NetScanTools® Pro
Monthly Newsletter
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News...

From the Editor...

I hope you are all well. Covid is running rampant in our community but so far I have tested negative.

-Kirk

Managed Switch Port Mapping Tool 2.85.1 Released Nov 25, 2020

This release of the switch port mapper has some fixes suggested by users and improves on the Ping Sweep bulk range import feature introduced in 2.85.

Cisco Small Business switches – when in 'stacked' mode – report all possible switches that could be in the stack even if they are not present. What this means is that it reports all the data (and rows) as if 8 switches were stacked even if you only have 2 or 3 in your stack. There are other switches that also do similar things, so

what we did at a customer's suggestion, was to offer an option in the right click menu to remove the interfaces (rows) that are not really there.

To use the new option, right click in the results after mapping a switch. Then click on "Remove rows marked 'I/F not present'". It will remove the rows with that text in the Status column.

Another user reported problems launching PuTTY, so fixes were implemented to launch both the 64- and 32-bit implementations of both PuTTY and ExtraPuTTY.

In 2.85 we added a way to add Ping Sweep ranges to more than one switch at a time without having to load each switch and use the Ping Sweep Range editor. The changes made in this release are to warn the user if the imported text file is not either ANSI (ascii text) or UTF-8. The parser expects single byte characters rather than multibyte. The other thing that was done was to improve the error reporting if formatting errors are detected. If they are detected, a note is made and the import continues. When it is complete, the user is shown the list of errors.

To upgrade an 'installed' version, download the trial and install over the top. The trial can be found at https://www.switchportmapper.com/download.htm

The USB version patch will be ready early in the week of Nov 30.

Changes in 2.85.1:

-Added new right click in results option to 'Remove rows marked with I/F not present'.

-Added checks to warn users that Unicode text files cannot be imported and need to be saved as ANSI or UTF-8.

-Improved file format error reporting for new Ping Sweep range import feature.

-Fixed Global Settings buttons for locating and presetting the Putty and ExtraPutty applications to accommodate both 32 and 64 versions of those apps. Links to obtaining those apps have been updated.

-Updated MAC address/Manufacturer database.

The NetScanTools Pro Registration Server Died

On Nov 15 I came into the office and smelled burned electronics. I noticed the registration server monitor showing the system rebooted to bios but not operating in Windows Server. I opened it up and this is what I found.
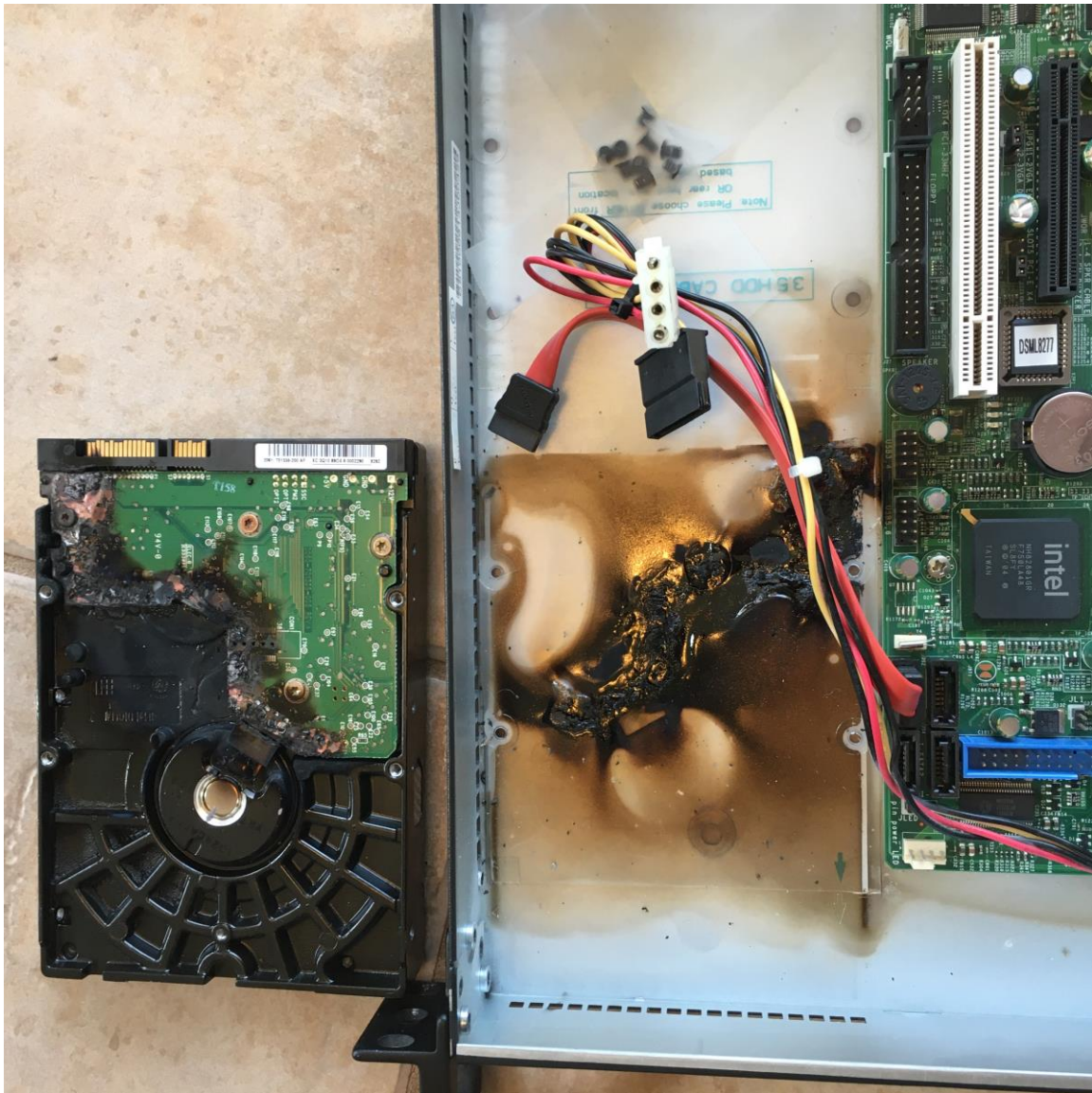
The hard drive (an old 2008 Western Digital) had shorted out somehow. You can see the power burn going from the connector to the motor. If you notice, the plastic keeping the hard drive safe from the chassis caught fire but the whole server did not catch fire. I was incredibly lucky. This was an old SuperMicro rack mount. The strange thing is the computer still works and the power supply is producing the correct voltages. But I do not trust it, so…

