displaying the device name, MAC address, and DHCP status.

**NetSetMan**

Current profile:  
**wired-Mi**

**Public IP:** 66.220.201.19  
**System Uptime:** 00:17:19:17

**Ethernet**

Realtek PCIe GbE Family Controller  
MAC: 24-4B-FE-66-30-E6  
Connection Speed: 1 GBit/s  
**IP:** 192.168.31.124 : 255.255.255.0  
**Gateway:** 192.168.31.1  
**DNS:** 9.9.9.9  
149.112.112.112  
**IPv6:** fe80::9150:eeb5:b01a:8afe/64

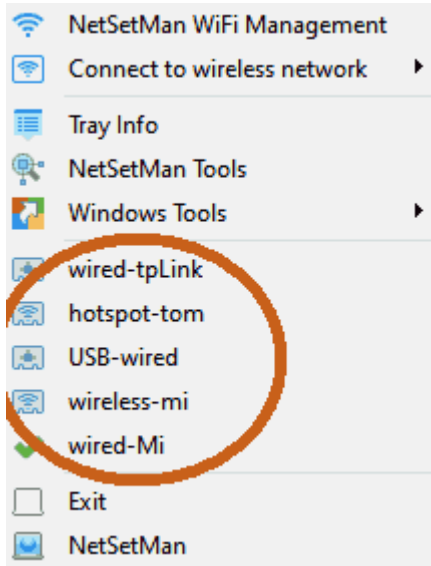
**Wi-Fi**

Realtek 8822CE Wireless LAN 802.11ac PCI-E NIC  
MAC: 70-66-55-C0-1F-D9  
SSID: **Xiaomi\_9DE6** (9C-9D-7E-49-31-B1)  
Connection Speed: 650 MBit/s / 866 MBit/s  
**IP:** 169.254.98.163 : 255.255.0.0  
**Gateway:** 192.168.31.1  
**DNS:** 9.9.9.9  
149.112.112.112  
**IPv6:** fe80::5d59:e397:21a:62a3/64

**Bluetooth Network Connection** (*Disconnected*)

Bluetooth Device (Personal Area Network)  
MAC: 70-66-55-C0-1F-D8  
DHCP (No Connection)

# Quick access via taskbar icon



Circled are the profiles  
you create

# Profiles

Set  
parameters  
for each  
network you  
regularly  
use

The screenshot displays the NetSetMan application window. The title bar reads "NetSetMan" and the menu bar includes "Program", "Windows Tools", "Options", and "Help". The version number "5.1.1" is in the top right corner. A blue header bar contains the "NetSetMan" logo and an "Activate: wireless-mi" button. The left sidebar features a "Profiles" tree view with items: "wired-tpLink", "hotspot-tom", "USB-wired", "wireless-mi" (highlighted), and "wired-Mi". The main area shows the configuration for the selected "wireless-mi" profile, which is associated with the "Wi-Fi (Realtek 8822CE Wireless LAN 802.11ac PCI-E NIC)" adapter. The configuration is divided into several sections: "IP & Gateway" (with radio buttons for "Obtain an IP address automatically" and "Use the following IP address", and input fields for IP Address: 192.168.31.124, Subnet Mask: 255.255.255.0, and Default Gateway: 192.168.31.1); "DNS Server" (with radio buttons for "Obtain a DNS address automatically" and "Use the following DNS server addresses", and input fields for Preferred: 9.9.9.9 and Alternate: 149.112.112.112); "Advanced TCP/IP Settings" (with checkboxes for WINS, Route Table, and IPv6 1xIP 0xGW 0xDNS); and "Additional" settings (with a checked "Adapter Status" set to "Enable" and various other options like "WiFi", "Driver", "Printer", "Workgroup", "System", "Net Drive", "Connection", "SMTP", "Hosts", and "Script/Program" set to "Disconnect" or "WORKGROUP"). At the bottom of the configuration area, there is a checkbox for "Activate this profile automatically". The status bar at the very bottom of the window reads "Non-Commercial Freeware".

