

NetScanTools® Pro



Monthly Newsletter

www.netscantools.com

March 2013



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News...

From the Editor...

This is the 'catch up' March edition complimenting the very late February newsletter we put out in early March. We should be back on normal schedule in April.

-Kirk

NetScanTools® Pro version 11.42 released March 14, 2013

Release 11.42 addresses some longstanding but unrecognized issues with the Packet Generator. Specifically, there was previously no way to set all of the packet parameters after the IP header to a known state prior to building a packet. There are now new commands to do that. It also became apparent that we needed a way to 'debug' scripts – the new checkbox to output scripting status to a new debugging window was also added. These

commands are fully documented in the help file (press F1 to view the help file).

Another fix prevents crashing of the Network Connection Endpoints Tool on operating systems that do not have active IPv6 installed. This primarily affects old Windows XP and Server 2003. Newer operating systems have IPv6 installed by default.

The final reason for this minor release was the release of WinPcap 4.1.3 by Riverbed. V4.1.3 fully supports Windows 8.

How to get v11.42: Click on Help/Check for New Version, then on Login Here – this requires an active maintenance plan and your access credentials are shown on the check for new version window in the program.

WHAT'S NEW IN THIS RELEASE

Version 11.42 March 14, 2013

Changes:

- Network Connection Endpoints: corrected problem that caused a crash if you used this tool on an operating system that did not have IPv6 networking installed. Usually affected Windows XP or 2003, later operating systems have IPv6 installed by default.
- Packet Generator: several important changes to scripting. Added packet reset commands to set the packet to an initial state prior to setting bits or fields in the packet - added !TCP_RESET_PACKET, !UDP_RESET_PACKET, !ICMP_RESET_PACKET, !ARP_RESET_PACKET, !CDP_RESET_PACKET. Errors such as failure to load a packet data file are now shown in the new Notifications/Errors window. A checkbox has been added to allow you to debug scripts by monitoring the processing of each command in the same new window.
- Significant documentation updates in Packet Generator Scripting. Revised example scripts.
- Updated WinPcap to 4.1.3 which officially supports Windows 8.
- Updated database files.

Managed Switch Port Mapping Tool v2.06 released March 4, 2013

The Managed Switch Port Mapping Tool v2 has been updated again in direct response to user input. We had a couple users run into some issues when upgrading from very old versions, so it became important to update it.

2.06 March 4, 2013

- Compatibility improvement: databases as far back as v1.00 can now be opened and will be automatically modified to conform to v2.x formatting.
- Added buttons in Global Settings to create command line presets for using ExtraPuTTY.
- Updated MAC address/Manufacturer database.

Get the software by going to <http://www.SwitchPortMapper.com> or visiting NetScanTools.com and clicking on Managed Switch Port Mapping Tool.

USB Version of the Managed Switch Port Mapping Tool

We have had many requests for a USB fully portable version of the Managed Switch Port Mapping Tool. The good news is that it's almost finished. The final pieces of the software are being completed and testing should begin the first week of April. If all goes well, we should have it available sometime in April.

Blog Post about using Scripting in Packet Generator

We have had several questions lately about Scripting in NetScanTools Pro Packet Generator, so there is a new blog post with tips on how to properly using scripting.

<http://netscantools.blogspot.com/2013/03/packet-generator-scripting-tips.html>

Contact Information

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

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