

NetScanTools® Pro



Monthly Newsletter

www.netscantools.com

November 2015

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In this newsletter:

News

- **NetScanTools Pro 11.73 released November 14, 2015**
- **Switch Port Mapper Tip: How to setup SNMPv3 in a Cisco switch**
- **New Videos: How to use the Managed Switch Port Mapping Tool**
- **Managed Switch Port Mapping Tool 2.55 released September 4, 2015**
- **Managed Switch Port Mapping Tool 2.54 released September 1, 2015**
- **Are you looking for a NetScanTools Pro Installation File?**
- **NetScanTools Products and Windows 10**

News...

From the Editor...

To those in the USA: Happy Thanksgiving!

-Kirk

NetScanTools Pro 11.73 released November 14, 2015

This version has several improvements in the SSL Certificate Scanner and a fix to the Managed Switch Port Mapping Tool launcher.

NetScanTools Pro 11.73 has a number of changes to the SSL Certificate Scanner. One important change is how to handle 'out-of-range' certificate start or end dates. A user had some self signed certificates from a hardware vendor that started with a date in 1950 – that's right, before transistors. Anyway, if the date is prior to Jan 1, 1970 or later than Dec 31, 3000, it will trap it and not crash. At the user's suggestion we also highlight the expiration date cell in yellow if it is within 60 days of the expiration date.

Another user pointed out that the Managed Switch Port Mapping Tool Launcher did not work right. That was because of a change made to the Switch Port Mapper and NetScanTools Pro was not updated. It's now updated and it should launch the Switch Port Mapper as expected.

Please update soon. You will need an active maintenance plan to do so. Click on Help/Check for New Version for the download links to the full installer. USB users are downloading an upgrade patch.

*Speaking of the full installer – save it in a safe place and replace any old versions. We constantly run across users who have reinstalled or moved their software to a new computer and they do so by using an old installer. Sometimes the installer is many, many versions older - so **SAVE the latest one and discard the old ones!***

Changes in v11.73

- Switch Port Mapper Launcher now works correctly.
- SSL Certificate Scanner: It now properly handles 'out-of-date range' certificates. ie. certificates that have a starting date earlier than Jan 1, 1970 and expire later than Dec 31, 3000. Previous versions encountering dates outside this range would crash.
- SSL Certificate Scanner: Fixed a problem with 'untrusted root' displayed - if it encountered this in a certificate, all others below would show the same message even though it was not true.
- SSL Certificate Scanner: Added a timeout trap - if the target does not respond you are given the opportunity to skip it, if you fail to answer it automatically skips in 5 seconds.
- SSL Certificate Scanner: Certificates that are within 60 days of expiring now have the expiration date cell highlighted in yellow.
- Updated SQLite to 3.9.2
- Updated database files.

Switch Port Mapper Tip: How to setup SNMPv3 in a Cisco switch

Setting up SNMPv1 or v2c is a simple one line entry in running-config, but SNMPv3 is entirely a different matter. You have to specify a view, group and users along with passwords, authorization and privilege settings. The settings in the Managed Switch Port Mapping Tool SNMPv3 must exactly match those of the switch.

Rather than go into specifics here, please review this web page on our Switch Port Mapper site:

<http://www.switchportmapper.com/support-mapping-a-cisco-switch-using-snmpv3.htm>

New Videos: How to use the Managed Switch Port Mapping Tool

It has been too long since we published any new videos of the Managed Switch Port Mapping Tool in use, so several were made recently. A few of the titles:

- Switch Port Mapping a Cisco 3750 Switch
- How to change switch IP Address in the Managed Switch Port Mapping Tool
- Managed Switch Port Mapping Tool: How to recall switch settings
- Dealing with an Active Switch Port with no device MAC address showing
- How to Manually Map a Netgear GS724T Network Switch
- Switch Port Mapping a ZyXEL GS1900-16

Please review these Youtube videos on our Switch Port Mapper site:

<http://www.switchportmapper.com/videos.htm>

Managed Switch Port Mapping Tool v2.55 Released September 4, 2015

Version 2.55 was released quickly after 2.54 to clarify some changes in 2.54. If you have suggestions, feel free to contact us.

Download version 2.55 from here:

<http://www.switchportmapper.com/>

Changes in v2.55

- Clarified text on dialog that appears after you change a device IP address in the Device Settings Editor.
- Changed text on left control panel button from Select Group to Select Switch. This button is used to select previously used switches and switch groups. Use it to avoid re-entering switch settings.
- Added a Used Ports section to the web report generated at the end of the switch mapping and to the Switch List Summary Report.

Managed Switch Port Mapping Tool v2.54 Released September 1, 2015

Version 2.54 was released to add some important changes. The changes were primarily in the editors and how the edits are propagated throughout the database. Review History now shows the status of the switch mapping, whether it worked or not. Some of you may have noticed that if you sorted the columns by clicking on the headers, the height of the LLDP and CDP columns was not taken into account – it is now. There are more importing options for importing switch lists and groups.

Changes in v2.54

- A new status column showing success or failure of a switch mapping is now available in the Review History/Available Results listbox.
- Row heights of the CDP and LLDP columns are now taken into account when sorting by clicking on the headers of other columns.
- Improved Device Settings Editor to check for change in IP address and prompt for the action to be taken - add a new device IP or change the existing device IP. Changes to the device IP address are now migrated to all database tables.

- Devices removed using the Device Settings Editor are now also removed from any Switch Lists.
- Device Settings Editor: the Defaults button now clears the IP address and alias text entry boxes.
- Switch Groups can now be imported through the Switch Group Editor or by indicating the group as part of an imported Switch List.
- IP/MAC address pairs discovered as part of the LLDP process are now added to the Combined ARP Table.
- Left Control Panel Switch Info box is now updated when a previous switch mapping is loaded from the history database.
- Updated SQLite to version 3.8.11.1
- Updated MAC address/Manufacturer database.

Are you looking for a NetScanTools Pro installation file?

Specifically, the full version installation file – not the USB version.

It's not on our netscantools.com website – do not download and install the demo version – it cannot be converted into a full version.

There are three ways to get the full 'installed' version:

- Use the backup we asked you to make when you downloaded it in the first place.
- If you have a version of NetScanTools Pro installed and running, click on Help/Check for New Version. An embedded web page will appear with links to the installation file. You will need your Access Credentials to download AND your maintenance plan must be active. The Access Credentials are conveniently shown for you above the embedded window.
- If you do not have a running version or your maintenance plan has expired, please contact support at netscantools dot com for assistance. If your plan is active, we can rapidly set up a new download for you.

NetScanTools Products and Windows 10

All of our products have been tested on Windows 10 in it's various iterations. I have yet tested on the official versions, 32 and 64 bit and all seems OK. The biggest problems were with the WinPcap packet driver. That appears to have stabilized and work is being done to bring WinPcap out of the Windows XP world of NDIS5 to NDIS6. The nmap folks have a beta which seems to work well. Another that works is Win10Pcap – I only tested the first '5001' build and have not checked any subsequent builds. In either case, since these are GNU open source licensed, we will not be including them with our installer rather we will direct you to their download pages. WinPcap is required for NetScanTools Pro and optional for NetScanTools LE.

NetScanTools Pro, NetScanTools LE, NetScanTools Basic, ipPulse and the Managed Switch Port Mapping Tool have all be recently compiled for and tested on Windows 10 technical previews.

Contact Information

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