# Remote Diagnostics Tool (RDT)

### **Overview:**

Desktop Administrators and Helpdesk staff will benefit from using this tool. No Installation is required. Free fully functional Product.

This remote diagnostics tool (RDT) was designed and written to aid in the diagnostics and overall investigation of a remote PC whilst it is on a corporate network, without interrupting the user in their daily work.

The tool was originally designed as a replacement to a few different well-known script tools like the "SCCM Client tools" and "Dameware" as we were not allowed to use them on the corporate network anymore. "They were too intrusive" and not secure enough!

The aim of interrogating information from the PC like: SCCM execution reports and Installed software lists was the main key but the tool seems to have grown much larger than first anticipated and it now does many other helpful functions as they were requested by people over the years.

Please make sure you are allowed to use this tool on your domain and have read this help file and the disclaimer at the bottom of this file thoroughly before continuing!

This tool Encrypts every "Windows management connection" it makes with packet.privacy and every "Powershell connection" it makes, so your "Admin Credentials" stay safe across the network.

This tool was written in VB.Net which requires .NET 4.0 to be on the running Administrators PC (or server) where the tool is being run from. Windows 8/10/11 or Server 2012/2016/2019 has this by default. This tool supports Microsoft Windows OS only.

Any feedback good or bad welcome: Please email <a href="mailto:RemoteDiagnosticsTool@outlook.com">RemoteDiagnosticsTool@outlook.com</a>. Improvements and refinements are always being made. Please check the web for a copy of the latest version which may just have the fix or added information you requested already.

**Donations Welcome Via Paypal:** We can accept Visa / Mastercard etc...

Thank you for your support. I hope this tool aids your daily remote working and Administration tasks.

#### **Main tool functions:**

The tool has been split into many tabs and buttons to ease use of functions as can be seen when launched.

When you launch this tool you will be defaulted to the Main screen once you have entered your required domain login details.

Main connection screen for Adding / Removing / Pinging / Connecting to a PC ...... and to be able to interrogate it. (Right Click in left panel)

- = Pinged Online.
- = Not Pingable.
- = Resolved IP via DNS and connected to retrieve logged on Users and PC name compare check.
- = Resolved IP via DNS but failed to connect to WMI or PC
- = Not Resolved IP via DNS
- Change your connecting username and password and domain information.
- Force a restart of the remote PC.
- Open the \\ Remote PC \ C\$ drive in one click.
- Check the Antivirus version and status of the remote PC.
- Defrag the remote PC C Drive.
- Open the Eventlog of the remote PC.
- Gather information about Microsoft's APP-V client if installed on the remote PC, Version 4.x and 5.x
- Connect to Microsoft's built in "Manage Computer" settings of the remote PC.
- Open the Microsoft "registry editor" so you can connect to the remote PC registry.
- NLTest what logon server the Remote PC used at logon.
- NSLookup machine IP addresses list (Sometimes laptops and tablets have multiple) you can use the IP to connect too.
- Connect to a Microsoft "PowerShell session" on the remote PC.
- RDT registry Editor, Shows HKLM and HKCU (of the logged-on user selected on the HOME.)
- Run a Microsoft "RDP connection" to the remote PC.

- Etart-up List viewer: gives an overview of all starting actions on the remote PC (Run / Shell / network / print).
- Task Schedule allows you to connect to a remote PC and see what scheduled tasks are setup.
- You Can also run any command specified directly on the remote PC if required. Just enter the command e.g. CMD.EXE /C Del /F /Q C:\temp\\*.\*
- "Shadow Desktop" Button is used to ask a user if you can view their desktop session, so they can show you errors and issues. (MSTSC)

<u>Info</u>

gives general detailed information that used to be displayed.

#### *Interrogates these features:*

• Get basic pc details: (Includes site, Internet Explorer version, JAVA version that is currently plugged into IE, domain, Hardware driver versions for video and network cards, memory and OS values, Etc.

<u>AD</u>

**DISK** 

**DOTNET** 

**Execute** 

Readonly - shows All AD Users and Computers - shows All AD Groups - shows selected Group members.

when connected to a PC via **right-click "connect > "** button, you can use the DISK tab to interrogate further the partitions and what actual disks are installed on the PC. Check what free space is available. In addition, you can choose to move the swap file to the D or E partition if the space is low on c partition. (NOTE: there is no disk space checking done for the swap file move, if you try to move the swap file to the D partition that doesn't exist you could make the machine NON-bootable, use with caution!)

Once connected to a PC via right-click "connect > " button, you can use the .NET tab to list any "DotNET Core" or "DotNET Framework" versions installed on the PC.

Use this tab to connect to a server share and install (or remove) a package. There are 2 methods that can be used on this tab. 1) Powershell run without a drive letter needed. Copies file to machine (Robocopy) then runs the install locally.

2) Powershell run with a drive letter of choice. Copies file locally (WMI) and then installs locally.

(Setup.exe /s) or package script (install.bat) or (mytestscript.vbs) or (msiexec.exe xxxx.msi /qn) etc can be used.

NOTE: The A: drive mapping is used here by default (can be changed) while it performs the actions.

Please wait for the install / remove to happen, a visible indicator runs whilst these actions are performed.

Note: User messages and pop-ups will halt the install or removal routines. Make sure there no pauses or pop-up messages in the routines. Make sure the routines are "NOT" user interactive before running them.

Please make sure there is enough disk space for these actions before performing them. Be Warned!

**FType** 

when connected to a PC via right-click "connect > " button, you can use the file types tab to list the machines file types.

**Groups** 

when connected to a PC via **right-click "connect > "** button, you can use the GROUPS tab to list the local groups and add domain groups to local groups / Add local user etc...

**Installed** 

You can use the INSTALLED tab to list the installed software on the PC (same as ADD/REMOVE programs). You can remove selected software from here by the way of a push of a button. Also shows hidden software not listed usually (MSI removal only). Use Install / Remove tab to run package Installs / removals or scripts etc.

**KB-Installed** 

Once connected to a PC via right-click "connect > " button, you can use this tab to list any "other hotfixes" or "Microsoft KB Patches" installed on the PC and when they got there. Uninstall any KB selected (Win7 or newer only).

**KB-Missing** 

Once connected to a PC via right-click "connect > " button, you can use this tab to list any "missing hotfixes" or "Microsoft KB Patches" needed on the PC. This takes a minimum of 2 minute to run so please be patient!

**MBSA** 

Once connected to a PC via right-click "connect > " button, you can use the MBSA tab to run a "Microsoft Baseline Security Analyzer" report to see if the remote computer is missing any security updates for products or the operating system. This is done with the help of the file "Scan-UpdatesOffline.zip" (Available from the RDT website) which contains

the following files: wsusscn2.cab from Microsoft and the modified file Scan-UpdatesOffline.ps1 from Microsoft to work with RDT specifically.

Once connected to a PC via right-click "connect > " button, you can use the MSI List tab to remove a selected MSI.

shows a snapshot in time (via perf counters) of CPU usage of the remote PC. (Note: Click the button to manually refresh the list.)

Profiles Provides details for profiles in use and their sizes. Profile deletion is also available like in AdvancedSystemSettings.

Reboot? Added a reboot detection tab to help see if a reboot is needed on the remove PC.

**SCCM** 

**Services** 

when connected to a PC via right-click "connect > " button, you can use the SCCM tab to find out what SCCM jobs have been run on the remote PC, trigger a "client action task" and many other SCCM tasks including the re-running of an Advert (Machine based or User based).

Execution History provides a list of tried Executions whilst the Advertisements tab provides what packages have been downloaded to the PC. View running SCCM tasks and Client information.

Added SCCM Remote Commands tab to allow remote trigger of the SCCM client inventory tasks. (PowerShell and WMI)

Added SCCM patch KB-missing tab to detect missing SCCM applied patches.

Added SCCM patch KB-Installed tab to detect Installed SCCM applied patches.

when connected to a PC via right-click "connect > " button, you can use the SERVICES tab to start / stop / set to manual / set to automatic and Delete services on the remote PC. (Use caution when using the Delete Services button as this will delete a service permanently).

Task-Manager when connected to a PC, you can use the TASK MANAGER tab to list the processes running on the remote PC (via WMI).

You can also kill a remote process if required. (Handy for looking to see if the user is running word2010 or excel2003)

<u>User</u>

shows the logged on "users" printers, what network drives they have connected and ODBC Connections the user has setup. Also shown is what keyboard layout they are currently using. Select the user via the "User selection on Begin page".

WIM\_3rd\_Party\_Drivers shows the non-Microsoft drivers installed on the remote computer

WIM\_OptionalFeatures shows the Windows OS Features that are currently installed and that they are Enabled or Disabled.

**PXE** 

this is for 1E Nomad and PXE agent diagnostics information.

Print Screen Button this button will take a snapshot of the RDT application screen when clicked. (alt print)

