NetScanTools® Pro
Monthly Newsletter
www.netscantools.com

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News...

From the Editor...

It's pretty hot here this week – not like the rest of the country but for the Pacific Northwest, 86F is hot enough for July 26.

-Kirk

Minor NetScanTools Pro Release Coming Soon

This release should happen soon. Changes currently added include a way to eliminate the port scanner TCP Connect Reject messages from the reports. Another important change is in Network Connection Endpoints – there is a new right click option to end the selected process by task name.

Many minor changes were required for this release and I am almost finished going through all the 'launched' apps. For example, the Packet Capture app now shows progress as the main results grid is filled from either a capture or previously saved file. Passive Discovery now saves received traffic data to a memory database instead of a file database. This greatly increases the speed in a busy network.

Many of these changes have been made with version 12 in mind. Some changes have been necessitated by the 3rd party source package we use for some of the graphics.

NetScanTools Pro 12 Roadmap

Once we get the Windows 11 development computer operational, work will begin on version 12. Changes we have in mind (updated with a possible list of tools):

1. Back when we changed from v10 to v11, several people told us they missed the tree format tool selector. The tree is coming back, with a twist – there will be a search bar at the top. For example, if you are looking for the ping based tools, you would type ping in the search box and all tools with 'ping' in the title would appear and the other tools would disappear.
2. **Some legacy tools are being considered for removal.** Current candidates: Cache Forensics/Protected Storage Viewer, Finger, Network Shares – SMB, OS Fingerprinting, RFC Reference Library, *nix RPC Info, Simple Services, TTCP. Comments?
3. Some integrated tools may become 'launched' for easier maintenance (separate applications).
4. New tools will be added.

NOW is the time for suggestions and comments. Send them to support at netscantools.com.

Managed Switch Port Mapping Tool v2.86.4 released April 15, 2022

This release directly addresses the Support Issue below which was also featured in our March newsletter. After installation (or upgrade) the software checks both the BulkReps value and the Timeout value. If either (or both) are found to be outside the currently recommended defaults, you are given the opportunity to change them to the defaults. In the case of BulkReps the original default was 32 for many releases and it was eventually reduced to 8. It was recently reduced to 4 which is the current default. BulkReps only applies to SNMPv2c and SNMPv3. It helps reduce the bandwidth of SNMP queries and responses by combining multiple responses into one per query. This is a big help when a table or other similar data is being retrieved. If BulkReps is zero then only one data point response per query is returned.

Timeout default was changed from 3 seconds to 5 seconds. This may help 'busier' switches have more time to respond to Switch Port Mapper queries. The only drawback is that if the switch has many 'timed out' responses to queries, it will take longer to complete the mapping.

If you have the 'installed' version, click on Help/Check for Update. Download and install the latest trial over your current version. If you have the USB version, click on Help/Check for Update to download the patch. Exit the software and run the patch.

Changes in this release:

-Added checking of current switch and other device SNMP communication settings. This test occurs only once right on start-up of a upgraded installation. Any instances of BulkReps (SNMP v2c/3) or Timeout values that are not in line with the current defaults are noted. The user is then prompted to optionally change the values to the new defaults.
-Updated MAC address/Manufacturer database.
-Updated SQLite to version 3.38.2

GA no longer used

Due to ongoing worldwide privacy issues we have decided to remove Google Analytics code from our websites.

Contact Information

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

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