

NetScanTools® Pro



Monthly Newsletter

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August 2015

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News

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- **NetScanTools Products and Windows 10**
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- **Managed Switch Port Mapping Tool 2.53 released July 9, 2015**

News...

From the Editor...

NetScanTools Pro 11.72 is in work and will be finished soon. Managed Switch Port Mapping Tool 2.54 is pretty much complete and will be released in the next couple of days. Meanwhile, it is still very dry here in Sequim, Washington, USA – but thankfully there are no forest fires nearby. Have a good summer!

-Kirk

NetScanTools Pro 11.71 released August 5, 2015

This version has several fixes of problems that were bothering me personally. The most important changes were to the reporting in Port Scanner – only open TCP ports are shown (TCP Full Connect) and if you are doing a TCP SYN or Custom scan, timeouts are now noted if the Show All Scanned Ports Results box is checked. The SSL Certificate Scanner was improved and now shows TLS 1.1 and 1.2 as the only allowed connection methods under PCI standards. The Network Shares SMB tool now does a better job at identifying the Windows operating systems it finds.

There are several other minor changes – like the ARP Scanner sorting that bugged me. Please upgrade to this version 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.

*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!*

Changes in v11.71 released on August 5, 2015

- ARP Scanner: IPv4 address column is now properly sorted in ascending IP address order after scanning.
- DNS Tools - Core: NSLOOKUP now properly converts the IPv4 address to ARPA notation if the user was asked to change to PTR because a different type was selected.
- Network Interfaces - Wireless: SQLite database save fix for SSIDs with apostrophes or quotes in them.
- Network Neighbors: MAC addresses of all zeros no longer show as XEROX CORP.
- Network Shares - SMB: Significant changes to operating system identification methods for lower System Information window. Identifies new Server 2016, 2012R2, 2012 and Windows 10, 8.1 etc. Fix for potential crash situation where a system name is present but the system is offline and cannot be queried.
- Ping: IPv6 address to hostname resolving fixed.
- Port Scanner: Only active ports are now shown to reduce results list clutter. 'Port Active - Connection Refused' was changed to 'Connection Refused' and this message only shows if you check the 'Show All Scanned Port Results' box. TCP SYN/Custom ports scanned that do not respond are now shown with a timeout message instead of nothing. 'Wait after connect' label changed to Read Timeout.
- SSL Certificate Scanner: final connection now made with the highest SSL/TLS protocol supported. Per latest PCI requirements, TLS 1.0 is now labeled in red as undesirable.
- Updated SQLite to 3.8.11.1
- Updated database files.

NetScanTools Products and Windows 10

All of our products have been tested on Windows 10 in it's various iterations. I have yet tested on the official versions, 32 and 64 bit and all seems OK. The biggest problems we had were with the WinPcap packet driver. That appears to have stabilized and work is being done to bring WinPcap out of the Windows XP world of NDIS5 to NDIS6. The nmap folks have a beta which seems to work well. Another that works is Win10Pcap – I only tested the first '5001' build and have not checked any subsequent builds. In either case, since these are GNU open source licensed, we will not be including them with our installer rather we will direct you to their download pages. WinPcap is required for NetScanTools Pro and optional for NetScanTools LE.

NetScanTools Pro, NetScanTools LE, NetScanTools Basic, ipPulse and the Managed Switch Port Mapping Tool have all be recently compiled for and tested on Windows 10 technical previews.

NetScanTools Basic 2.4 released July 28, 2015

NetScanTools Basic is a freeware version of NetScanTools with a few very basic tools. It was recently updated and compiled for Windows 10. These are the changes:

- Windows 10 compatible.
- Whois: Improved algorithm to check for many new domains. Added new messages if a user enters IPv6 or ASN.
- Updated Whois database - added a number of new whois servers.
- Added button to clear no-responding IPs from the Ping Scanner results.
- Code moved from VC2008 to VC2012.
- Updated SQLite DLL to v3.8.10.2

Managed Switch Port Mapping Tool v2.53 Released July 9, 2015

Version 2.53 was released to add a few minor changes. Not really any bugs, but just some additions that were suggested. If you have suggestions, feel free to contact us. Another release will be coming soon.

Download version 2.53 from here:

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

Changes in v2.53

- New command line option: "-historydb databaseName" allows you to select a previous or create new history database when running the software from the command line.
- Web browser reports and error messages now all have unique filenames making it easier to refresh one if several are open. They are all temporary and are deleted at the end of the session.
- Added detection of Microsoft Hyper-V devices for the VM section of the web browser reports.
- The SQLite error message window now correctly identifies Windows 10 and Windows Server 2016 operating systems. It also now shows the path, size and attributes of the current history database.
- Added new Switch Info reporting panel in the left control panel below the Database Maintenance button.
- Updated SQLite to version 3.8.10.2
- Updated MAC address/Manufacturer database.

Contact Information

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

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