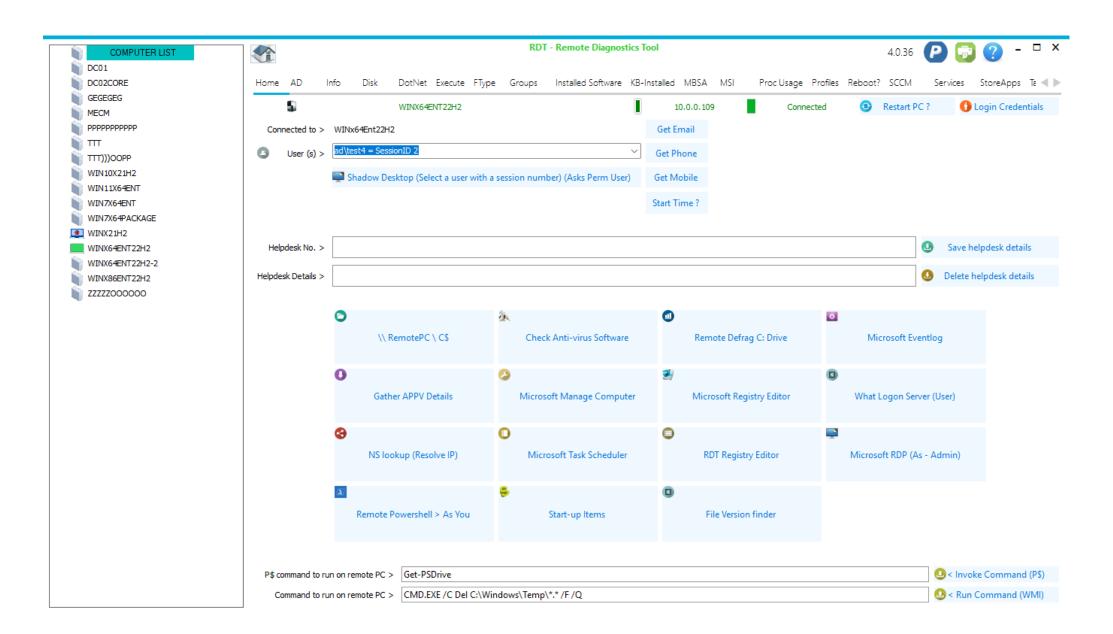
Export to CSV

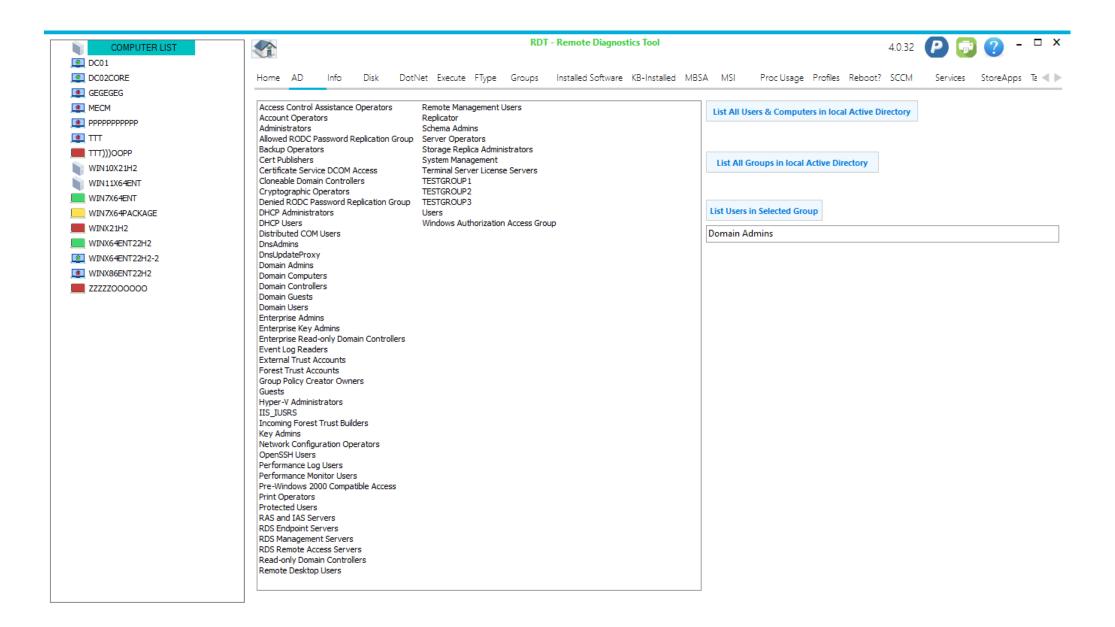
is seen on many pages and can be used to generate an excel export of the tabled information on the page selected. This file is usually saved in a file called %appdata%\export.xls

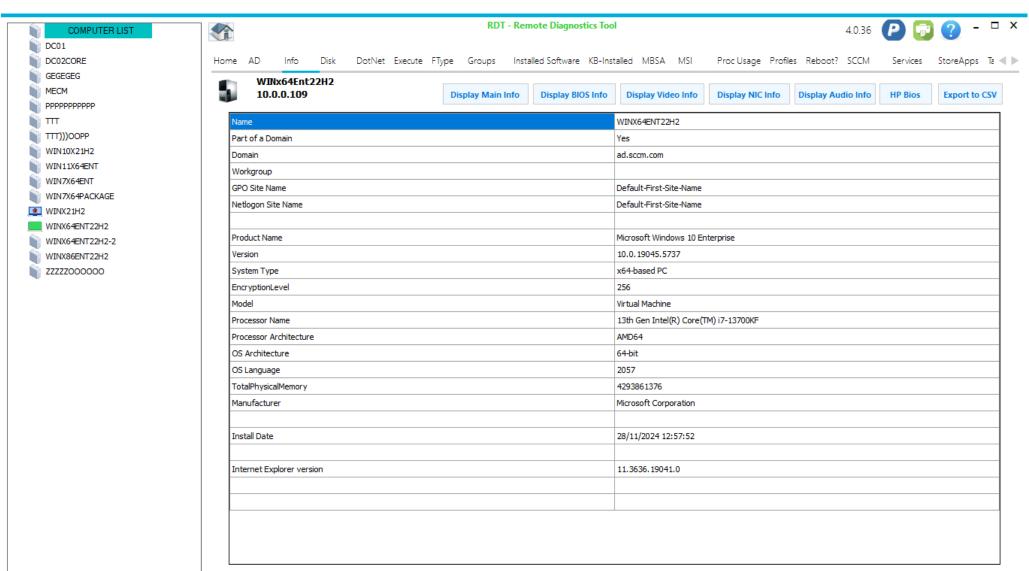
## Example screen shots >

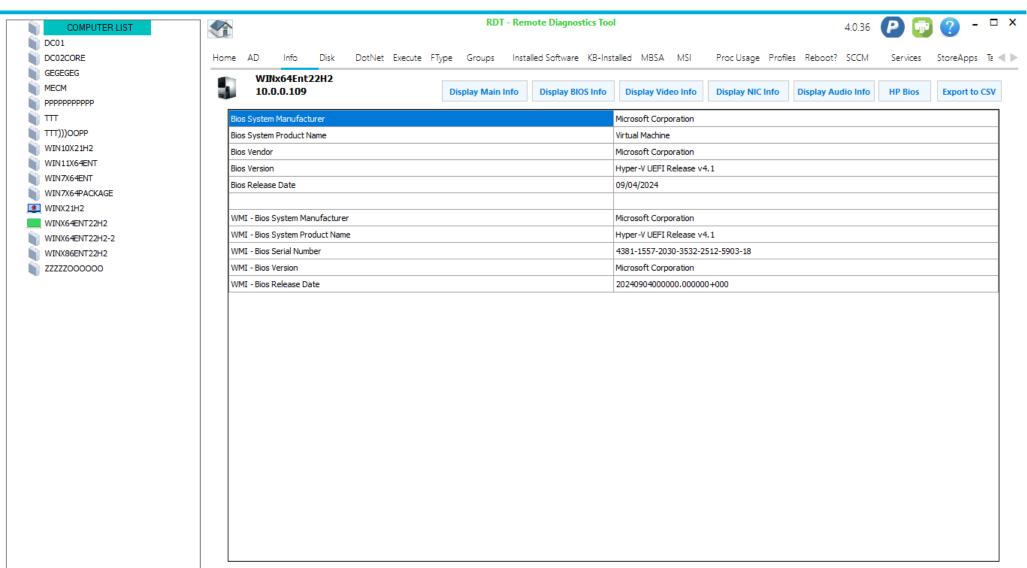
0	Enter your desktop administrator account details o use the tick box to use your current logged on use					
		Use logged on user account credentials				
	USERNAME >					
	PASSWORD >					
	DOMAIN >					
		Enter Application				

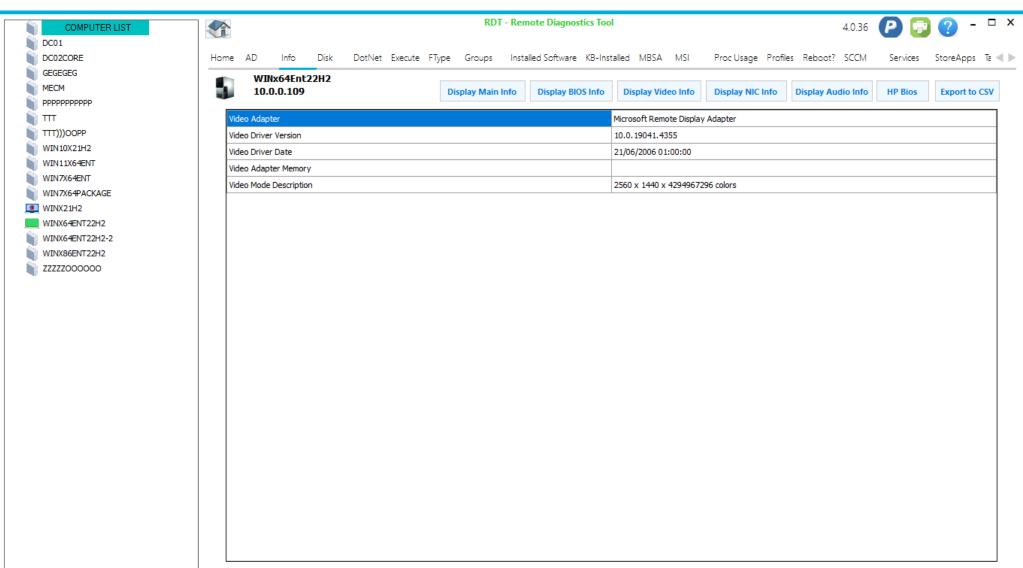
Note: to use the "logged on Users" details tick the box provided at launch.

