NetScanTools® Pro
Monthly Newsletter
www.netscantools.com

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News...

From the Editor...

To those who celebrate Christmas: Merry Christmas! And to everyone – HAPPY NEW YEAR!

-Kirk

Managed Switch Port Mapping Tool v2.60 Released December 16, 2015

Version 2.60 was released with expanded support for Cisco and HP switch stacks. We can now gather information about the switch stacks. Amer Networks switches are now also supported. Users have requested ways to 'multi-select' several items (like switch settings) in our editors and delete them as a group – this is now possible. We also made improvements to the SNMPv3 settings and we now detect if you have a 32 or 64 bit libeay32.dll (imagine a DLL with 32 in it's name that has been compiled as 64 bit – go figure – very confusing). The 32 bit version is required.

We added links in the help menu and in the left control panel to our Helpful videos web page – this should help answer questions you may have. If you have suggestions for new videos, feel free to contact us.

Download version 2.60 from here and install it over the top of your current installed version. USB version users need to use the Help Menu/Check for Update selection to obtain the upgrade patch:
http://www.switchportmapper.com/

Changes in v2.60

- Added support for Amer Networks switches.
- Added retrieval of stack specific information like serial numbers of individual stack members for Cisco and HP switch stacks. This information has been added to the web browser Switch Mapping Analysis report. It is also saved to the History database for later review.
- Added link to our Help Videos web page in both the left control panel and the Help menu. These videos show many typical tasks you might do while mapping a switch or set of switches.
- Added multiselection of the list of SNMP devices in the Switch Lists/Device Settings Editor. You can now delete a one or more selected devices from the list rather than just one at a time.
- Added multiselection of the list of Switch Groups in the Switch Lists/Switch Group Editor. You can now delete a one or more selected switch groups from the list rather than just one at a time.
- Added multiselection of the list of switches in a Switch List in the Switch Lists/Switch List Editor. You can now delete a one or more selected switch groups from the switch list rather than just one at a time.
- Changed reported identification of VirtualBox Virtual Machines attached to switch ports. This information appears in the web browser switch mapping analysis report.
- Added Private Mib selection to the Support/SNMP Walk tool.
- Improved SNMP Library Manager. Now detects if the libeay32.dll you have included is 32 or 64 bit. Update links to obtain libeay32.dll.
- If libeay32.dll does not load, SNMPv3 Settings will show if it is a 64 bit instead of the required 32 bit version. Note that libeay32.dll can be found both as a 32 and 64 bit compile. It is strange that the 64 bit version does not have 64 in the filename.
- SNMP Device Settings now check for IPv6 IP addresses and disallow them. IPv6 will be supported in a later release.
- Improved speed to Duplex Status retrieval.
- Duplex column mode 'auto' is shown blue so the text was now changed to white instead of black to aid visibility.
- Added command line options to start the software minimized (-min) or hidden (-hide). The hidden option must be used in conjunction with the -postexit option.
- Table of known switches is now cleared on exit. More improvements to this table are planned for a future release.

- Updated SQLite to version 3.9.2
- Updated MAC address/Manufacturer database.

NetScanTools Pro 11.73 released November 14, 2015

This version has several improvements in the SSL Certificate Scanner and a fix to the Managed Switch Port Mapping Tool launcher.

NetScanTools Pro 11.73 has a number of changes to the SSL Certificate Scanner. One important change is how to handle 'out-of-range' certificate start or end dates. A user had some self signed certificates from a hardware vendor that started with a date in 1950 – that's right, before transistors. Anyway, if the date is prior to Jan 1, 1970 or later than Dec 31, 3000, it will trap it and not crash. At the user's suggestion we also highlight the expiration date cell in yellow if it is within 60 days of the expiration date.

Another user pointed out that the Managed Switch Port Mapping Tool Launcher did not work right. That was because of a change made to the Switch Port Mapper and NetScanTools Pro was not updated. It's now updated and it should launch the Switch Port Mapper as expected.

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 <u>old</u> versions. We constantly run across users who have reinstalled or moved their software to a new computer and they do so by using an <u>old</u> installer. Sometimes the installer is many, many versions older - so SAVE the latest one and <u>discard the old ones</u>!

Changes in v11.73
- Switch Port Mapper Launcher now works correctly.
- SSL Certificate Scanner: It now properly handles 'out-of-date range' certificates. ie. certificates that have a starting date earlier than Jan 1, 1970 and expire later than Dec 31, 3000. Previous versions encountering dates outside this range would crash.
- SSL Certificate Scanner: Fixed a problem with 'untrusted root' displayed - if it encountered this in a certificate, all others below would show the same message even though it was not true.
- SSL Certificate Scanner: Added a timeout trap - if the target does not respond you are given the opportunity to skip it, if you fail to answer it automatically skips in 5 seconds.
- SSL Certificate Scanner: Certificates that are within 60 days of expiring now have the expiration date cell highlighted in yellow.
- Updated SQLite to 3.9.2
- Updated database files.

New Videos: How to use the Managed Switch Port Mapping Tool

It has been too long since we published any new videos of the Managed Switch Port Mapping Tool in use, so several were made recently. A few of the titles:

- Switch Port Mapping a Cisco 3750 Switch
- How to change switch IP Address in the Managed Switch Port Mapping Tool
- Managed Switch Port Mapping Tool: How to recall switch settings
- Dealing with an Active Switch Port with no device MAC address showing
- How to Manually Map a Netgear GS724T Network Switch
- Switch Port Mapping a ZyXEL GS1900-16

Please review these Youtube videos on our Switch Port Mapper site:

http://www.switchportmapper.com/videos.htm

You can also get there by clicking on the Help menu link and in the new helpful videos link on the left control panel.

Are you looking for a NetScanTools Pro installation file?

Specifically, the full version installation file – not the USB version.

It's not on our netscantools.com website – do not download and install the demo version – it cannot be converted into a full version.

There are three ways to get the full 'installed' version:

- Use the backup we asked you to make when you downloaded it in the first place.

- If you have a version of NetScanTools Pro installed and running, click on Help/Check for New Version. An embedded web page will appear with links to the installation file. You will need your Access Credentials to download AND your maintenance plan must be active. The Access Credentials are conveniently shown for you above the embedded window.

- If you do not have a running version or your maintenance plan has expired, please contact support at netscantools dot com for assistance. If your plan is active, we can rapidly set up a new download for you.

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 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.

Contact Information

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

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