# Advanced TCP/IP settings

Advanced TCP/IP Settings (Profile: "Home", Adapter: "Ethernet")

IP  
 Obtain an IP address automatically  
 Use the following IP address

#	IP Address	Subnet Mask
1	192.168.0.100	255.255.255.0
2	10.20.0.100	255.0.0.0

Gateway

#	Gateway	Metric
1	192.168.0.1	

DNS Server  
 Automatic Configuration  
 Manual Configuration

#	DNS
1	192.168.0.1

WINS Server

#	WINS
---	------

IPv6 - IP  
 Automatic Configuration  
 Manual Configuration

IPv6 - Gateway  
 Automatic Configuration  
 Manual Configuration

IPv6 - DNS Server  
 Automatic Configuration  
 Manual Configuration

**Expert Settings** [?]

IpConfig [ ]

NetBIOS Default [v]

Interface Metric 0 [v]

Route Table [?]

#	±	Destination	Subnet Mask	Gateway	Metric	IF	P
---	---	-------------	-------------	---------	--------	----	---

DNS Suffix [?]  
 Append primary and connection specific DNS suffixes  
 Append parent suffixes of the primary DNS suffix  
 Append these DNS suffixes (in order):



DNS suffix for this connection: [ ]

Register this connection's addresses in DNS  
 Use this connection's DNS suffix in DNS registration

OK Cancel

# System settings

System Settings

**Display**

- Display Mode: 1920 x 1080 | 32 Bit | 60 Hz
- External Display: Internal
- Wallpaper: [Folder icon]
- Desktop Color: Sky Blue | #A6CAF0
- Screensaver: (None) | 1  
 On resume, password protect
- Design Scheme

**Sound**

- Speakers: [Volume slider]
- Microphone: [Volume slider]
- Sound Scheme

**Windows Firewall**

- Firewall: Disable
- Exceptions: Disable
- Notifications: Disable

**Miscellaneous**

- Computer Name
- Windows Update: Disable
- Power Plan
- Time Zone  
 Automatic daylight saving time adjustment

OK Cancel

# Autoswitch

Switches  
profiles  
when  
stored  
network  
detected

NetSetMan 5.1.1

Program Windows Tools Options Help

NetSetMan AutoSwitch

? AutoSwitch allows you to automatically switch profiles and settings based on preconfigured conditions. [Read the basics...](#)

Enable AutoSwitch

AutoSwitch - Profiles

Current Status	Profiles with Conditions
Xiaomi_9DE6_5G	
Xiaomi_9DE6	
Ethernet: Connected	
Wi-Fi: Connected	
2022-06-29 4:38:20 PM	
tom	

[Refresh](#)

Show notification and activation dialog (Default)

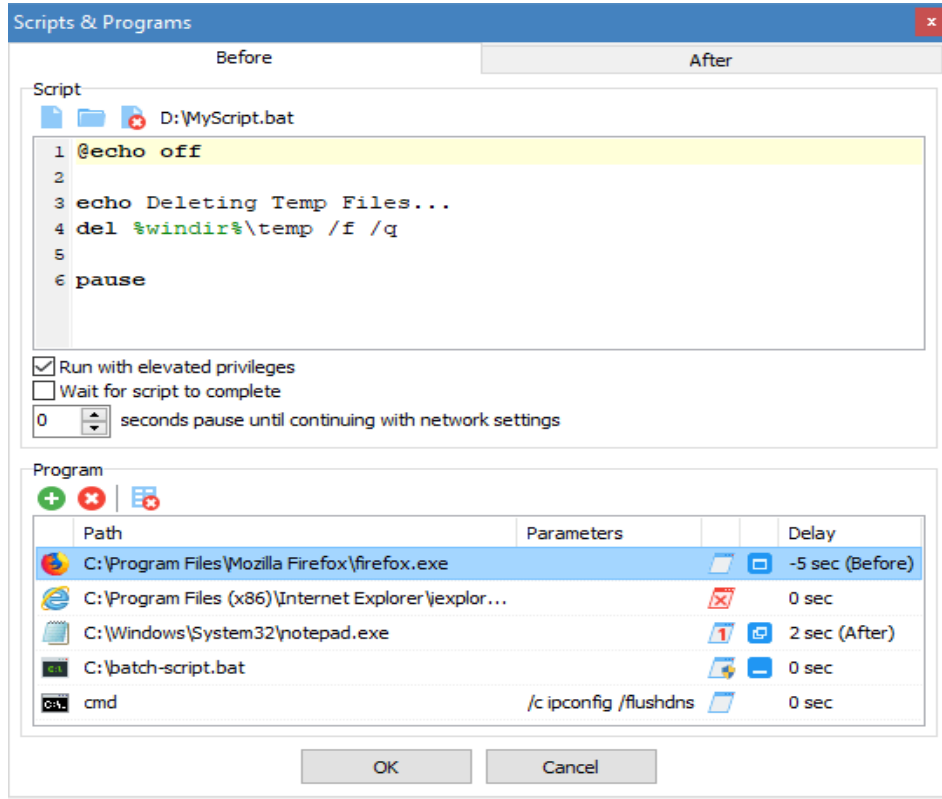
At program startup, check conditions regardless of last profile activation