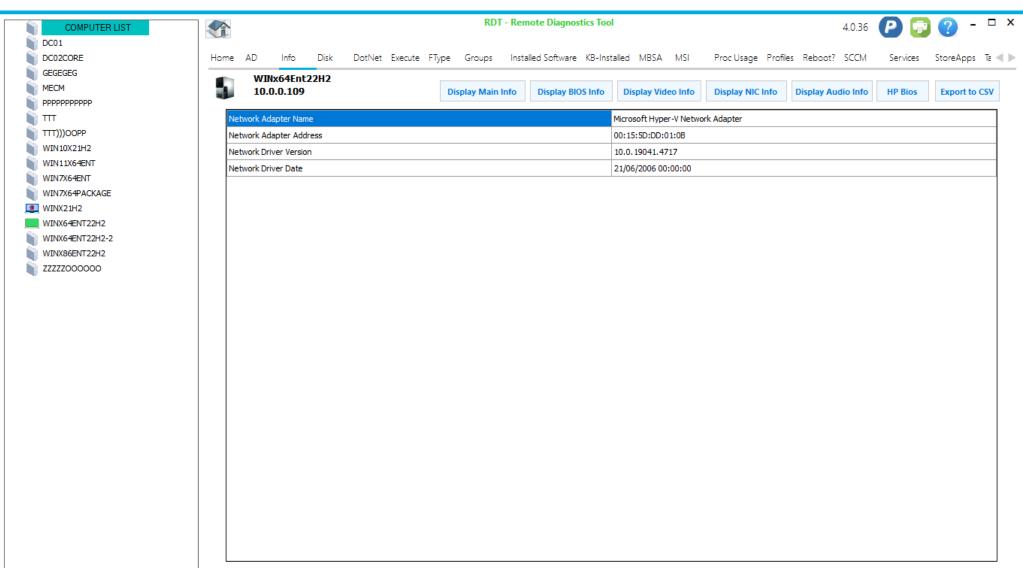


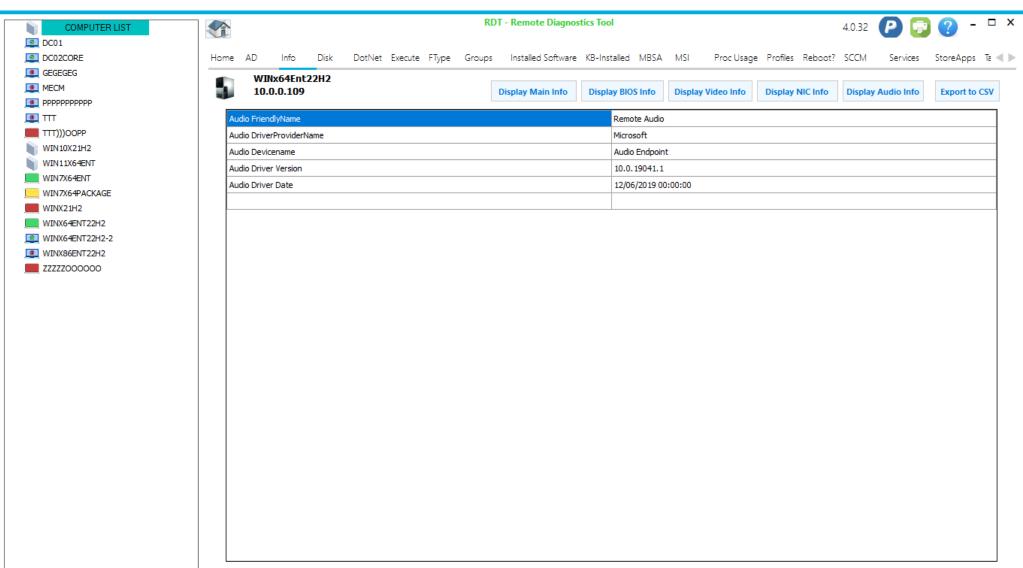


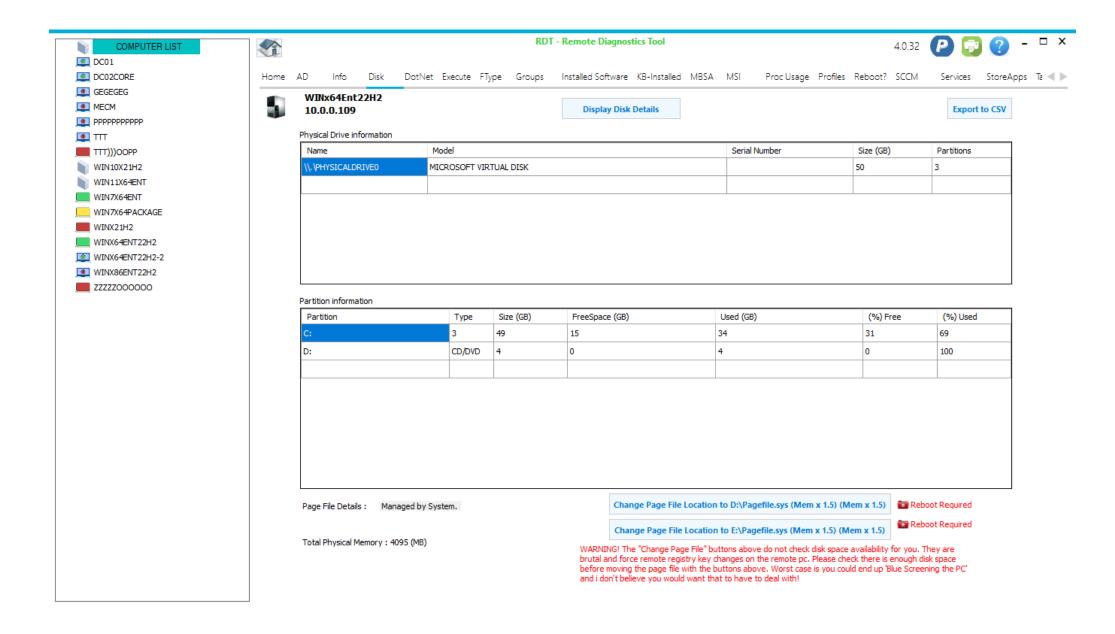


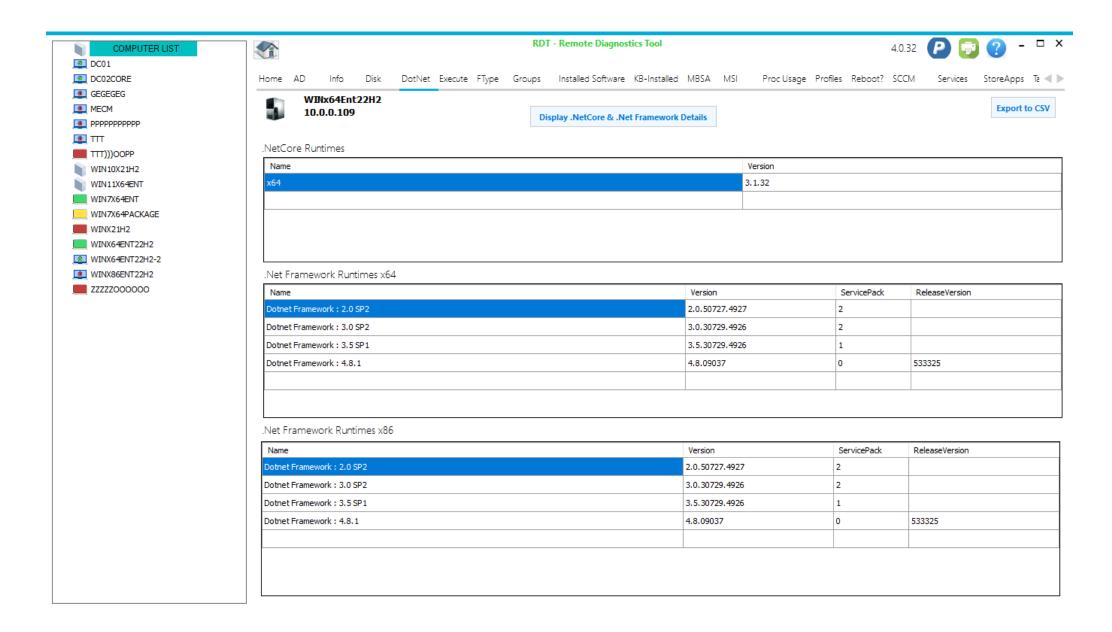


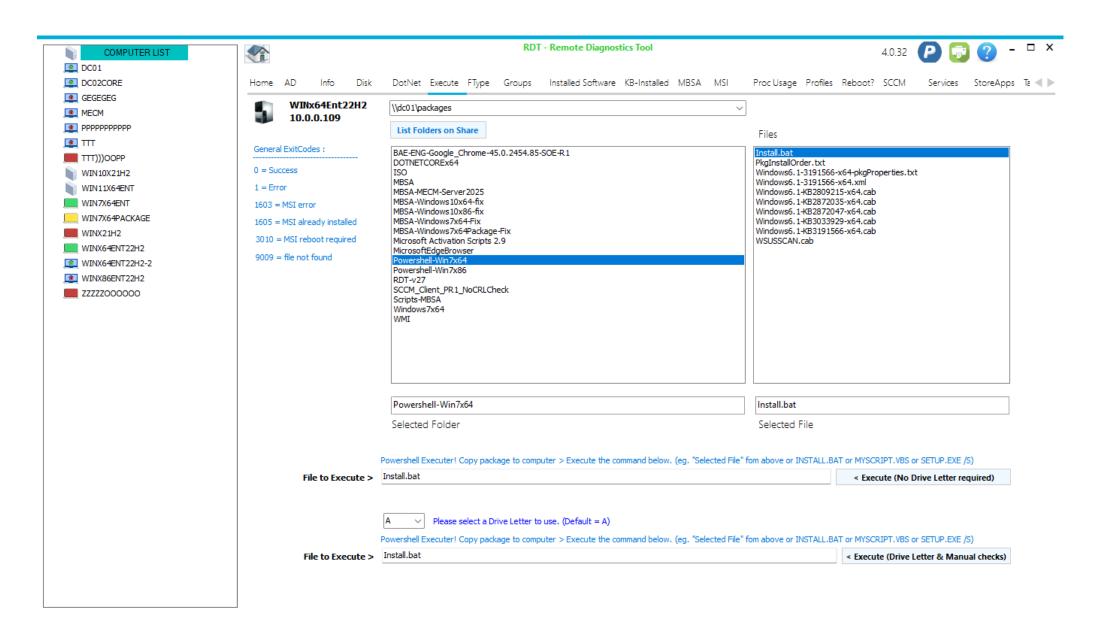


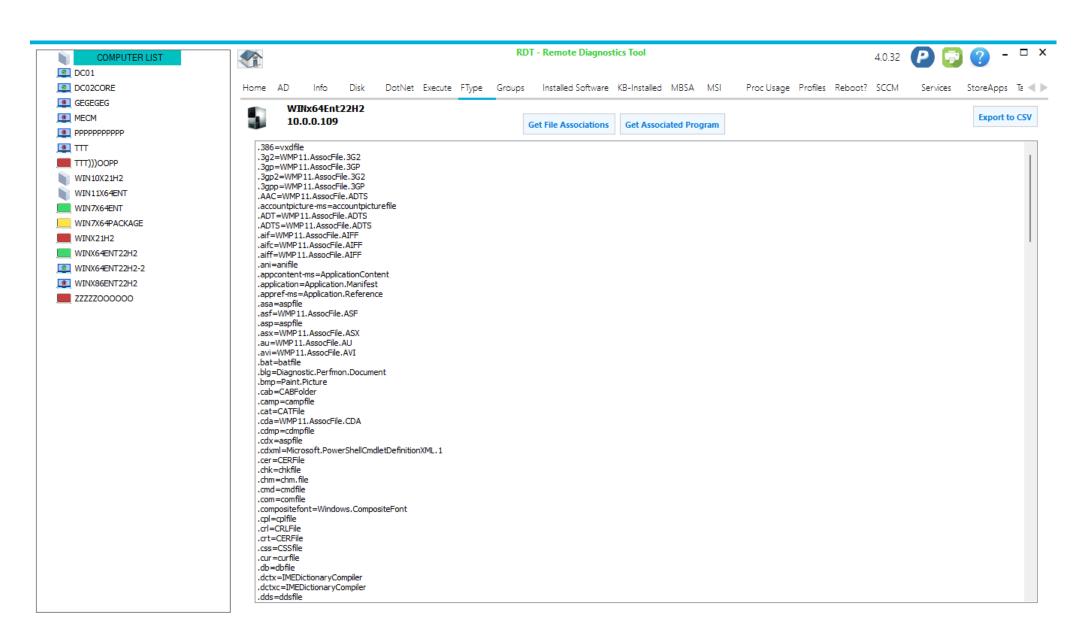


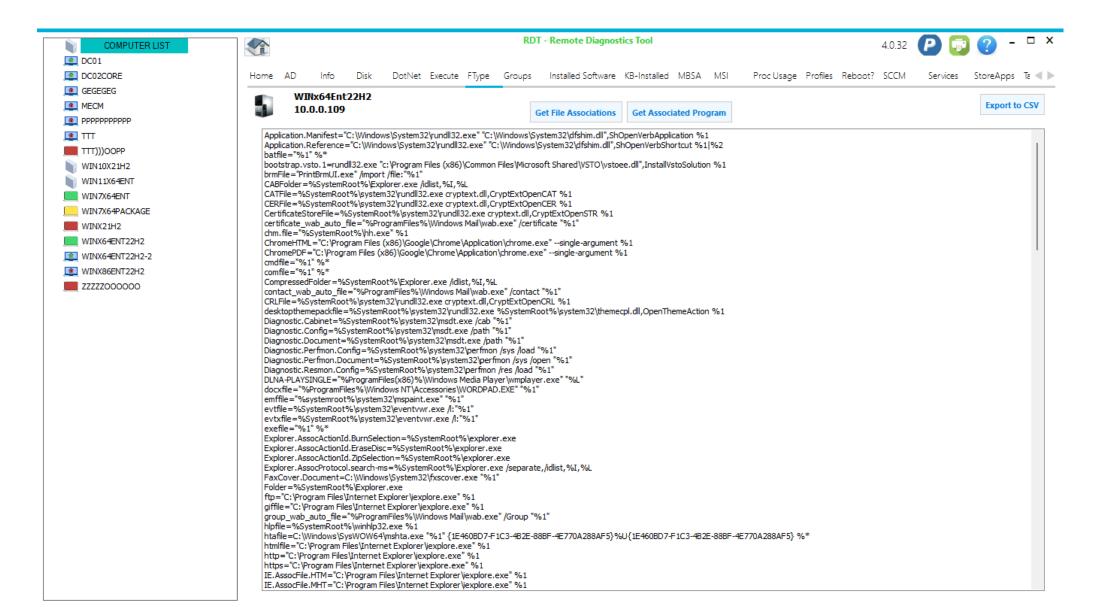


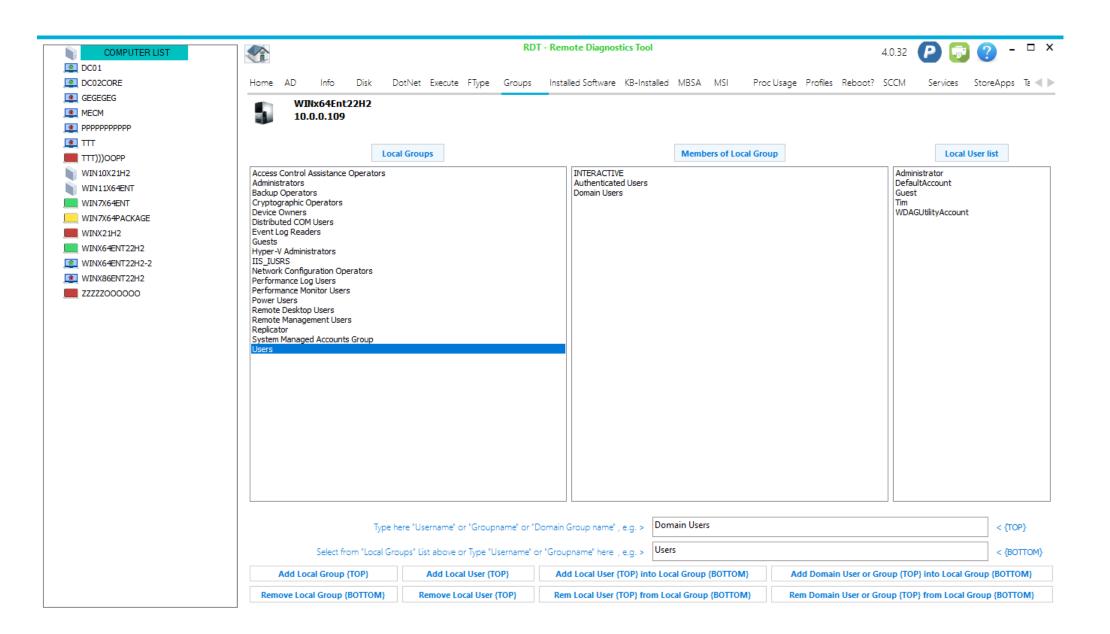




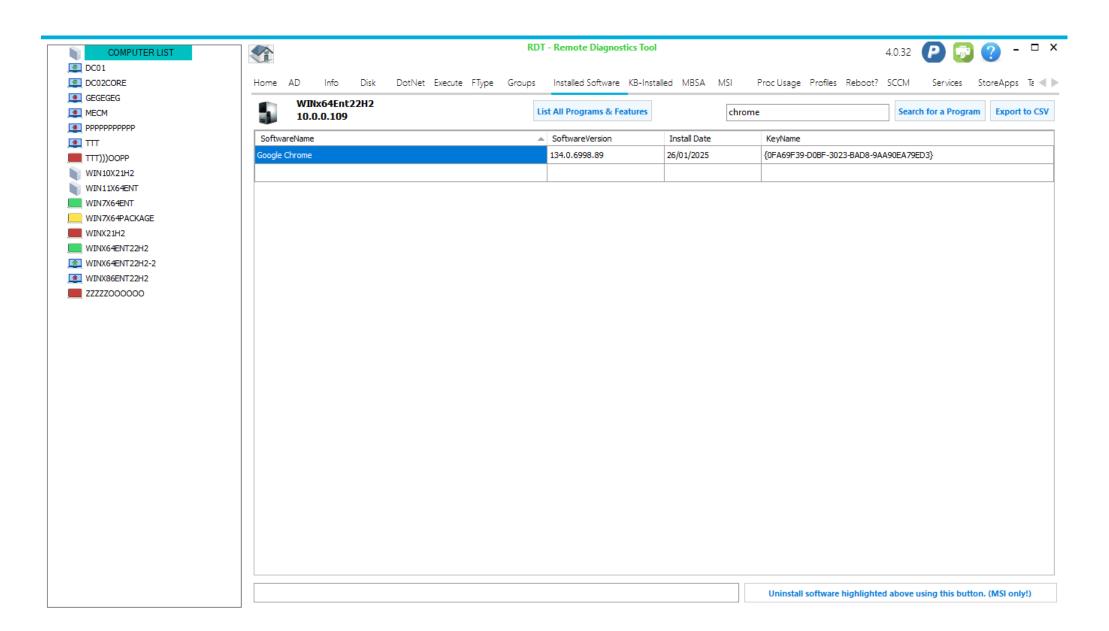


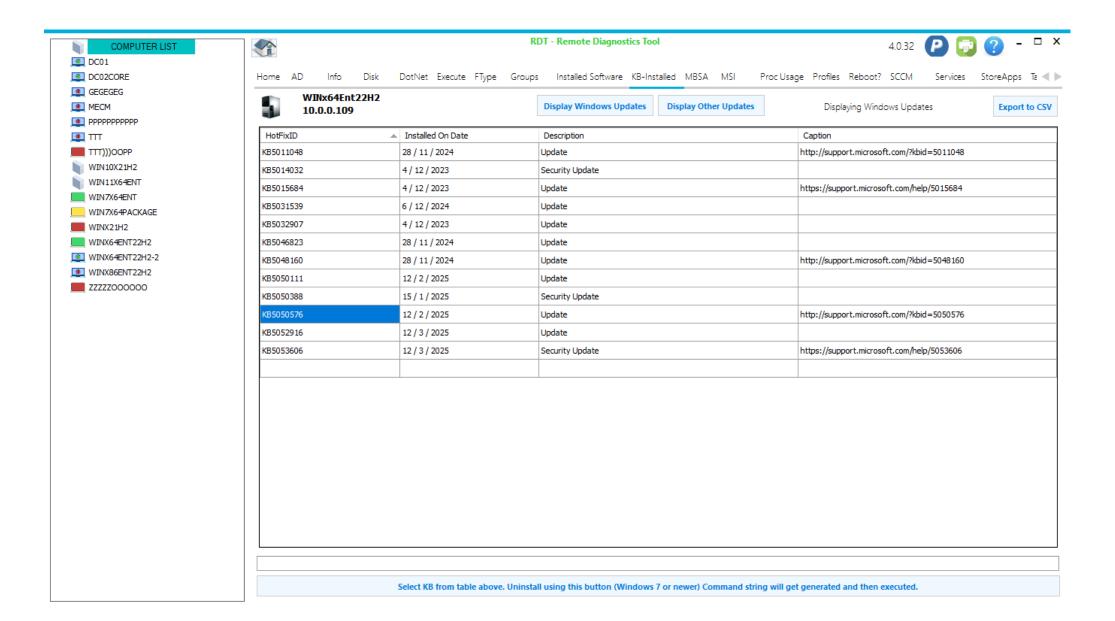


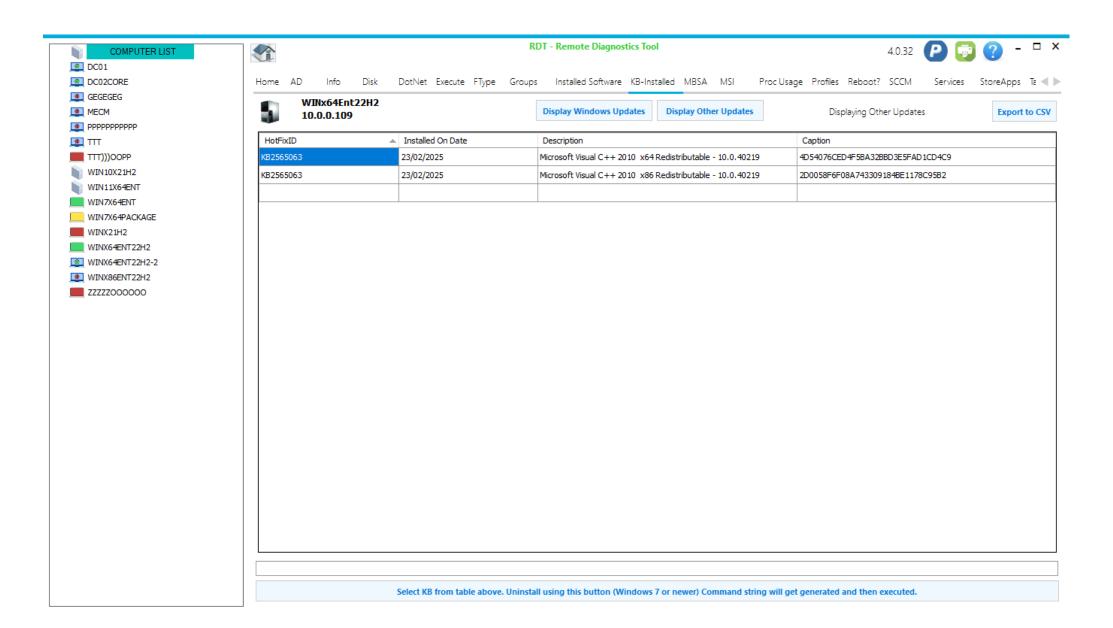


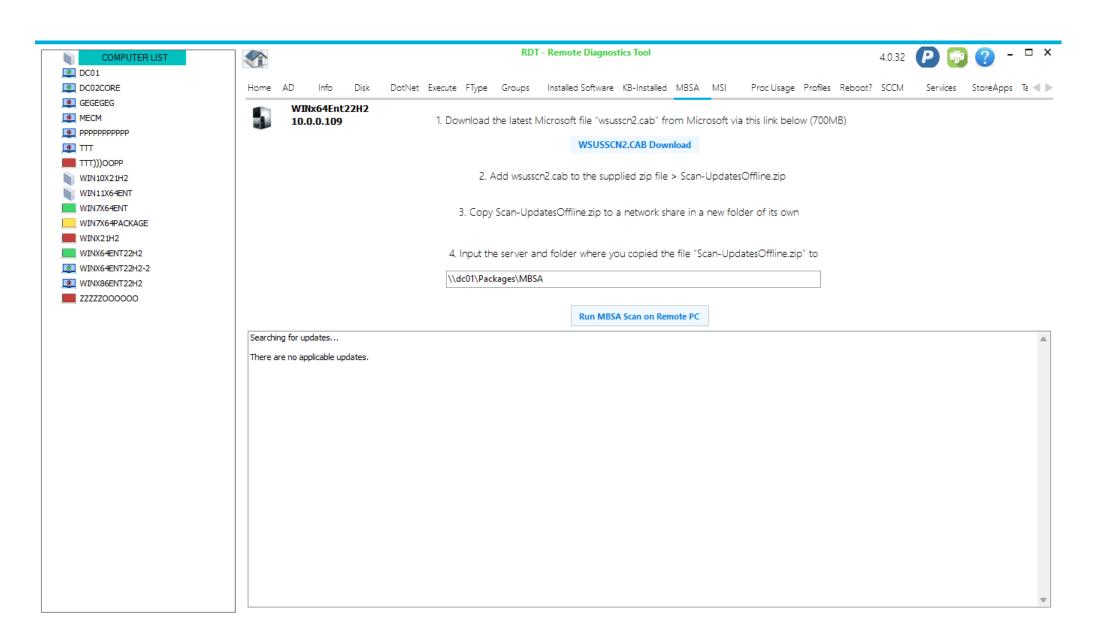


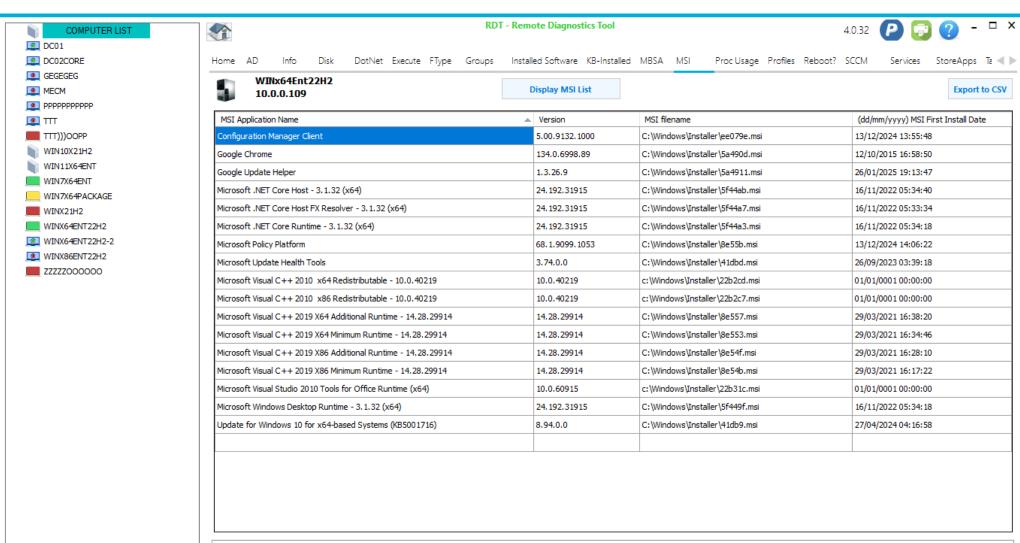
COMPUTER LIST	RDT	4.0.32 <b>P</b> 🕝 ? - 🗆 X			
DC01 DC02CORE	Home AD Info Disk DotNet Execute FType Groups	Installed Software KB-Install	led MBSA MSI F	Proc Usage Profiles Reboot? SCCM Services StoreApps Ta ◀ ▶	
● GEGEGEG  ● MECM	WINx64Ent22H2 10.0.0.109	t All Programs & Features	Search	Search for a Program Export to CSV	
PPPPPPPPPPP      TTT	SoftwareName	SoftwareVersion	Install Date	KeyName	
TTT)))OOPP	Configuration Manager Client	5.00.9132.1000	08/03/2025	{987AABAD-F544-404E-86C6-215EAFBEB7C0}	
WIN10X21H2	Google Chrome	134.0.6998.89	26/01/2025	{0FA69F39-D0BF-3023-BAD8-9AA90EA79ED3}	
