

NetScanTools® Pro



Monthly Newsletter

www.netscantools.com

March 2016

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News...

From the Editor...

It's a busy time of the year – check out the Standalone SSL Cert Scanner below.

-Kirk

Managed Switch Port Mapping Tool v2.63 Released March 18, 2016

This release improves IEEE 802.3ad LAG reporting. We have always shown this LAG type in the I/F Type column so we added an important feature. If the LAG is active, the ifNames of the physical ports assigned to it are shown immediately following ieee8023adLag(161):fa1, fa3, fa7. These changes only apply if the switch reports that type of port in the Interface Type column, some switches report LAG interfaces as 'ethernet(6)'.

We also enhanced the error message when SNMP times out if the port you have used is not 161 which is the standard SNMP port. It will be more forceful in telling you that you are using the wrong port.

Download version 2.63 from here and install it over the top of your current installed version. USB version users need to use the Help Menu/Check for Update selection to obtain the upgrade patch:

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

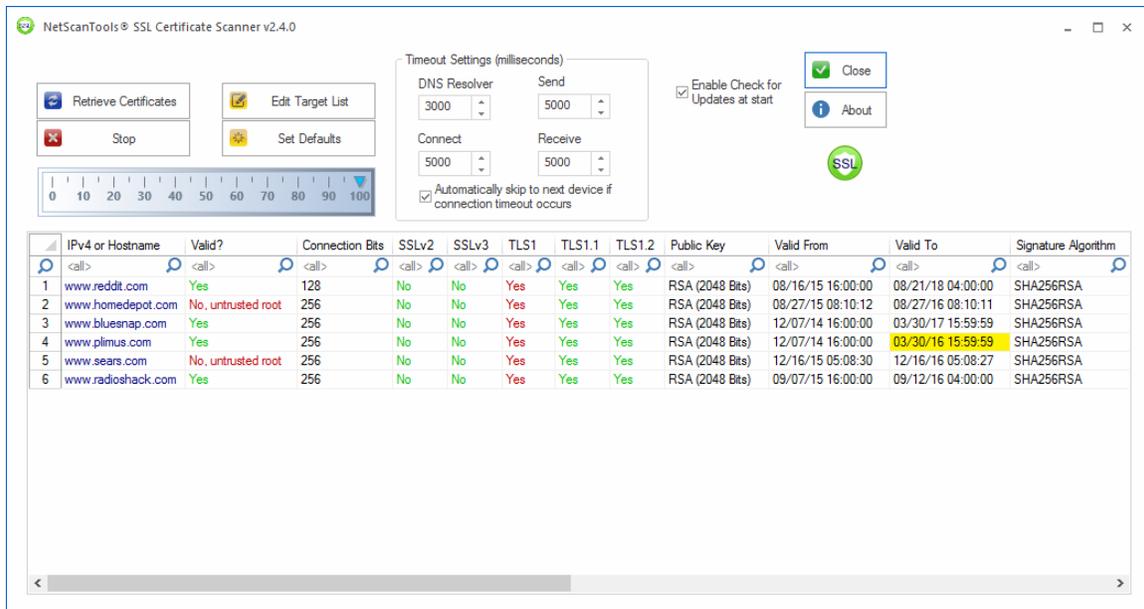
Changes in version 2.63

- Link Aggregation (LAG) ports that appear in the interface type column now show ifNames of ports that are assigned to each LAG interface. A new LAG interface section has also been added to the web page reports both for post-mapping and for reviewing a mapping from the history database.
- LAG and other non-ethernet interfaces are now properly tabulated in the web page report, Switch Interface Analysis section.
- Enhanced the message seen when an SNMP timeout occurs and the port number is not 161.
- Check for new version is no longer done during command line mode even if it is globally enabled.
- Updated SQLite to version 3.11.1
- Updated MAC address/Manufacturer database.
- Code signing now uses both SHA256 and SHA1 for maximum operating system portability.

SSL Certificate Scanner Standalone Version

We've had many requests for a standalone version of the SSL Certificate Scanner that is part of NetScanTools Pro (and will continue to be part of it). A standalone version will be a reality soon – within the next week. Watch the NetScanTools.com main page, our facebook page or twitter for the announcement.

A screenshot is on the next page



New NetScanTools Pro Version Coming Soon

A new minor revision of NetScanTools Pro is almost complete and should be done in the next few days. If you are not on the notification list, please use Help/Check for New Version next week.

How to be notified by email of New Software Releases

We have found that people who do not receive Newsletters or New Version Notifications stay stuck on old versions. Even though our software automatically notifies you when a new version is available, email seems to be a better way of reminding for some people.

I highly recommend signing up for new version notifications for both NetScanTools Pro and the Managed Switch Port Mapping Tool:
<http://www.netscantools.com/thelist/?p=subscribe>

When you order our software online

Let's clear up some confusion about ordering online from our websites. We have partnered with an online order reseller name FastSpring. When you click on an orange Buy Now button or use the purple Add to Cart button, you are using FastSpring. If you complete an order through them, the order number will start with "NOR16xxxx" and the charge on your credit card will have their name in it.

What about the invoice? When you order online through FastSpring, you are not ordering from us, you are ordering through a reseller. This means the invoice you receive will come from FastSpring. *Where is the invoice?* It is linked in the very first email you receive from FastSpring acknowledging the order.

What about Paypal? FastSpring accepts Paypal and so do we. We accept it for NetScanTools Pro Maintenance Plan renewals and if you request us to generate and email a Paypal Invoice. If you use Paypal with FastSpring, then FastSpring is the seller and they will generate the invoice. If you use Paypal with Northwest Performance Software, then we are the seller and the invoice will come from us.

Code Signing – SHA1 and SHA256

Managed Switch Port Mapper v2.61 was the first release to support double code signing. What are we talking about? The older SHA1 signing algorithm is weak, so effective Jan 1, 2016, Microsoft began (or maybe put off again) enforcing the requirement that installations be code signed with SHA256. V2.61 is signed with both SHA1 to support older operating systems and SHA256 for Windows 10. The installer and the executables are both signed this way. NetScanTools Pro will also be signed that way on the next release. To see what we are talking about, right click on spmap262.exe and select Properties, then look at the Digital Signatures tab. We also added double signing to the NetScanTools Pro demo and will be adding it to all products soon.

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.

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

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

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