

NetScanTools® Pro



Monthly Newsletter

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News

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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 Switch Port Mapper release within coming very soon too and also a new demo version. I hope you had a good summer!

-Kirk

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.

Managed Switch Port Mapping Tool 2.34 Released July 9, 2014

This release fixes several problems and adds a color coding key. We addressed problems importing switch lists. It also addressed a fairly rare issue where the VLAN, IP address, hostname columns would be

so wide from the data supplied by the switch that they would be unmanageable. We also added a color coding key popup window to explain the colors that appear in some results cells. Access the color coding key through the right click menu. We also fixed a problem where occasionally the Last Changed Time Column would show negative numbers.

Changes in this release, v2.34 July 9, 2014:

- -Importing a Switch List has been improved. Any problems importing the list are now specifically detailed, ie. SNMP device parameters not present or Switch Group not present. New Save button gives you a way to save the import errors to a text file. Problems with cancelling out of Switch List Import has been fixed. Problem with reimporting a list fixed.
- -Corrected problem where in some cases the VLAN, IP Address, and Hostname columns would be so wide that the column widths could not be reduced. There is a new checkbox in Global Settings that limits these column widths to twice the header text width. The checkbox is enabled by default.
- -Improved message text where Ping Sweep is enabled and no targets are specified.
- -Added new right click option to 'Display Cell Background Color Coding Key'.
- -Web browser switch report now mentions the way to view the color coding key.
- -Last Changed Time column values will no longer occasionally appear negative. They will always be positive or indeterminate.
- -The database 'tempSwitchList.db3' is now deleted on program exit.
- -Updated SQLite to version 3.8.5
- -Updated MAC address/Manufacturer database.

Get the new v2.34 release at SwitchPortMapper.com.

Managed Switch Port Mapping Tool Tip

There is a very important setting in this software that we must discuss. Many of you have probably found the menu item *Settings and Tools/Column Order and Visibility Editor*. This is a great way to reorder the columns, remove columns you don't need and add columns that are not in the default set. The only problem is with all versions 1.0-2.34 you can remove the Interface Index (ifIndex) column. The only problem with removing this column is that it is used to assist in populating other columns (for instance the status column might be blank). So beginning with v2.35 (coming soon) you will not be allow to remove that column.

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

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