WIN11X64ENT	Google Update Helper	1.3.26.9	26/01/2025	{60EC980A-BDA2-4CB6-A427-B07A5498B4CA}	
WIN7X64ENT	Microsoft .NET Core Host - 3.1.32 (x64)	24. 192. 31915	01/02/2025	{8A8E3A04-83BC-4CDE-9259-893B666C1AB1}	
WIN7X64PACKAGE	Microsoft .NET Core Host FX Resolver - 3.1.32 (x64)	24. 192. 31915	01/02/2025	{ABC6B3C2-1A8D-4C5E-AC16-C2AE44F02743}	
WINX21H2 WINX64ENT22H2	Microsoft .NET Core Runtime - 3.1.32 (x64)	24. 192. 31915	01/02/2025	{A741B803-3F0E-4684-81EF-FC128D15A92C}	
■ WINX64ENT22H2-2	Microsoft Edge	134.0.3124.66	12/03/2025	Microsoft Edge	
WINX86ENT22H2	Microsoft Edge WebView2 Runtime	133.0.3065.92	01/03/2025	Microsoft EdgeWebView	
zzzzz000000	Microsoft Policy Platform	68, 1, 9099, 1053	26/01/2025	{CAF40469-57FC-4A0A-BBC3-7CBACDD49D15}	
	Microsoft Update Health Tools	3.74.0.0	28/11/2024	{1FC1A6C2-576E-489A-984A-92D21F542136}	
	Microsoft Visual C++ 2010 x64 Redistributable - 10.0,40219	10.0.40219	23/02/2025	{1D8E6291-B0D5-35EC-8441-6616F567A0F7}	
	Microsoft Visual C++ 2010 x86 Redistributable - 10.0.40219	10.0.40219	23/02/2025	{F0C3E5D1-1ADE-321E-8167-68EF0DE699A5}	
	Microsoft Visual C++ 2015-2019 Redistributable (x64) - 14,28,29914	14.28.29914.0	25/52/2525	{43d 1ce82-6f55-4860-a938-20e5deb28b98}	