Write log (C:\Program Files (x86)\NetSetMan\Logs\nsmlog\_autoswitch\_20220629.txt)

Non-Commercial Freeware



# Autoruns on profile activation



# Autoswitch conditions – mix & match

The following conditions can be configured for each profile separately:



## Surrounding WiFi Networks

- Wireless network (SSID or MAC) in/out of range
- Signal strength of a wireless network lower/higher than a certain value
- Connected/disconnected from a specific wireless network



## Network Locations

- Windows NLM: Automatically generated network profiles by Windows (Vista and later)
- Gateway MAC: Fingerprint of the automatically assigned DHCP gateway
- Ping: Availability of a certain server or system in the network



## Adapter Status

- Connection status of a local network adapter (connected/disconnected)



## Time Frame

- Certain days of the week and time frame (e.g. Sa+Su, 8:00 - 18:00)



## User Account

- Currently logged on Windows user

Although there is no technical limitation for the amount of conditions per profile, try to keep it as simple as possible. In most cases, it is absolutely sufficient to include one or two conditions to achieve the desired result.

You can specify, that either all or at least one of the conditions must be met to activate that profile.

Profiles that are further up have a higher priority in case conditions for multiple profiles are met at the same time.

# Wifi

Show  
nearby  
access  
points

The screenshot shows the NetSetMan WiFi Management interface. The window title is "NetSetMan" and the version is "5.1.1". The interface includes a menu bar with "Program", "Windows Tools", "Options", and "Help". The main area displays "WiFi Management" and "Wi-Fi (Realtek 8822CE Wireless LAN 802.11ac PCI-E NIC) Connected: Xiaomi\_9DE6 (9C-9D-7E-49-31-B1)". Below this, there is a "WiFi Networks (9)" section with a "Scan" button and a list of networks. The list has columns for Signal, SSID, MAC, Encryption, Channel, GHz, Mbps, and Protocol. The "Xiaomi\_9DE6" network is highlighted in green. At the bottom, there is an "Options" section with three checkboxes: "Disable WiFi when LAN connected, otherwise enable it", "Automatically switch to the WiFi access point with the strongest signal of the current SSID", and "Write log (C:\Program Files (x86)\NetSetMan\Logs\nsmlog\_wifi\_20220629.txt)".

Signal	SSID	MAC	Encryption	Channel	GHz	Mbps	Protocol
99 %	<b>Xiaomi_9DE6</b>	9C-9D-7E-49-31-B1	WPA+WPA2 - ...	149	5.745	866	n/ac/ax WPS
85 %	BELL727	34-5D-9E-DF-D8-3B	WPA2 - AES	44	5.220	1560	n/ac/ax WPS
45 %	BELL727	36-5D-9E-DF-D8-39	WPA2 - AES	132	5.660	1560	n/ac/ax WPS
45 %		34-5D-9E-DF-D8-38	WPA2 - AES	132	5.660	1560	n/ac/ax WPS
15 %		A2-50-CA-18-93-90	WPA2 - AES	36	5.180	1733	n/ac
11 %	prb	40-C7-29-F6-BA-BF	WPA2 - AES	44	5.220	292	n/ac WPS
10 %		40-C7-29-F6-BA-BD	WPA2 - AES	149	5.745	1733	g/n/ac WPS
10 %	VIRGIN547	98-42-65-FD-C3-7D	WPA2 - AES	149	5.745	1733	g/n/ac WPS

