

# NetScanTools® Pro



## Monthly Newsletter

www.netscantools.com

### August 2021

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## News...

### From the Editor...

Summer is over. Have a great September and stay safe!  
-Kirk

### NetScanTools Pro Licensees Please Do This ASAP

**Please click on Help menu/Preferences. Please check the box to force the software to Launch Web Browser Separately as shown below**

Web Browser used for Reports

Set Web Browser	<input checked="" type="checkbox"/> Launch Web Browser Separately (no embedded browser windows)
Use Default Web Browser	

**Why are we asking you to do this?** The embedded windows in NetScanTools Pro use Internet Explorer and IE is being removed from Windows 10 soon. See also the topic "Help! I forgot my NetScanTools Pro Update Username and Password" below.

## Managed Switch Port Mapping Tool 2.86.1 to be released Sept 1, 2021

**By the time you read this the 'installed' version should be ready. There is one important fix and one minor change.**

The **important fix** is to the VLAN column when you map a Cisco® IOS switch. In previous versions we may have missed reporting some VLANs and the formatting in the column was not consistent. This was a long-standing issue that went back to version 1.x and thanks to Marc H. for working with me to track it down.

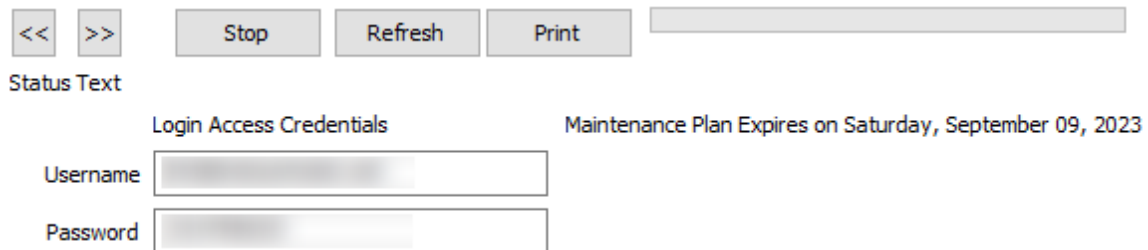
The **minor fix** is enhanced error reporting in the Ping Sweep Range Editor/Bulk Import Ips+Ranges. Pay close attention to the column formatting of the input text file. The file should also be saved as ANSI/ASCII instead of UTF.

Upgrading to this version is recommended especially if you work with Cisco switches. Use Help menu/Check for Update.

## Help! I forgot my NetScanTools Pro Update Username and Password

**You do not have to remember it and we cannot reset it.**

**Click on Help menu/Check for New Version. Then look in the software right below the buttons – if you registered AND you applied the registration email contents, your Login Access Credentials are shown in these boxes.**



The screenshot shows a software interface with a top navigation bar containing buttons for navigation (left and right arrows), 'Stop', 'Refresh', and 'Print', followed by a long empty text field. Below this is a 'Status Text' section. On the left, under the heading 'Login Access Credentials', there are two input fields: 'Username' and 'Password'. On the right, under the heading 'Maintenance Plan Expires on Saturday, September 09, 2023', there is a corresponding text field.

**How to get a NetScanTools Pro update:** click on the help menu, then on Check for New Version. In the main right-side area (or your web browser will launch) you will see an embedded web page with either a discussion of the current version and download links to the full install or the USB version patch. You may also see a web page saying your maintenance plan has expired. If you have not registered, you will see a web page explaining that you need to register. You must register and have an active maintenance plan to download NetScanTools Pro updates.

## **NetScanTools Pro 11.92.1 Released August 11, 2021**

**NetScanTools Pro release 11.92.1 is ready for download if you have a current active maintenance plan. Most changes are in the DNS Tools.**

These are the changes in this new version:

-More forceful warning messages about trying to import a UNICODE file format text file.

-Improved internal DNS resolver parsing to ignore extra 'additional record type OPT' data added by some Wifi routers.

-DNS Tools Core/Get Basic DNS Records: Better parsing of longer DNS TXT records. Minor changes to be sure A and AAAA records are reported correctly.

-DNS Tools Core/DiG +trace: Fixed output and made it work under both UDP and TCP DNS queries.

-DNS Tools Advanced/SPF-DKIM-DMARC: Better parsing of longer DNS TXT records now shows whole key.

-ARP Scanner, Duplicate IP Scanner, ARP Ping: Window text changed to better emphasize this tool only works on the current subnet.

-Updated SQLite to version 3.36.0

-Updated MAC address/Manufacturer database.

-Updated IP to Country database.

## **ARP Scanner, ARP Ping and Duplicate IP Scanner Reminder**

**Remember: ARP is not routed so if you need to use the ARP Scanner, ARP Ping or the Duplicate IP Scanner on a subnet that your computer is not currently connected to, you will need to move your computer to that subnet.**

## **Warning about importing text files**

**Both NetScanTools Pro and the Managed Switch Port Mapping Tool can accept text files for things like target lists or ARP tables.** But not just any text file – the file format must be simple ANSI or UTF-8. Why? Because other 'unicode' formats like UTF-16 store each character in two bytes instead of one byte. The file import parser expects to see one byte per character. Both apps test the import file to see if it appears to be non-ANSI/UTF-8 and you will see a warning. If you ignore the warning and process the app might crash.

For example, if you export to CSV from Excel, you may be getting UTF-16. The simple way to fix it is to open the file in Notepad, then use Save As to resave it as either ANSI or UTF-8.

## Contact Information

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

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