	Microsoft Visual C++ 2015-2019 Redistributable (x86) - 14,28,29914	14.28.29914.0		{1b5476d9-ab8e-4b0d-b004-059a1bd5568b}	
	Microsoft Visual C++ 2019 X64 Additional Runtime - 14,28,29914	14.28.29914	26/01/2025	{5A23DBE2-A05C-4A9C-9C17-EA88BF5D7B43}	
	Microsoft Visual C++ 2019 X64 Minimum Runtime - 14, 28, 29914	14.28.29914	26/01/2025	{455DF12C-7D43-4EFF-AE2F-43C8AF2817A3}	
	Microsoft Visual C++ 2019 X86 Additional Runtime - 14,28,29914	14.28.29914	26/01/2025	{BD8C6100-7C7D-48DD-93BA-69F6828213FE}	
	Microsoft Visual C++ 2019 X86 Minimum Runtime - 14,28,29914	14.28.29914	26/01/2025	{42365A3A-622A-4EED-A727-FE192A794AFD}	
	Microsoft Visual Studio 2010 Tools for Office Runtime (x64)	10.0.60915	23/02/2025	{C931A1C6-A7BF-3737-874A-818881A37E1B}	
	Microsoft Visual Studio 2010 Tools for Office Runtime (x64)	10.0.60910	. ,	Microsoft Visual Studio 2010 Tools for Office Runtime (x64)	
	Microsoft Windows Desktop Runtime - 3.1.32 (x64)	3.1.32.31915		{0eddeab6-01c1-4cf7-83ba-164ea8974c90}	
	Microsoft Windows Desktop Runtime - 3.1.32 (x64)	24. 192. 31915	01/02/2025	{5BEE5F3E-4D78-4DE8-A8F3-36D3E9D8868C}	
			. ,	-	
		I			
				Uninstall software highlighted above using this button. (MSI only!)	





