

# NetScanTools® Pro



## Monthly Newsletter

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#### News

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## News...

### From the Editor...

I am working on NetScanTools Pro right now. It will be finished very soon.

-Kirk

### Upcoming NetScanTools Pro Release Details

**NetScanTools Pro release 11.92 is coming soon.** It has significant changes to the SPF records checking tool in DNS Tools -Advanced. It has now been renamed SPF/DKIM/DMARC after the type of records it retrieves. Here is an example using Microsoft.com:

```
[Start Query]
SPF/DKIM/DMARC
Starting Timestamp: 04/29/21 11:31:07
Source DNS: 9.9.9.9
Target: microsoft.com
```

```
microsoft.com domain TXT record.
TXT Record: docusign=52998482-393d-46f7-95d4-15ac6509bfdd
```

```
DMARC _dmarc.microsoft.com TXT record
DMARC Record: v=DMARC1; p=reject; pct=100; rua=mailto:d@rua.agari.com;
ruf=mailto:d@ruf.agari.com; fo=1

DKIM _domainkey.microsoft.com TXT record.
-No DKIM TXT records were found.

DKIM default._domainkey.microsoft.com TXT record.
DNS Reply Code: No Such DNS Record.

DKIM dkim._domainkey.microsoft.com TXT record.
DNS Reply Code: No Such DNS Record.

Skipped DKIM CustomSelector._domainkey.microsoft.com TXT record - see s= entry
in DKIM-Signature of email header.

Microsoft Exchange® selector1._domainkey.microsoft.com TXT record
DNS Reply Code (TXT): No Such DNS Record.
Selector1 CNAME Record: selector1-microsoft-
com._domainkey.microsoft.onmicrosoft.com

Microsoft Exchange® selector2._domainkey.microsoft.com TXT record
Selector2 CNAME Record: selector2-microsoft-
com._domainkey.microsoft.onmicrosoft.com
Selector2 TXT Record: v=DKIM1; k=rsa;
p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQCPkb8bu8RGWeJGk3hJrouZXIdZ+HTp/azRp8IUO
Hp5wKvPUAi/54PwuLscUjRk4Rh3hjIkMpKRfJjXpXWbrT7eMLric7f/S0h+qF4aqIiQqHFCDAYfMnN6
V3Wbke2U5EGm0H/cAUykaf2AtuHJ/rdY/EXaldAm00PgT9QQMez66QIDAQAB;

DKIM s1._domainkey.microsoft.com TXT record
s1 CNAME Record: s1.domainkey.ul8338327.wl078.sendgrid.net
s1 TXT Record: k=rsa; t=s;
p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDDezPagvCxr07T6X1lSFM8pei/XwkjHh1255Y8
oE+8PF0VuGkktkVvKYClMci9tvwIkC3D0K2pg6fbT7J1j3lspU61yl/RI9P4iWkXNhMCP90r7Y3B+sFy
wfy9qn377WTyCu20YDS/WJ75y7Y4KIgF60kDbkV4g52yO+sFabAocwIDAQAB

DKIM s2._domainkey.microsoft.com TXT record
s2 CNAME Record: s2.domainkey.ul8338327.wl078.sendgrid.net
s2 TXT Record: k=rsa; t=s;
p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDEsnmfv7PhDYhcRt6mYBt13mNOKPuT7oeycBDoI
aWs/+FDABQJw/TMRDWGLY+EOs5aTwnhbH3imZ88sobJGYPW1UQw+AQa/oV1S03wu62sGAd2oKlHoVGq
fFvzeZTOu9Fm8GVfN/MOqhW8Br+YWp8XQJ42lPQ7g24OmQvS4dq63QIDAQAB

Automatic Certificate Management Environment _acme-challenge.microsoft.com TXT
record
DNS Reply Code (TXT): No Such DNS Record.
-No ACME TXT records were found.

[End Query]
```

As you can see there are several new DNS records it retrieves. The most common DKIM records are retrieved.

In the Duplicate Ip Detection Tool we tried to make it clearer that unless there is a 'local' route to the IP addresses on the same subnet, you cannot find duplicates outside your subnet. This is because we are using ARP packets.

We added Export to XML (spreadsheet schema) for most parts of the software that use grid-based results. The new option is found in the right click menu adjacent to

the save to disk options already found in the menu. The XML files can be directly opened in Microsoft Excel.

## **SSL Certificate Scanner Standalone 2.72 released April 16, 2021**

**This release emphasizes the expected use of the software.** This tool can only be used to retrieve SSL Certificates from web servers – nothing else. We added a check for port numbers in the editor. If you use a non-standard port number, you will be warned that you should only be using it with web servers. It cannot retrieve certificates from other types of servers like mail servers.

Software dates and SQLite were updated.

These changes will be rolled into the same software that is a part of NetScanTools Pro.

## **Managed Switch Port Mapping Tool 2.85.4 release March 2, 2021**

**Yes, it was released to fix an obscure XML file save problem.**

After the release of 2.85.3, a user said it was hanging up when saving the XML files from the right click menu. This was tracked down to the saving of XML files to UNC path drives. Even though the share permissions were fine, there was a problem when the saving procedure completed effectively hanging up the Switch Port Mapper. This was tracked down to a missing flag in the 'CreateFile' function call. By adding in the flag, the problem went away. It is actually an SMB communications issue.

So this will be another small but important release – especially if you need to save to UNC path shares. Look for it the first week of March.

If you have a licensed copy, please use Help menu/Check for Update. Others can visit [SwitchPortMapper.com](http://SwitchPortMapper.com) to download the latest trial version.

## **How to Get NetScanTools Pro Updates**

**NetScanTools Pro:** 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 or 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.

## Contact Information

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

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