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# NetScanTools® Pro



## Monthly Newsletter

www.netscantools.com

### June/July 2016



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### In this newsletter:

#### News

- **SNMPv3 Improvements Coming Soon**
- **Coming Soon in NetScanTools Pro**
- **Managed Switch Port Mapping Tool 2.67 released June 14, 2016**
- **NetScanTools Pro 11.75 released May 6, 2016**
- **NetScanTools Basic 2.5 released April 22, 2016**
- **NetScanTools Products and Windows 10**

## News...

### From the Editor...

I did not get a June newsletter out due to all the software I was working on and some other things like graduations and a wedding (not me!). I converted two computers from Win 7 (a 12 year old Dell) and Win 8.1 to Win 10 without a problem – amazing. This is a combined June/July newsletter. Have a great summer!

-Kirk

### SNMPv3 Improvements Coming Soon

Using SNMPv3 in both NetScanTools Pro and the Managed Switch Port Mapping Tool has been a little difficult at best with only the two non-encrypted modes of SNMPv3 available 'out-of-the-box'. That is about to change.

In June we submitted documents required to obtain an Encryption Registration Number. That number, along with ECCN 5D992.c will allow us to distribute the SNMPv1/2/3 DLL and the OpenSSL encryption DLL that we need to support all modes of SNMPv3.

It will not make your life easier as far as all the SNMPv3 mode selection and passwords you have to enter, but you will no longer have to chase down the correct encryption DLL and you will no longer have to use the SNMP Library Manager.

The changes have already been made in what will be NetScanTools Pro 11.80 and they will be coming soon in Managed Switch Port Mapping Tool 2.70.

## Coming soon in NetScanTools Pro

**Other things are being added to NetScanTools Pro 11.80 in addition to the SNMP changes. This is what has been done to date.**

- An IPv6 Routing Table Tool.
- A better method of selecting the WinPcap compatible interfaces – in previous versions there were occasions where we could not associate the IP address in the dropdown selection box with the correct interface.
- Making sure the ARP tools selected WinPcap interface IP matches the subnet – ARP is not routed beyond the current subnet.
- Fixed problem where registration information could not be written.
- Complete UI overhaul of the Real Time Blacklist Check Tool along with speed improvements due to changeover to multithreading.
- Whois fix where if the whois server did not return results it would hang indefinitely until stop was pressed.
- Bug fixes in SNMP Scanner and SNMP Dictionary Attack.
- Support for nPcap in addition to WinPcap.

## Managed Switch Port Mapping Tool v2.67 Released June 14, 2016

**This release addressed the method for opening databases when the history database is large (ie. over 100MB or so).** Previous versions used methods which would be slower as the database grew in size.

*Hint: If you want to see the size of your history database and remove old records from it, please press the Review History button in the left control panel.*

**Download the 'installed' version 2.67 from here [SwitchPortMapper.com](http://www.switchportmapper.com) and install it over the top of your current installed version.**

<http://www.switchportmapper.com/>

**USB version users need to use the Help Menu/Check for Update selection to obtain the upgrade patch.**

### 2.67 June 14, 2016 release notes:

- Startup speed improvements especially noticeable when history database is large.

- Updated SQLite to version 3.13.0
- Updated MAC address/Manufacturer database.
- Code signing now uses both SHA256 and SHA1 for maximum operating system portability.

## NetScanTools Pro 11.75 released May 6, 2016

**This version has many changes to the Packet Flooder, a completely new installer for the 'installed' version and a few fixes.**

Several improvements and visible changes were made to the Packet Flooder as a direct result of user input. These changes give you finer control over packet send process. The 'speed gauge' now automatically shows the status of interface the packets are being sent from.

Other minor fixes were added and all databases were updated.

Another visible change is the conversion from the old Wise installer (2001 vintage) to the most recent Inno Setup. Inno Setup is in some ways much better at giving control of the installation process and the resulting installer is about 60% the size of the 11.74 installer. The Wise installer will continue to be used for the USB version patch for awhile.

Please update soon. You will need an active maintenance plan to do so. Click on Help/Check for New Version for the download links to the full installer. USB users are downloading an upgrade patch.

*Speaking of the full installer – save it in a safe place and replace any old versions. We constantly run across users who have reinstalled or moved their software to a new computer and they do so by using an old installer. Sometimes the installer is many, many versions older - so **SAVE** the latest one and discard the old ones!*

### 11.75 release notes

- -Changed several tools to force DNS queries to use UDP instead of TCP.
- -Random number generator changed to a faster algorithm.
- -Packet Flooder: added tooltips.
- -Packet Flooder: created defaults buttons for fragmented and non-fragmented settings.
- -Packet Flooder: speed gauge now automatically selects and displays the interface sending packets.
- -Packet Flooder: added method for limiting the maximum length of the data portion in random mode.
- -Packet Flooder: added method for altering the socket output buffer size.
- -Packet Flooder: speed improvements to the packet send thread.
- -Packet Flooder: added packets per second calculation to status line that appears when stopped.
- -Database Maintenance: added buttons for erasing results data older than specific times. Use to reduce the size of the database.
- -Real Time Blacklist Check: Fixed most recently used DNS list and added new servers.
- -Changed installer from Wise to Inno Setup (installed version only).

- -Updated SQLite to version 3.12.2
- -Updated MAC address/Manufacturer database.
- -Updated IP to Country database.
- -Code signing now uses both SHA256 and SHA1 for maximum operating system portability.

## **NetScanTools Basic 2.5 Released April 22, 2016**

**This release fixes Printing on Ping, Ping Scanner and Traceroute.** It is also code signed with both SHA256 and SHA1 for maximum portability across operating systems.

Release notes:

- Fixed printing from Ping, Traceroute and Ping Scanner.
- Fixed paste, copy, cut, etc. in the input field boxes. Actions like ctrl-v for paste now work.
- Changed Switch Port Mapper icon in 'Other Programs with More Tools' to new icon.
- Updated SQLite to version 3.12.0
- Code signing now uses both SHA256 and SHA1 for maximum operating system portability.

## **NetScanTools Products and Windows 10**

All of our products have been tested on Windows 10 in it's various iterations both 32 and 64 bit.

NetScanTools Pro, NetScanTools LE, NetScanTools Basic, ipPulse and the Managed Switch Port Mapping Tool have all be recently compiled on Windows 10. All development is now done on Windows 10.

## **Contact Information**

*If you have any questions or suggestions, please feel free to email.*

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