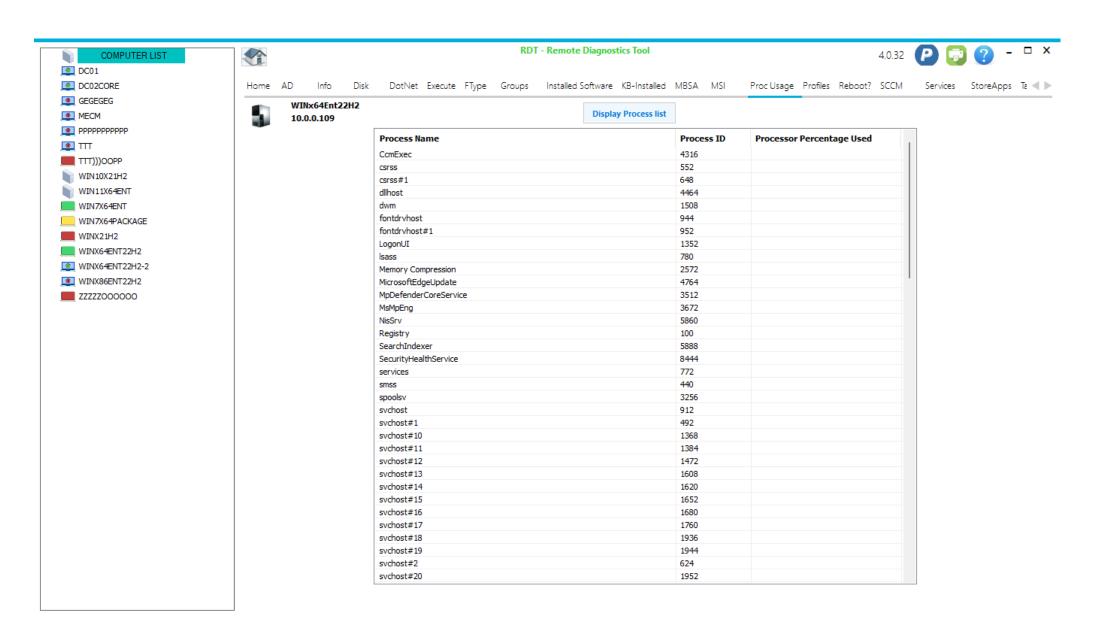


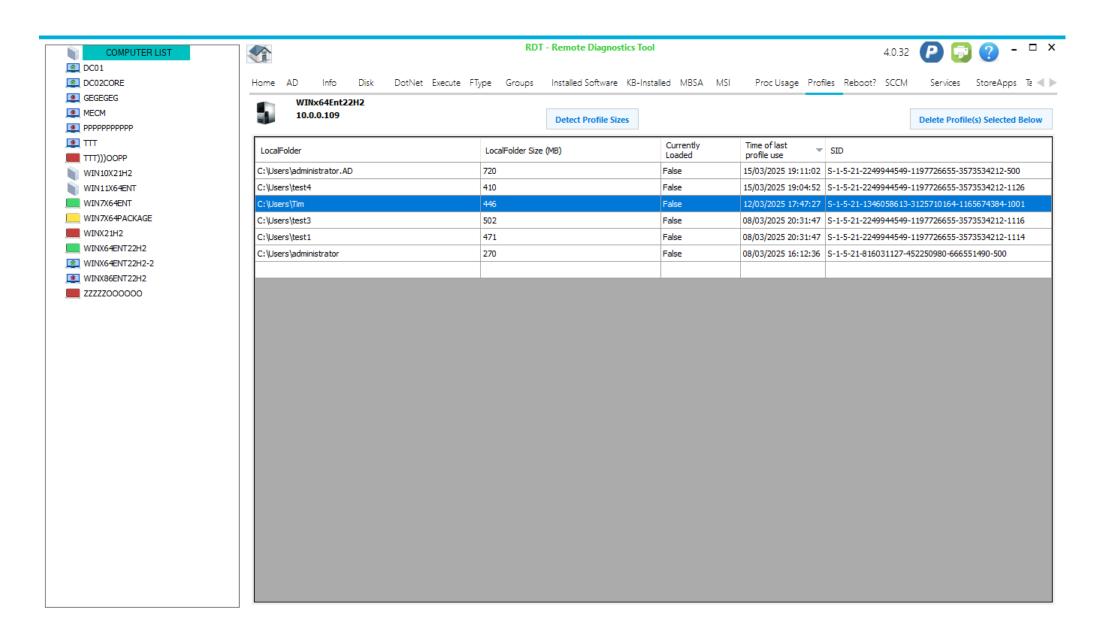


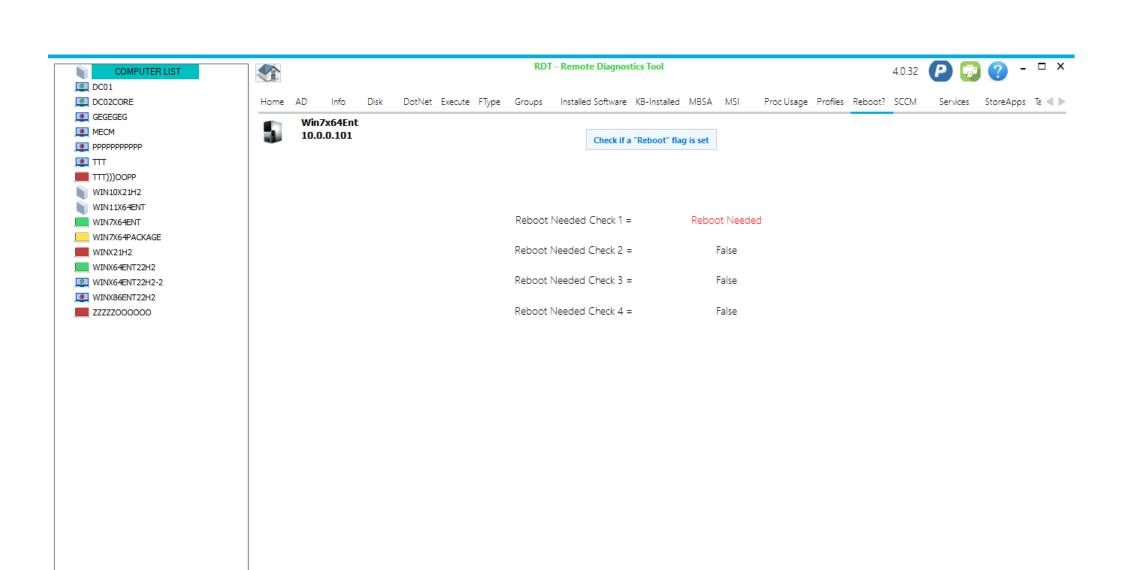


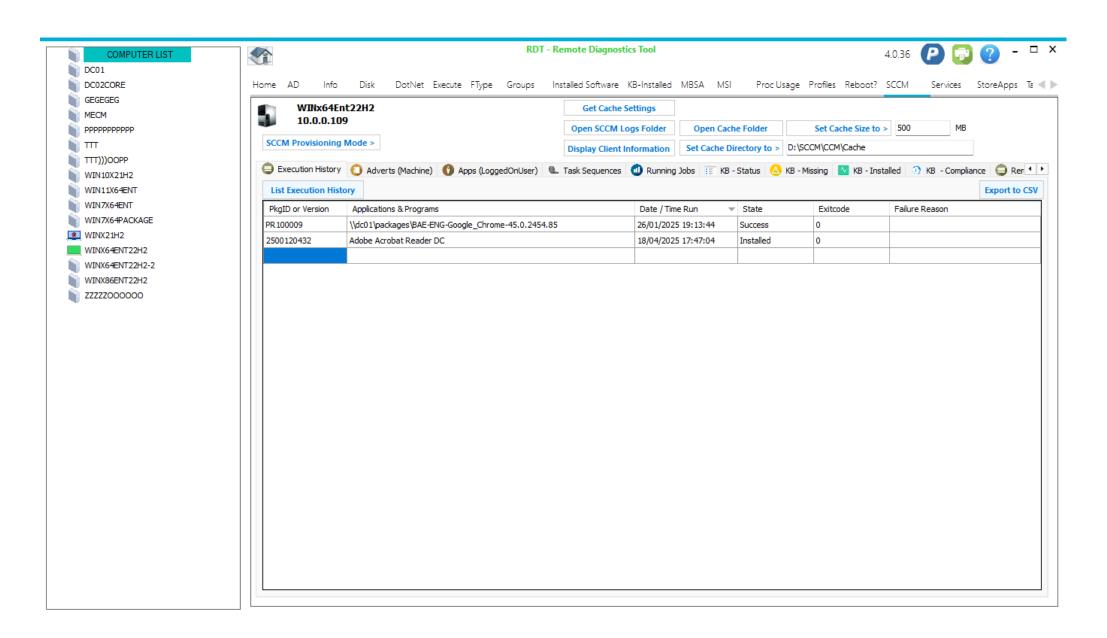
Msiexec /x C:\Windows\Installer\ee079e.msi /L\*V C:\Windows\Installer\MSI\_Removal.log /qn REBOOT=REALLYSUPPRESS

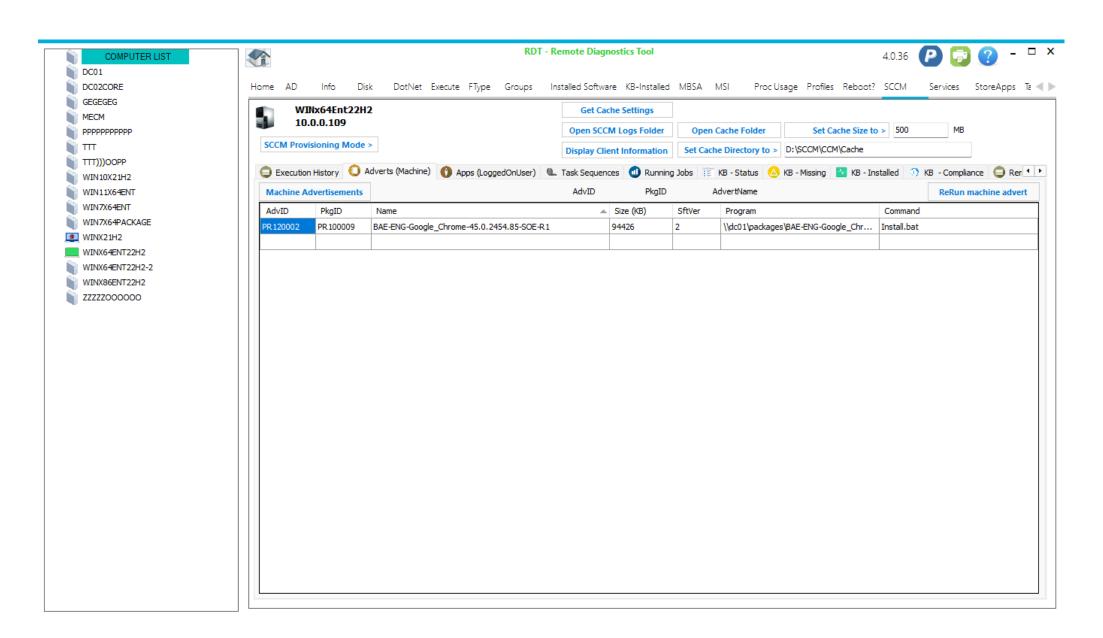
Select any MSI from table above, then Uninstall using the command here /\ . Log file generated = C:\Windows\Installer\MSI\_Removal.log