Options

- Disable WiFi when LAN connected, otherwise enable it
- Automatically switch to the WiFi access point with the strongest signal of the current SSID
- Write log (C:\Program Files (x86)\NetSetMan\Logs\nsmlog\_wifi\_20220629.txt)

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# Customize wifi network display

The screenshot shows the NetSetMan WiFi Management interface. The main window displays a list of WiFi networks with columns for Signal strength, SSID, MAC address, and Encryption. The 'Xiaomi\_9DE6' network is selected and highlighted in green. A 'Network Descriptions' dialog box is open, providing instructions on how to add descriptions to networks using MAC addresses and a text input field containing the MAC address '9C-9D-7E-49-31-B1'.

NetSetMan WiFi Management 5.1.1

Program Windows Tools Options Help

NetSetMan WiFi Management

Wi-Fi (Realtek 8822CE Wireless LAN 802.11ac PCI-E NIC)  
Connected: Xiaomi\_9DE6 (9C-9D-7E-49-31-B1)

WiFi Networks (9)

Scan Connect Disconnect Profiles

Signal	SSID	MAC	Encryption
99 %	Xiaomi_9DE6	9C-9D-7E-49-31-B1	WPA +V
99 %	BELL727	34-5D-9E-DF-D8-3B	WPA2 -
50 %	BELL727	36-5D-9E-DF-D8-39	WPA2 -
50 %		34-5D-9E-DF-D8-38	WPA2 -
30 %		A2-50-CA-18-93-90	WPA2 -
10 %	VIRGIN547	98-42-65-FD-C3-7D	WPA2 -
9 %	prb	40-C7-29-F6-BA-BF	WPA2 -
8 %	prb	46-C7-29-F6-BA-BD	WPA2 -
6 %		40-C7-29-F6-BA-BD	WPA2 -

Network Descriptions

To better distinguish wireless networks, you can add additional descriptions like names or comments. If the text is a HEX color code, it will be used as a background color. Networks are identified by their unique MAC addresses.

