

NetScanTools® Pro



Monthly Newsletter

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News

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- **NetScanTools Pro 11.90.1 Released Sept 19, 2019**

News...

From the Editor...

I did not publish a November newsletter so this newsletter covers some things that happened in November. Not much happened in December – holidays are always busy and slow at the same time.

Please be sure to keep up on releases of the switch port mapper. We get support requests about issues that have already been addressed in a release later than the one the user is currently running.

Have a Happy New Year!

-Kirk

Managed Switch Port Mapping Tool 2.84.2 Released Nov 20, 2019

This release and the previous 2.84.1 release address issues with the right-click export results grid data to XML.

2.84.1 fixed a problem with the Styles section of the XML header having to do with vertical alignment and wrapping text. 2.84.2 further refined this header by giving the user the ability to change the font size, name and bold/italic attributes in the export. The vertical alignment of top, center and bottom can also be controlled. These changes do not affect the results grid itself, only the XML export.

Managed Switch Port Mapping Tool 2.84 Released Oct 28, 2019

This release addresses many issues and most importantly it can now map TP-Link switches.

TP-Link switches would partially map but not show any MAC addresses (and therefore no IP addresses or hostnames). Other things like duplex mode and VLAN names were not showing. This was due to an issue where the SNMP MIB table that maps bridge port to ifIndex was and still is reporting incorrect data. A workaround is in place that allows the switches to fully map. Other data from the TP-Link Private MIB area has now been added improving the mapping results.

Dell S4048 and related switches that all derive from Force10 switches now correctly show link aggregation (LAG) and there are now 9 more color combinations showing the member/aggregator relationships.

We had a user tell us that his Viptela firewall did not populate the ARP table in the normal place. But the ARP table was in the Private MIB area here:

.1.3.6.1.4.1.41916.12.1.1.4

We added a new method of specify that OID in the settings for the device. You must provide the accurate full OID like above. If ARP data is found in the normal format, it will be added to the combined ARP table for the purposes of finding IP addresses given a MAC address.

That brings us to XML export from the right click menu in the results grid. We had some users see formatting problems in the multiline cells like MAC/IP address etc. There was much work done to the header of the XML file. Specifically in the DocumentProperties, OfficeDocumentSettings and Workbook declarations. It now exactly conforms to the order saved by the latest version of Excel v16 in Office 365 (we also tested on Excel 2007 version 14). The Styles were changed so that ss:WrapText="1" appears in every style declaration to address the multiline cell problem. More on XML in the next topic.

Several other things were fixed, SQLite and the database were updated.

NetScanTools Pro 11.90.1 Released Sept 19, 2019

This release fixes some issues with the database that results are automatically saved to and it improves the operation of some tools.

Windows 10 security changes – notably Controlled Folder Access which is part of Windows Security Ransomware Protection – was preventing our access to the results database. That database has always been located in the Documents folder. Users would see the SQLite error message SQLITE_CANTOPEN(14). Users would have to whitelist/exclude the NetScanTools Pro application so that we can read/write the

documents folder. While I understand their intent, Microsoft makes it very difficult for small developers – NetScanTools Pro is not in their automatically approved software list. We moved the default location to
C:\Users\%username%\AppData\Roaming\NWPS\NetScanToolsPro

Both ARP Scanner and the related tool Duplicate IP Scanner now let you define how many ARP packets to send to each IP address. It now defaults to 3 where it was 1 in the past. This gives a better chance for each target IP to respond in a timely manner to the ARP packets.

PingTrend now has better axis labeling and the list of dropped packets can be exported to a CSV text file.

Click on Help menu/Check for Update to get the latest version – however, you must have an active maintenance plan to get this new version. USB version users will be downloading a patch – follow the directions carefully. Installed version users will be installing over the top of their current installed version.

Contact Information

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