

Herramientas de escaneo de red en Windows: Network Manager y NETworkManager

<https://sourceforge.net/projects/sortbytem/>

<https://github.com/BornToBeRoot/NETworkManager>

PARP304-Tools-NETworkManager.pptx

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Premisas y procedimiento

- Se trata de estudiar las posibilidades de dos herramientas portables para Windows (de nombre similar, pero distintas): Network Manager y NETworkManager
 - (No confundir con NetworkManager de los sistemas Linux)
 - Puedes empezar a leer por aquí:
<https://www.redeszone.net/2018/06/23/networkmanager-herramienta-redes-windows/>
- Procedimiento:
 - Descárgalas
 - Instálalas sobre un sistema Windows
 - Ejecútalas y estudia todas sus posibilidades
- Haz un mapa mental con todas las posibilidades que presenta cada una de las herramientas

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Network Manager (I)

The screenshot displays two windows side-by-side. On the left is the Network Manager application interface, showing a Wi-Fi section with Local IP: 192.168.1.130 and Public IP: 188.78.233.231. It shows download and upload statistics: Download: 120 B, Upload: 637 B, 960 b, 4.98 Kb, Total: 2.11 GB, and 133 MB. On the right is the Windows Control Panel's Network and Sharing Center, specifically the 'Wi-Fi' section under 'Interface tools'. It lists properties like Adapter GUID, Description (Qualcomm Atheros AR5006X Wireless Network), Type (Wireless IEEE 802.11), Interface Index (14), MAC Address (00:1B:9E:A1:C8:E5), and MTU (1500). It also shows metrics: Lowest IPv4 metrics (Gateway Metric: 0, Route Metric: 55), and download/upload totals: 2.11 GB and 133 MB.

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Network Manager (II)

The screenshot shows the Network Manager application's 'IP Sessions' window. The left pane is a tree view labeled 'All connected processes' showing a hierarchy of running processes. The right pane is a detailed table of IP sessions. The table has columns: Process, Local Address, Local Port, Remote Address, Remote Port, Protocol, and State. The table lists numerous entries, mostly svchost.exe processes, with some Dropbox.exe, NvBackend.exe, wininit.exe, and Telegram.exe entries interspersed. The 'Protocol' column shows TCP or Listen, and the 'State' column shows various states like Listen, Time wai, and Establish.

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NETworkManager (I)

The screenshot shows the NETworkManager application interface. On the left, there is a file explorer window titled 'NETworkManager' showing various system files and folders. On the right, there is a 'Network Interface' configuration window for a 'Wi-Fi' adapter. The configuration includes details like name, description, type, physical address, status, speed, IPv4 and IPv6 addresses, subnet mask, and default gateway.

Nombre	Fecha de modificación	Tipo	Tamaño
Licenses	08/06/2018 20:48	Carpetas de archivos	
Resources	08/06/2018 20:48	Carpetas de archivos	
Settings	09/07/2018 17:09	Carpetas de archivos	
Themes	08/06/2018 20:48	Extensión de la apl...	333 KB
AxaMSTCLib.dll	08/06/2018 20:48	Extensión de la apl...	176 KB
ControlEx.dll	14/09/2017 20:32	Archivo PDB	306 KB
ControlEx.pdb	14/09/2017 20:32	Extensión de la apl...	232 KB
Dragabilz.dll	06/03/2018 19:41	Archivo PDB	390 KB
Dragabilz.pdb	06/03/2018 19:41	Documento XML	47 KB
Dragabilz.xml	06/03/2018 19:41	Archivo SETTINGS	0 KB
ipPortable.settings	08/06/2018 20:48	Extensión de la apl...	1,072 KB
MahApps.Metro.dll	14/05/2018 13:22	Extensión de la apl...	6,265 KB
MahApps.Metro.IconPacks.dll	28/03/2018 14:39	Archivo PDB	82 KB
MahApps.Metro.IconPacks.pdb	28/03/2018 14:39	Documento XML	16 KB
MahApps.Metro.IconPacks.xml	28/03/2018 14:39	Archivo PDB	1,444 KB
MahApps.Metro.pdb	14/05/2018 13:22	Documento XML	289 KB
MahApps.Metro.xml	14/05/2018 13:22	Extensión de la apl...	586 KB
MSTCLib.dll	08/06/2018 20:48	Extensión de la apl...	2,169 KB
NETworkManager.exe	08/06/2018 20:48	Aplicación	1 KB
NETworkManager.exe.config	05/06/2018 20:01	Archivo CONFIG	2,346 KB
NETworkManager.pdb	08/06/2018 20:48	Archivo PDB	762 KB
Oktokit.dll	18/02/2018 3:52	Documento XML	1,709 KB
Oktokit.xml	18/02/2018 3:52	Extensión de la apl...	177 KB
SharpSnmplib.dll	25/05/2018 15:13	Extensión de la apl...	23 KB
System.Net.Network.dll	15/02/2018 10:33	Extensión de la apl...	55 KB
System.Windows.Interactivity.dll	14/09/2017 20:32	Extensión de la apl...	

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NETworkManager (II)

The screenshot shows the NETworkManager application interface. On the left, there is a 'Ping' tool window showing a list of successful ping results to the host '192.168.1.128'. On the right, there is a 'Profiles' section where no profiles have been created.

Timestamp	IP Address	Bytes	Time	TTL	Status
7/9/2018 5:23:40 PM	192.168.1.128	32	364 ms	64	Success
7/9/2018 5:23:42 PM	192.168.1.128	32	208 ms	64	Success
7/9/2018 5:23:43 PM	192.168.1.128	32	216 ms	64	Success
7/9/2018 5:23:44 PM	192.168.1.128	32	221 ms	64	Success
7/9/2018 5:23:46 PM	192.168.1.128	32	200 ms	64	Success

No profiles found! Create one...

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