**Syntax:**  
AA-BB-CC-DD-EE-01 Name ABC  
AA:BB:CC:DD:EE:02 Description XYZ  
AABBCCDDEE03 #C01012

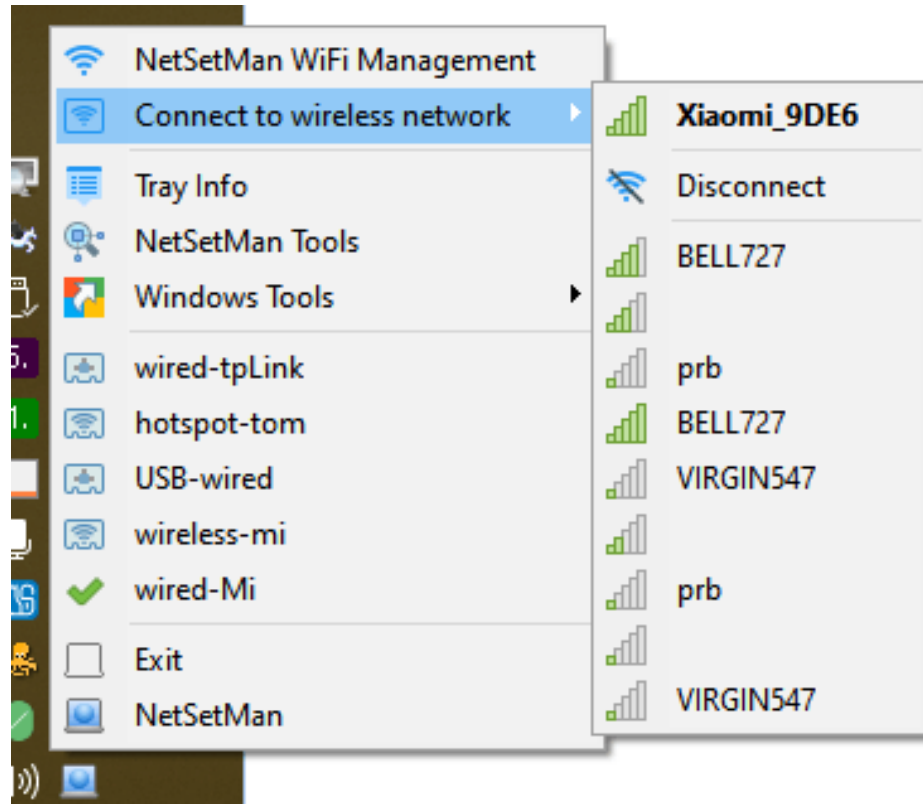
**Network Descriptions:**

9C-9D-7E-49-31-B1

OK Cancel

Non-Commercial Freeware

# Tray wifi switching



# Network tools

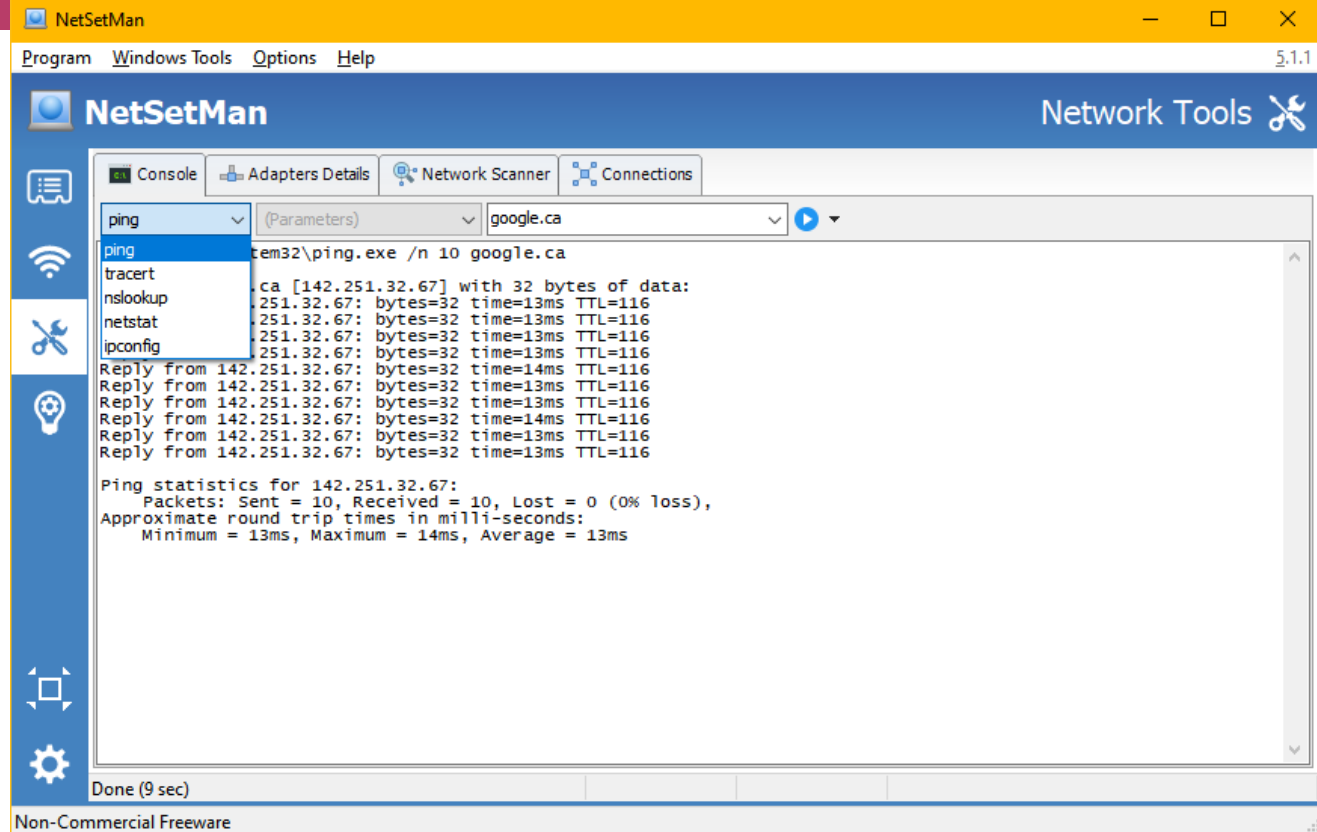
Ping

TraceRt

nsLookup

NetStat

Ipconfig



The screenshot shows the NetSetMan application window. The title bar reads "NetSetMan" and the menu bar includes "Program", "Windows Tools", "Options", and "Help". The version number "5.1.1" is in the top right corner. The main interface has a blue header with the "NetSetMan" logo and "Network Tools" with a wrench icon. Below the header is a toolbar with icons for Console, Adapters Details, Network Scanner, and Connections. The "Console" tab is active, showing a command prompt where the command "ping google.ca" has been entered. A dropdown menu is open over the command, listing "ping", "tracert", "nslookup", "netstat", and "ipconfig". The console output shows the results of the ping command: "ping google.ca [142.251.32.67] with 32 bytes of data:" followed by six lines of "Reply from 142.251.32.67: bytes=32 time=13ms TTL=116". Below this, the ping statistics are displayed: "Ping statistics for 142.251.32.67: Packets: Sent = 10, Received = 10, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 13ms, Maximum = 14ms, Average = 13ms". The status bar at the bottom of the console window says "Done (9 sec)". At the very bottom of the application window, it says "Non-Commercial Freeware".

# Network Scanner

The screenshot displays the NetSetMan Network Scanner interface. The application window has a yellow title bar with the text "NetSetMan" and standard window controls. The menu bar includes "Program", "Windows Tools", "Options", and "Help". The main interface has a blue header with the "NetSetMan" logo and "Network Tools" with a wrench icon. Below the header, there are tabs for "Console", "Adapters Details", "Network Scanner" (which is active), and "Connections". The "Network Scanner" tab shows a search bar with "IPv4 Range" selected, containing the IP range "192.168.31.0 - 192.168.31.255" and a search button. A table below displays the scan results:

