

NetScanTools® Pro



Monthly Newsletter

www.netscantools.com

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News...

From the Editor...

We've just released a new NetScanTools Pro 11.62 for both installed and USB versions. I hope you have used the discount coupon when renewing your maintenance plan – see the reminder emails. There will be a new NetScanTools Pro demo version coming out soon. Fall is here!

-Kirk

Managed Switch Port Mapping Tool 2.35 Released Sept 5, 2014

This release improves reporting of VLAN information in the case of a device being a member of more than one VLAN. It also no longer allows you to remove ifIndex as a visible column – this prevents problems with other columns. Help menu links were updated to

include a way to email for support and to download TeamViewer for remote support.

Changes in release v2.35:

- Devices on ports reported by qBridge that are members of more than one VLAN are now shown correctly with multiple VLAN numbers separated by commas.
- The Column Order and Visibility Editor no longer allows you to remove the Interface Index (ifIndex) column from the list of visible columns. If ifIndex is not visible a warning is displayed when you start a manual mapping.
- Results grid default row height is now increased for better readability on Hi-DPI displays.
- Added Help menu links for TeamViewer remote support.
- Added Help menu link to email support.
- Updated SQLite to version 3.8.6
- Updated MAC address/Manufacturer database.

Get the new release at www.SwitchPortMapper.com.

Upcoming changes to the Managed Switch Port Mapping Tool

The next Switch Port Mapper release is currently in work to address issues brought up by users. There has been more refinement of the way the software is displayed on HiDPI displays (specifically 3200x1900) – the user reporting display readability issues with grid row height is now happy with the changes.

LLDP typically reports the MAC address of the remote attached device. In certain rare cases the SNMP engine does not correctly report the MAC address in hex format, so a change was made to assure that hex format is always reported.

Another new feature will help with future tech support issues. Sometimes there is the need for us to see exactly the data the switch is sending back. The new help menu SNMP Walk Tool will give us a way to do that without relying on other software.

Those are the current changes due to be released in v2.36. If you have suggestions or problems, email or call us.

FastSpring – A New Online Ordering Authorized Reseller

We have contracted with FastSpring.com to be an online ordering authorized reseller. They are based in the US and were founded by individuals who have been in the online ordering business since the 1990s. FastSpring will be joining BlueSnap (formerly Plimus) as an online reseller of our products. Remember, when you order online from us you are actually

ordering from one these authorized resellers - we do the order fulfillment. Currently only a few product options are available through FastSpring but we will be bringing more product ordering options active soon.

NetScanTools® Pro Version 11.62 released August 15, 2014

This release added the new IPv6 Syntax Validation tool (thanks go to Jeff Carrell for all his help!), consolidated the currently IPv6 capable tools into one menu bar link and addressed the way the top and left panel menus look on High-DPI displays (3200x1800).

It also added the ability to properly send packets to IPv4 multicast addresses when WinPcap is used to send the packets. Prior software versions did not use the correct destination mac address. And now you can also use new scripting commands to specify the source and destination mac addresses in Packet Generator.

One important fix was a change to the way responding ARP packets are processed in the ARP Scanner and Duplicate IP Scanner tools: it now only processes packets with IP addresses corresponding to the allowed range that you specified. Prior versions would show IPv4 addresses outside the range giving uncertain or hard to interpret results.

This is from the revision history section of the help file.

New:

- Added menu and left toolbar font scaling in Preferences. This allows the fonts to be scaled larger on High-DPI devices like laptops with 3200x1800 displays.
- Added IPv6 Address Syntax Validation Tool to both the IPv6 menu and DNS Tools Advanced.
- Added links to the IPv6 menu directing users to the tools that can interact using IPv6.
- Managed Switch Port Mapping Tool Launcher now has an additional button for launching the USB version of the software in addition to the installed version.
- Wireshark Launcher now has an additional button for launching the portable version of Wireshark in addition to the installed version.
- Packet Generator: source and destination MAC addresses can be changed in scripting. UDP manual send now has option to send current timestamp as payload in each packet.

Fixes:

- ARP Scanner, Duplicate IP Tool: now makes sure returning ARP packet is in range of what was sent. Local interface IP/MAC pairs must also be in that range.

Other Changes:

- Network Shares tool now recognizes Windows 8.1 devices.
- Packet Generator, Ping, Traceroute, Port Scanner and OS Fingerprinting: Multicast IPv4 addresses can now be used as destinations using WinPcap send modes.
- Updated SQLite to 3.8.6
- Updated database files.

You have the NetScanTools® Pro Maintenance Plan, but you are still many versions behind – why?

We see this all the time when people register. We see it when they renew their maintenance plan - we check the logs and see that they have never logged in and downloaded updates. For whatever the reason, the question remains, why are they installing 11.43 (for example) when we are at 11.61?

There are many good reasons to install the latest version: First of all is bug fixes, secondly there are new tools introduced with each .1, .2, .3, .4 etc. edition and thirdly, there are database updates.

OK – A Quick Review on upgrading to a new version. First thing you need is an active NetScanTools Pro maintenance plan. Start NetScanTools Pro and click on Help/Check for New Version. An embedded browser window opens up on the right side of the program. Click on the download link, a popup window appears. Enter your login credentials (shown to you in the program right above the embedded window) and download the zip file. Exit NetScanTools Pro and run the contents of the zip file which is actually a full install. Restart it and verify the latest version.

Contact Information

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

Northwest Performance Software, Inc.
PO Box 1375
Sequim WA 98382
(360) 683-9888
www.netscantools.com
sales [at] netscantools [dot] com

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