I have ordered a new Dell T140 and it should be here soon. I hope to get the server operational again sometime during the week of Nov 30.

In the meantime, if you must register NetScanTools Pro, please click on either the "Register Online at NetScanTools.com" button on the internal registration form or use the Help menu/Register Software option. You will be registering on a form – the process will be entirely manual, so please be patient.

NetScanTools Pro 11.91.2 released Sept 2, 2020

This release updated the SSL Certificate Scanner tool to match the standalone release 2.71. We also fixed a long-standing problem with the Packet Generator and the ARP Scanner tools.

The SSL Certificate Scanner changes were the same as for the standalone version. The problem with Packet Generator was with scripting, specifically WINPCAP_INTERFACE_IPFOUR=a.b.c.d – when using the software on a computer with multiple interfaces, it allows you to specify the interface. It was not working correctly before and now it has been fixed.

ARP Scanner now correctly sorts by IP address when it is done scanning. SQLite and the databases have been updated.

To obtain this new NetScanTools Pro version you must have an active maintenance plan. Click on Help menu/Check for New Version, then locate a link in the embedded web page. Click on it to open your default browser, enter your access credentials to download the new full installer. Exit NetScanTools Pro and run the installer to update the software to 11.91.2.

Changes in 11.91.2:

-SSL Cert Scanner - Added tests and checkbox display for supported SSL/TLS client protocols. If a supported protocol is not active, it can be temporarily activated for testing. SSLv2 and SSLv3 are no longer supported by Windows 10 2004 release. Earlier versions of Windows may support all versions of SSL/TLS. Unsupported protocols or disabled protocols are labeled with 'Skipped' in the results columns.

-SSL Cert Scanner - Added ability to enter and save to the results database several entries of the same target with different ports. Useful if a target has an SSL web server running on more than one port.

-SSL Cert Scanner - Corrected problem where key length, public key and version were being saved incorrectly to the database.

-SSL Cert Scanner - Expanded 'Invalid Date' message to show the date and time even though they are out of range ie. greater than year 2045.

-SSL Cert Scanner - Improved TLS 1.0/1.1/1.2 error messaging.

-Packet Generator - The previous directory used when opening a script is now remembered between sessions.

-Packet Generator - The command WINPCAP_INTERFACE_IPFOUR=a.b.c.d now works correctly.

-Registration Window - More messages were added to remind users to use the Register Online at NetScanTools.com button if the built-in registration method does not work correctly.

-ARP Scanner - Initial sort order by IPv4 address is now correct.

-Updated SQLite to version 3.33.0

-Updated MAC address/Manufacturer database.

-Updated IP to Country database.

Contact Information

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

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