IP Address	Name	MAC Address	Group	OS	Response...
192.168.31.0 - 192.168.31.255 [7]					
192.168.31.1		9C-9D-7E-49-31-B0			1 ms / 58 s
192.168.31.110		Sony_A1-7C-92			0 ms / 58 s
192.168.31.112		78-8C-77-80-8D-47			2 ms / 53 s
192.168.31.124	Unknown	24-4B-FE-66-30-E6	WORKGROUP	Windows 10	0 ms / 6 s
192.168.31.186		Sony_69-F3-4E			0 ms / 58 s
192.168.31.228	SEAGATE-4TB	00-10-75-43-CE-ED			0 ms / 30 s
192.168.31.238		4A-01-97-0E-6D-FE			1155 ms ...

At the bottom of the window, a status bar shows "Done (114 sec)". The footer of the application reads "Non-Commercial Freeware".

# Network adapters

The screenshot shows the NetSetMan application window. The title bar reads "NetSetMan" and the version is "5.1.1". The menu bar includes "Program", "Windows Tools", "Options", and "Help". The main interface has a blue header with "NetSetMan" and "Network Tools" with a wrench icon. Below the header are tabs for "Console", "Adapters Details", "Network Scanner", and "Connections". A search bar is located on the right. The left sidebar contains icons for console, Wi-Fi, tools, and settings. The main content area shows a tree view with "Bluetooth Network Connection" selected. Below it is a table of properties:

Property	Value
Description	Bluetooth Device (Personal Area Network)
LUID	{6EAEA9C3-6B8F-43DF-99CF-E73297D401A1}
MAC	70-66-55-C0-1F-D8
Bus Type	Virtual
Interface Type	Ethernet
Enabled	True
Connected	False
Network Location GUID	
Speed	
MTU	1500
DNS Suffix	
NetBIOS	True
Interface Index	9
NetLuid Index	32769
Driver - ID	BTH\MS_BTHPAN
Driver - Date	6-21-2006
Driver - Version	10.0.19041.1
IPv4/IPv6 Protocol	True
IPv4 - Enabled	True
IPv4 - DHCP - Enabled	True

At the bottom of the window, a status bar shows "Done (0.156 sec)" and "Non-Commercial Freeware".