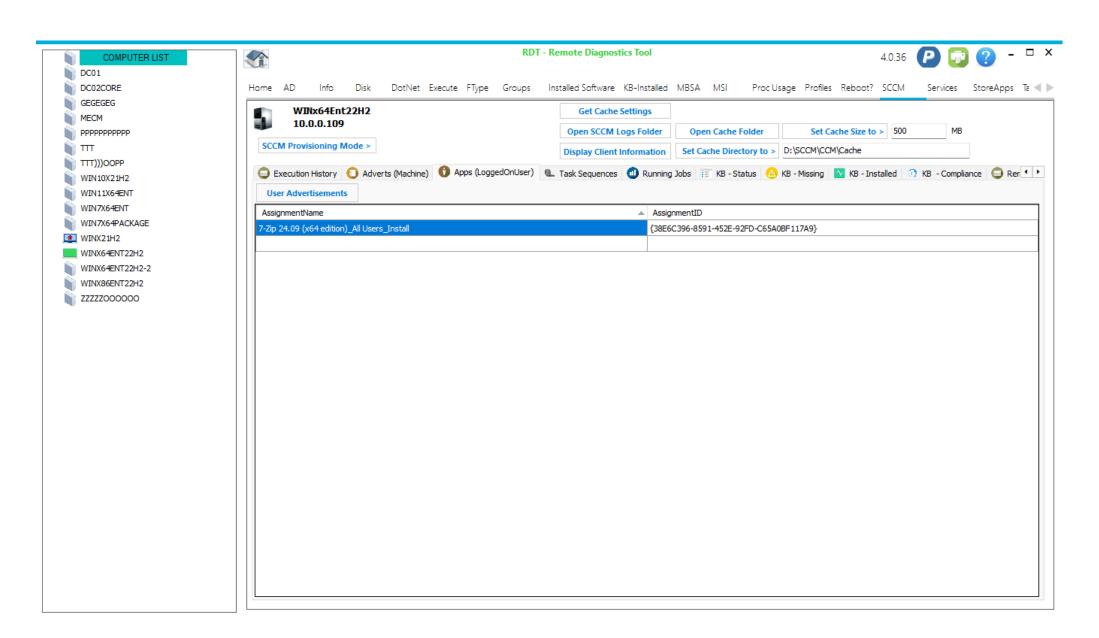


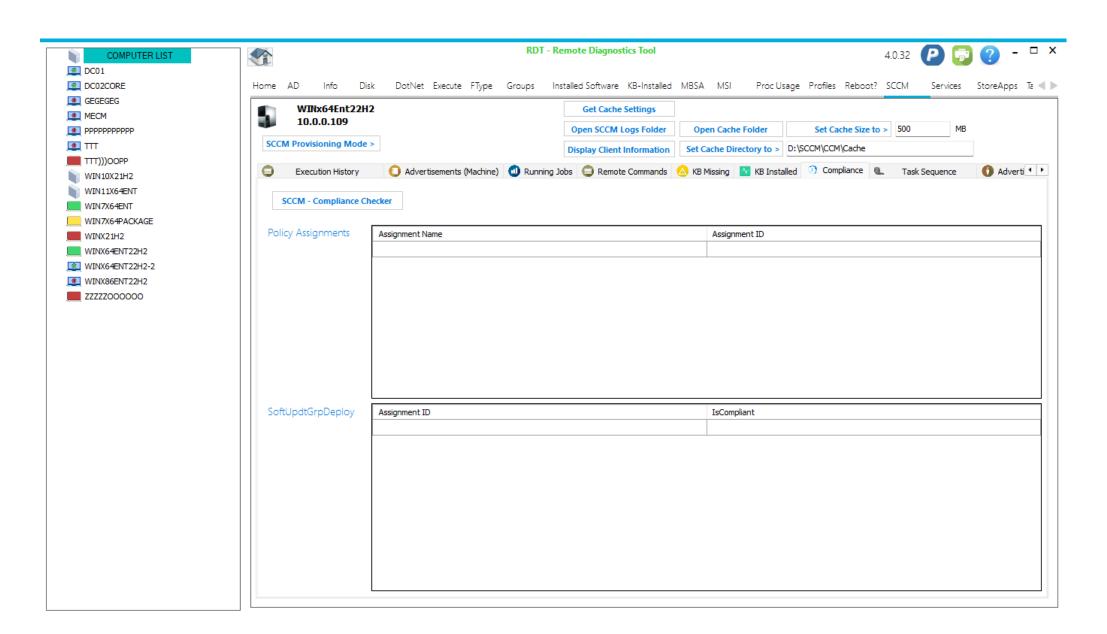


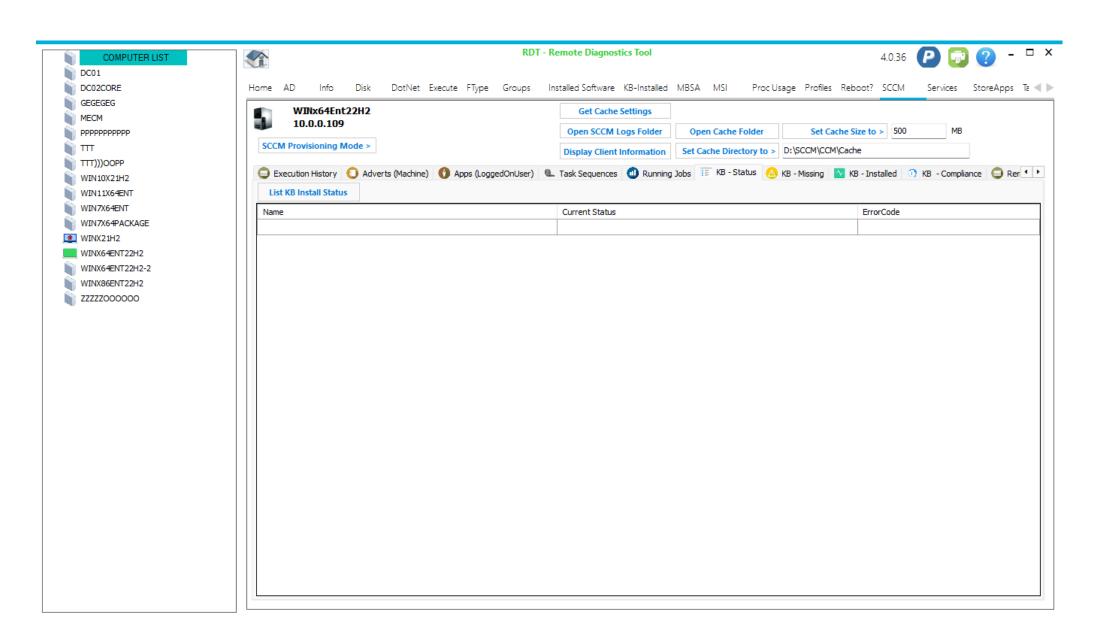


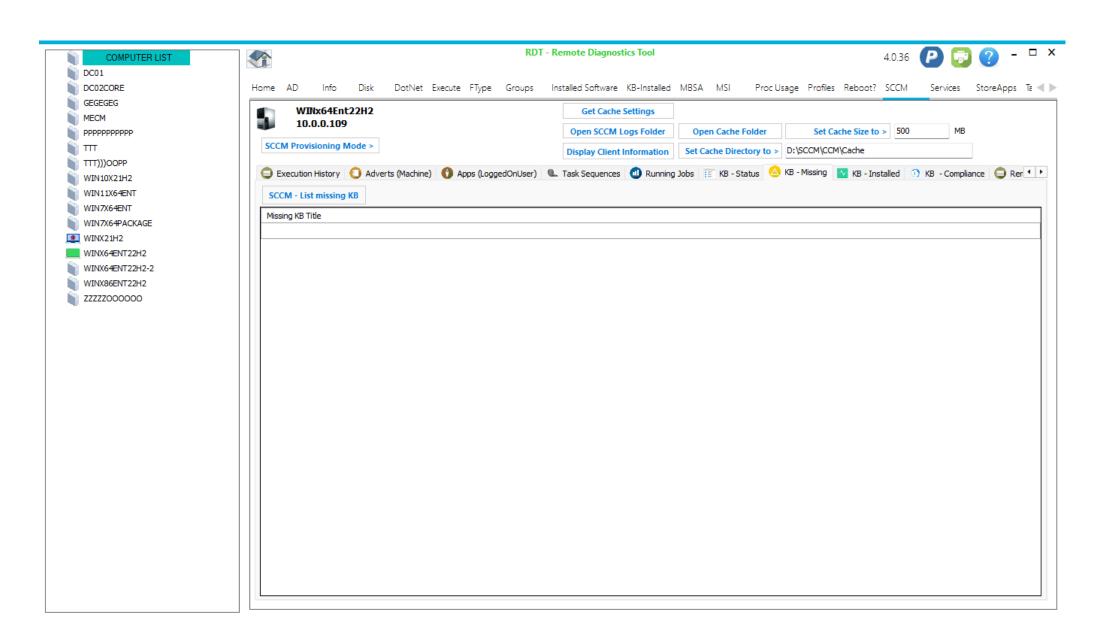


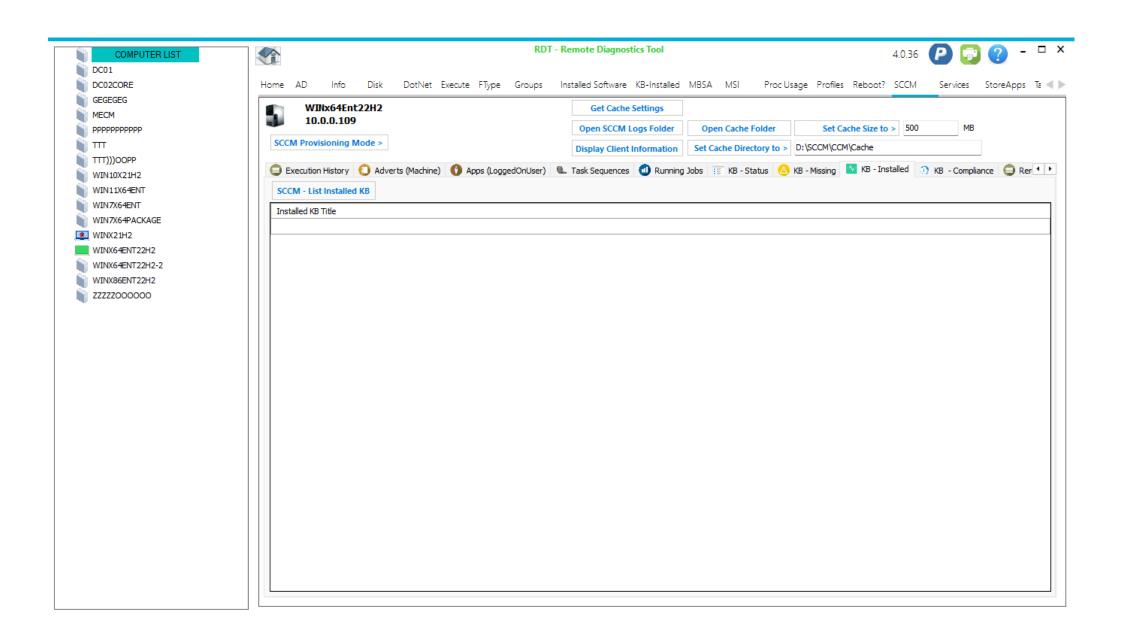


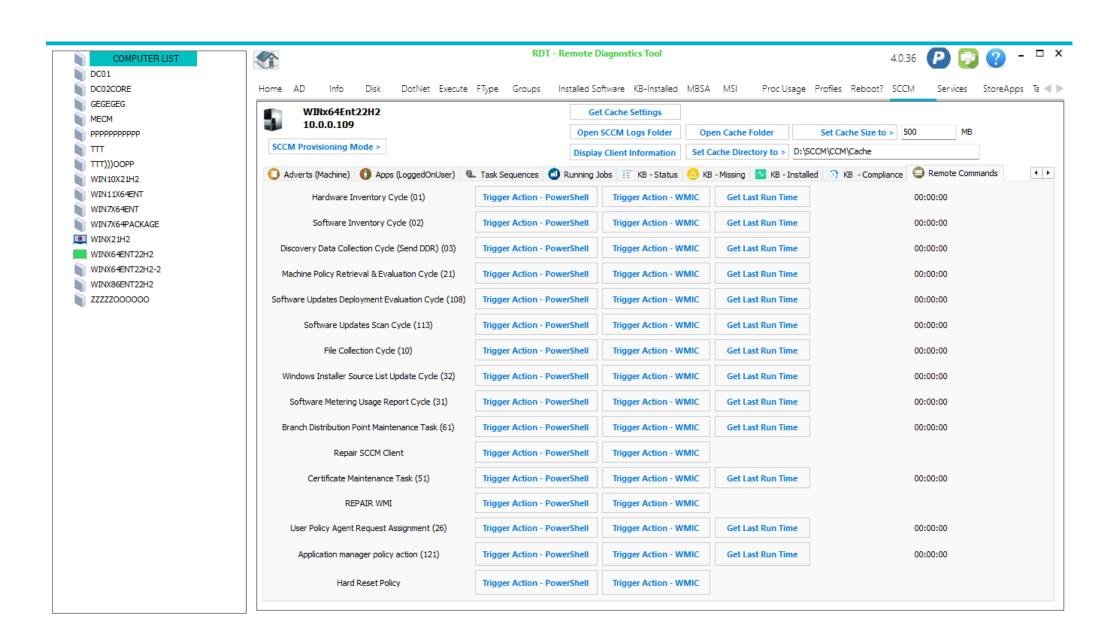


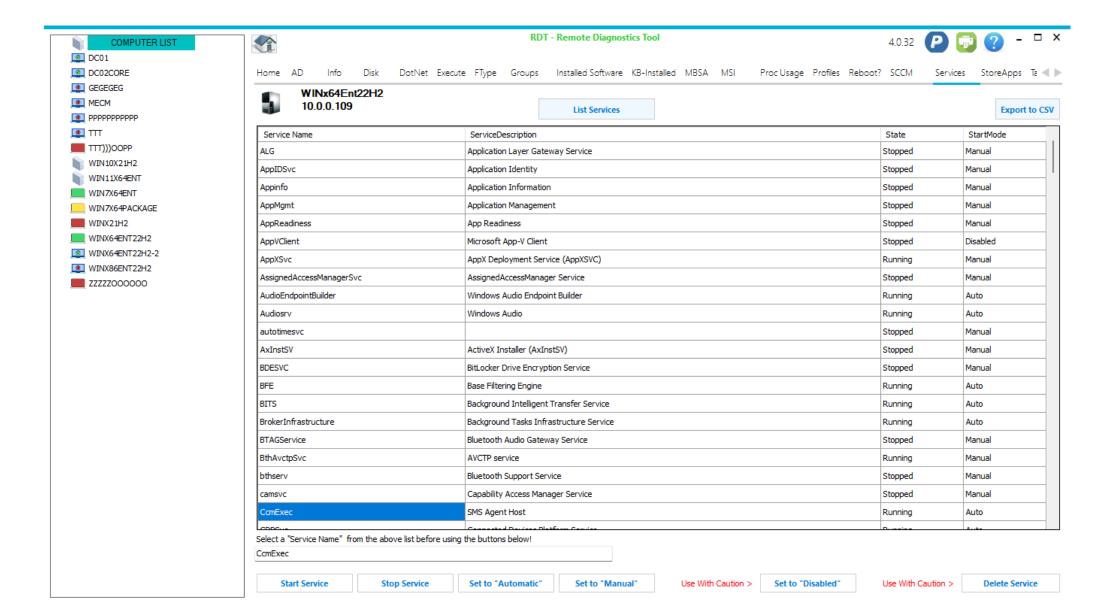












	COMPUTER LIST
8	DC01
8	DC02CORE
	GEGEGEG
*	MECM
*	РРРРРРРРРР
-	П
	TTT)))OOPP
	WIN10X21H2
	WIN11X64ENT
	WIN7X64ENT
	WIN7X64PACKAGE
	WINX21H2
	WINX64ENT22H2
