NetScanTools® Pro
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www.netscantools.com

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News...

From the Editor...

Happy New Year to all! We will be closed on New Years Day and sort-of open on Friday January 2.

-Kirk

NetScanTools Pro 11.63 released December 9, 2014

Changes in this release are primarily in the Packet Generator Tool, the SSL Certificate Scanner and in the SNMP tools. The Packet Generator Tool changes are mostly in the Packet Playback section and in the manual definition of a TCP, UDP, ICMP and RAW packet.

The SSL Certificate Scanner was updated to reflect the 'POODLE' issue that makes SSLv3 connection type vulnerable. The scanner now checks every connection type one by one and shows you which ones are supported.

The changes to the SNMP tools make it easier to move between the two tools and also stop loading the OID selector if required. The OID selector now also has a search function.

11.63 December 9, 2014

- Packet Generator Tool has numerous changes:

    1. Tool window layout changes.

    2. Packet Capture Playback now has checkbox to control whether the warning on length of time to send is seen.

    3. Packet Capture Playback now saves and shows the path to previous capture files. It now has a status window and a button to launch your Packet Analysis Tool.

    4. Fix: Packet Capture Playback Use Original Timing Checkbox now works properly. Select Capture File no longer automatically starts at the user's documents directory.

    5. Scripting: Added a dropdown box saving and showing the path to previously used script files.

    6. The length of TCP, UDP, ICMP and RAW packets are now checked against the actual MTU of the interface and you are warned if it is too large. It also shows a similar message if the packet is not sent. Packets larger than the MTU are not sent by WinPcap.

    7. TCP, UDP, ICMP, RAW windows now have a status window showing the length of the file being sent or the length of text being entered as a data payload for the packet.

- SNMP Core and Advanced now each have a button to quickly go to the other SNMP tool.

- SNMP Core OID Selection now has a way to stop the loading of the MIB tree (helpful if you have a large set of installed MIBs and you accidentally start it) and a Find button to search for a text string in the MIB tree.

- SNMP Manager now has better feedback if the security DLL is not found or is a 64 bit version instead of a 32 bit version.

- SSL Certificate Scanner: added columns to show possible connection types including the now compromised SSLv3. It shows each connection type SSLv2 through TLS1.2 and whether or not it is supported by the server you are testing.

- Updated SQLite to 3.8.7.3

- Updated database files

Managed Switch Port Mapping Tool 2.41 Coming Soon

Changes in this release are in three areas:

1. Cisco devices that have unused ports will have significantly improved reporting of the default VLAN.
2. Voice VLANs for VOIP are now shown as a new column. Currently only Cisco switches are supported. Other switches that report this information will be added in future releases.
3. Export (XML) of non-English EU alphabet characters has been improved so that spreadsheets will import them correctly.

This release will reset the column order and visibility to defaults and you will need to reorder the columns to your preference. This was necessary because we added the new Voice VLAN column.

Look for this release the week of January 5, 2015.

Managed Switch Port Mapping Tool 2.40.1 Released Nov 11, 2014

You may be asking yourself 'what happened to v2.40?' – good question! Version 2.40 was released on Nov 7 and immediately a customer noted a minor problem that with IP address formatting in the CDP column on a large Cisco switch. A couple lines of code fixed it and we released 2.40.1. Look at the top titlebar of the software to find out which version you have. If Cisco CDP is important to you, make sure you have 2.40.1. If not, don't worry about it.

The USB version patch was delayed for v2.40.1 and it shows that version across the top titlebar – but there is an 'oops': the image in the Help/About window still says 2.35. Just be sure to check the top titlebar to see your actual version.

Get the latest version 2.40.1 at SwitchPortMapper.com – you will be downloading spm240.zip.

Here is what is new in v2.40.1. This is what we call the Extreme Networks release. The software now fully supports switches running ExtremeXOS 15.x, 12.x and even old ExtremeWare 7.7. A number of miscellaneous fixes and improvements were done including more VLAN work. In order to speed up tech support we added a new tool to 'walk' OIDs in the switch or other SNMP devices. That way we can see the information returned by the devices without asking you to get another tool to do it.

2.40.1 November 11, 2014
- Fixed occasionally seen IP address formatting problem in CDP column.

2.40 November 7, 2014
- Added full support for mapping Extreme Networks switches running operating systems ExtremeXOS 15.x, 12.x back through older

ExtremeWare 7.7. Expanded switch properties gathering for Extreme Networks switches.
- Additional improvements for better readability on 3200x1900 Hi-DPI displays.
- Improved algorithm for showing assigned VLANs on unused ports on switches utilizing qBridge MIB reporting.
- Improved support for older 3Com 4500 Series switches by showing assigned VLANs for unused ports.
- If the switch reports an IPv4 or IPv6 Multicast Address, we now indicate that in the Manufacturer column.
- Corrected an issue with LLDP where the MAC address might not always show up correctly.
- Added SNMP Walk Tool to the Help/Technical Support menu.
- Updated SQLite to version 3.8.7.1
- Updated MAC address/Manufacturer database.

Get the new release at www.SwitchPortMapper.com.

ipPulse 1.84 released October 9, 2014

This release fixes some problems with adjusting the Ping settings to shorter timeouts than the default 2 seconds on Windows 8.1 and Windows 7. It also changed the message about reports that appears when you press Stop to an 'autoclose' message meaning that if you do not answer, it will close and assume the answer is no. As part of the transition to newer operating systems, this program was recompiled on Windows 8.1 using Visual Studio 2012 (next release will use 2013).

Changes in release v1.84:

- Corrected problem with Ping using short timeouts on Windows 8.1 and 7.
- Added autoclosing question about viewing reports after pressing Stop.
- Recompiled all software on newer compiler on Windows 8.1.

Getting our download link emails past your SPAM filters

Every week it happens – we email a download link to someone, then couple days later we follow up only to find out they never got the email. SPAM filters – they are becoming more and more of a problem.

We have tried splitting our download emails into two parts so that if you get only the second part, you can look for the first part in your spam filter folder.

We have also recently changed our link to zip files to a link to a .txt file. You are supposed to replace txt with zip *prior* to downloading – it seems get more messages past the filters, but our logs show people clicking on the .txt link and getting a 404 before reading the message.

If you order something from us and expect a download link and you don't get the email in a reasonable time, please check your SPAM filters, then email or call us!

USB Flash Drives are not created equally

We are talking here about the tradition of the drives showing up as 'removable' on a Windows computer. Windows 8 changed all that.

Windows 8 certified USB Flash Drives appear as type 'Local Drive' (fixed disk/hard disk) as opposed to the traditional type 'Removable Disk'. The effect of this is that any software that expects to be running from a removable disk (USB Flash Drive) will not work properly if the USB drive appears as a fixed disk. *That includes both NetScanTools Pro USB Version and the Managed Switch Port Mapping Tool.*

The difference is apparently the state of a bit or bits in the USB flash drive controller. Some manufacturers have a utility to flip this bit and others just put out Windows 8 certified drives in addition to their standard design flash drives.

The USB's we use are Windows 8 *Compatible* which means it appears as a removable flash drive – and they are also USB v3 in addition to USB v2 compatible. Look carefully at the packaging Windows 8 logo or the online description and check the wording when they talk about Windows 8.

You can tell the state of your USB Flash Drive by opening File Explorer and right clicking on the flash drive and selecting Properties. Look for Type: Removable Disk on the General tab. That's what you want if you are using our software on a USB flash drive.

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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