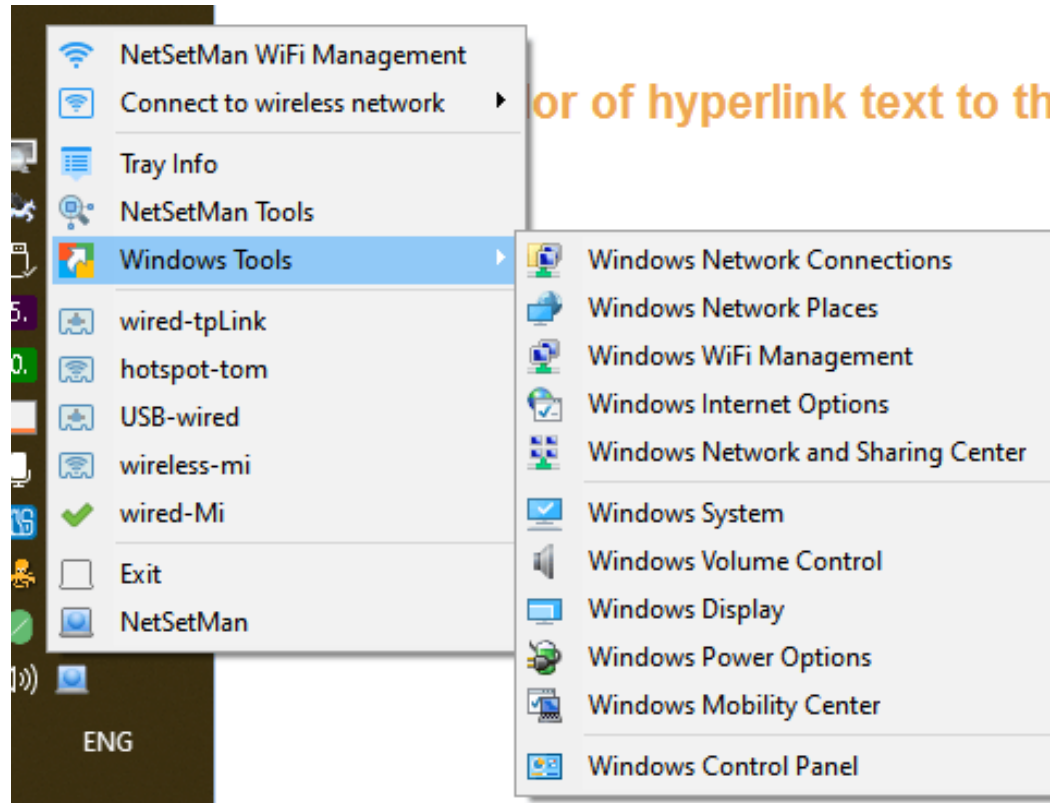


# Active connections

The screenshot shows the NetSetMan application interface. The title bar reads "NetSetMan" and the version is "5.1.1". The menu bar includes "Program", "Windows Tools", "Options", and "Help". The main window has a blue header with "NetSetMan" and "Network Tools" with a wrench icon. Below the header is a navigation bar with "Console", "Adapters Details", "Network Scanner", and "Connections". The "Connections" tab is active, showing a table of active network connections. A dropdown menu is open over the "Process" column, listing "TCP & UDP (v4 & v6)", "IPv4", "IPv6", "TCP (v4 & v6)", "TCPv4", "TCPv6", "UDP (v4 & v6)", "UDPv4", and "UDPv6". The table columns are: Process, Port (Local), IP (Remote), Port (Remote), Host (Remote), Protocol, Status, PID, Path, and User. The status bar at the bottom shows "Done (33 sec)".

Process	Port (Local)	IP (Remote)	Port (Remote)	Host (Remote)	Protocol	Status	PID	Path	User
OVRServer	61577	31.13.80.49	443 (HTTPS)	...	TCPv4	CLOSE_WAIT	2900	C:\Program Files\Oculus\Support\oculus-runtime\OVRServer_x64.exe	tom
ArmouryCra	65325	127.0.0.1	17532	localhost	TCPv4	ESTABLISHED	22312	C:\Program Files\ASUS\ARMOURY CRATE Service\ArmouryCrate.UserSessionHelper.exe	tom
ArmouryCra	17532	127.0.0.1	65325	localhost	TCPv4	ESTABLISHED	19252	C:\Program Files\ASUS\ARMOURY CRATE Service\ArmouryCrate.Service.exe	SYSTEM
chrome.exe	56187	172.253.62.188	443 (HTTPS)	bc-in-f188.1e1...	TCPv4	ESTABLISHED	22760	C:\Program Files (x86)\Google\Chrome\Application\chrome.exe	tom
chrome.exe	58598	192.168.31.186	8009		TCPv4	ESTABLISHED	22760	C:\Program Files (x86)\Google\Chrome\Application\chrome.exe	tom
chrome.exe	61775	149.112.112.112	443 (HTTPS)	dns.quad9.net	TCPv4	ESTABLISHED	22760	C:\Program Files (x86)\Google\Chrome\Application\chrome.exe	tom
firefox.exe	51213	127.0.0.1	51214	localhost	TCPv4	ESTABLISHED	27848	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	51214	127.0.0.1	localhost	TCPv4	ESTABLISHED	27848	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	53621	127.0.0.1	localhost	TCPv4	ESTABLISHED	9076	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	53622	127.0.0.1	localhost	TCPv4	ESTABLISHED	9076	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	53638	127.0.0.1	localhost	TCPv4	ESTABLISHED	13060	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	53639	127.0.0.1	localhost	TCPv4	ESTABLISHED	13060	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	56738	127.0.0.1	localhost	TCPv4	ESTABLISHED	2120	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	56739	127.0.0.1	localhost	TCPv4	ESTABLISHED	2120	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	56740	127.0.0.1	localhost	TCPv4	ESTABLISHED	11496	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	56741	127.0.0.1	localhost	TCPv4	ESTABLISHED	11496	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	56753	127.0.0.1	localhost	TCPv4	ESTABLISHED	21208	C:\Program Files\Mozilla Firefox\firefox.exe	tom
firefox.exe	127.0.0.1	56754	127.0.0.1	localhost	TCPv4	ESTABLISHED	21208	C:\Program Files\Mozilla Firefox\firefox.exe	tom

# Windows network tools



# Feature list

Feature-List	NC-Free	Pro
<b>Settings</b>		
IP Addresses	✓	✓
Workgroup	✓	✓
Default Printer	✓	✓
Network Drives	✓	✓
DNS Suffix	✓	✓
Route Table	✓	✓
SMTP Server	✓	✓
Hosts File Entries	✓	✓
System Settings	✓	✓
Computer Name	✓	✓
MAC Address	✓	✓
NIC Status	✓	✓
Protocol Bindings	✓	✓
LAN Settings (Speed/Duplex, MTU, VLAN, ...)	✓	✓
Connections (RAS/DUN/PPP/VPN)	✓	✓
Scripts (BAT, VS, JS, ...)	✓	✓
Program Execution	✓	✓
Proxy	✗	✓
Network-Domain	✗	✓

<b>General</b>		
WiFi Management <b>New!</b>	✓	✓
AutoSwitch	✓	✓
Tray-Info for all current IP settings	✓	✓
Tray-Menu for quickly switching profiles	✓	✓
NetSetMan Service for usage without admin privileges	✓	✓
Pre-Logon profile switching	✓	✓
Administration for defining permissions	✓	✓
Command line activation	✓	✓
Tools: Network Scanner, Connections, Console, ...	✓	✓
Quick access to frequently used Windows locations	✓	✓
Commercial Use / Can be used at work	✗	✓
Use in a network domain	✗	✓
Use with Windows Enterprise/Server	✗	✓
Profiles	8	Unlimited
Price	Free	25-49€

# Summary

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- Easy to completely set up how you connect to networks
- Quick switching, even autoswitching
- Networking details easily accessible
- Networking tools readily available
- Free, choose Pro for more profiles or commercial use
- More! Check help file.