<u>@</u>	WINX64ENT22H2-2
•	WINX86ENT22H2
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RDT - Remote Diagnostics Tool

4.0.32







Home AD Info Disk DotNet Execute FType Groups Installed Software KB-Installed MBSA MSI Proc Usage Profiles Reboot? SCCM Services StoreApps Ta 🜗

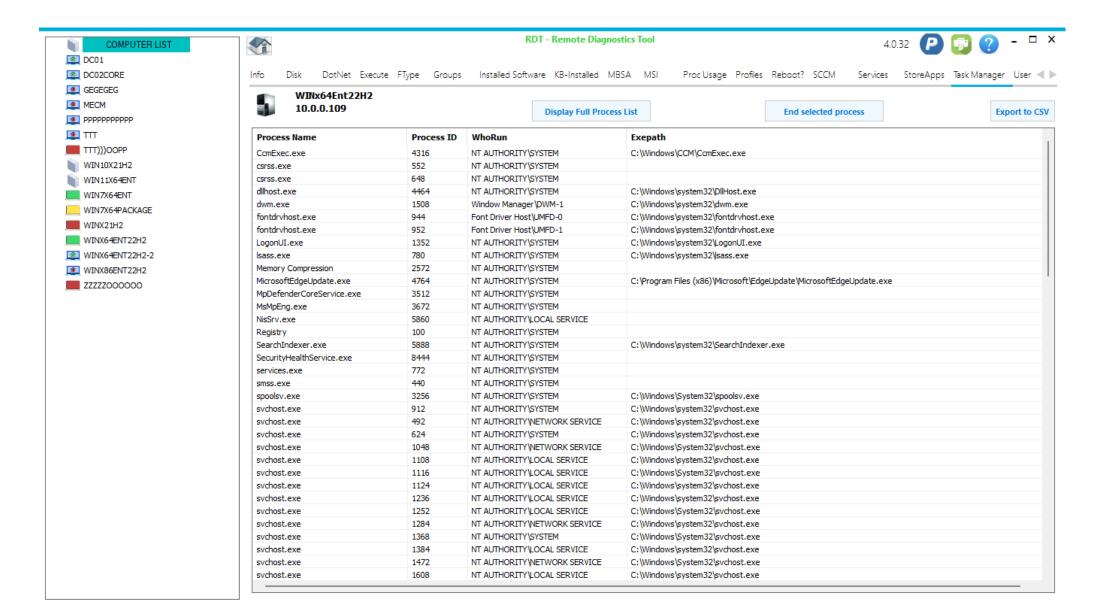


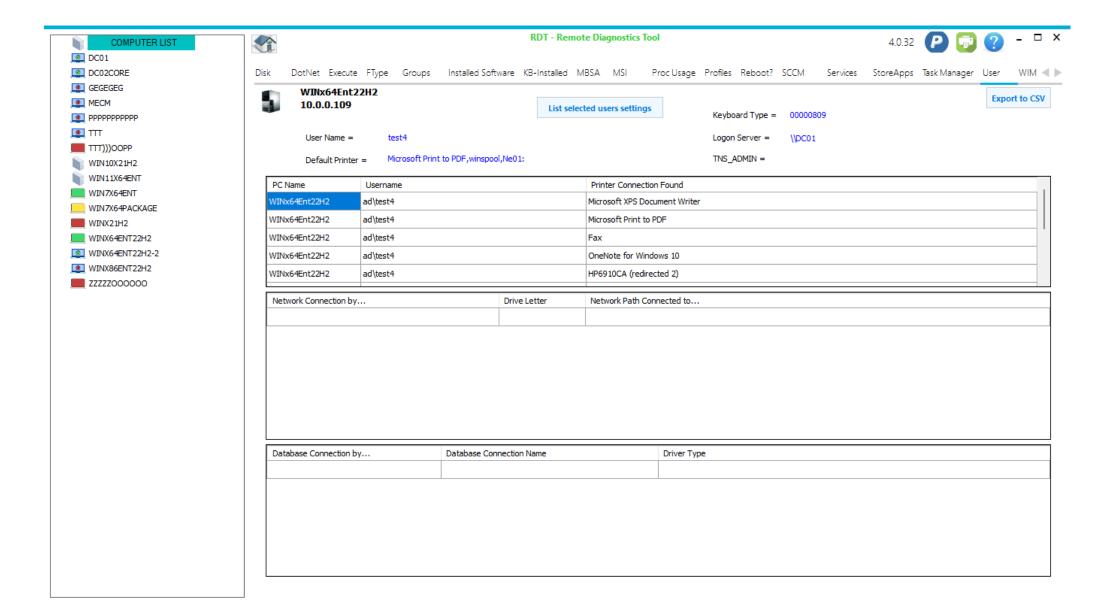
WINx64Ent22H2 10.0.0.109

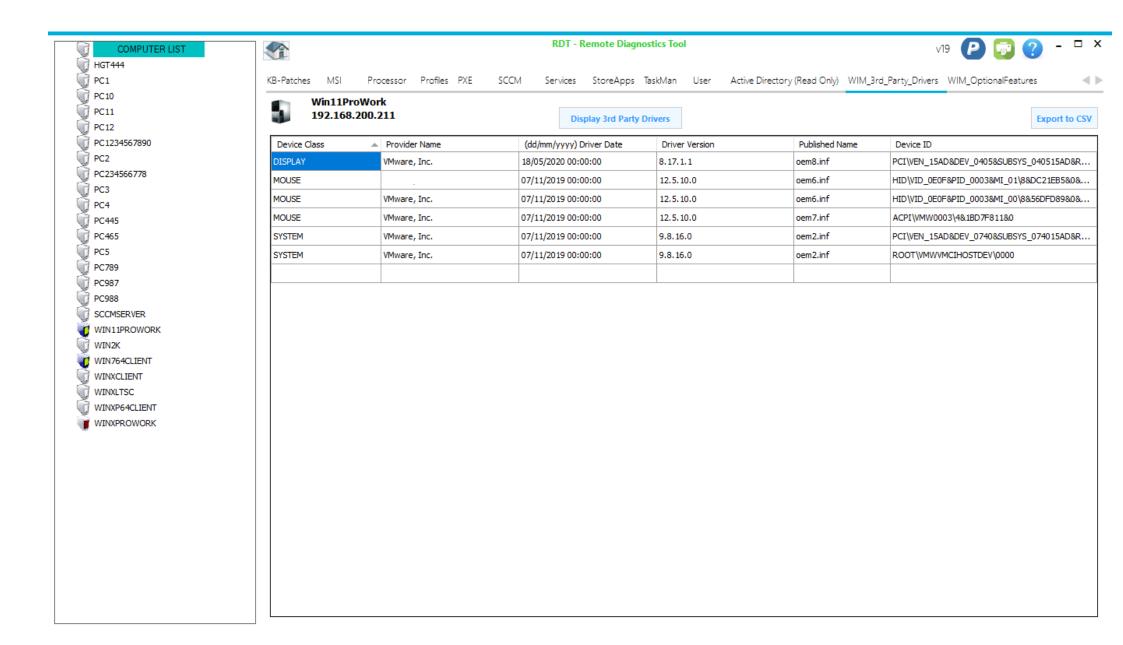
**Display Store Apps** 

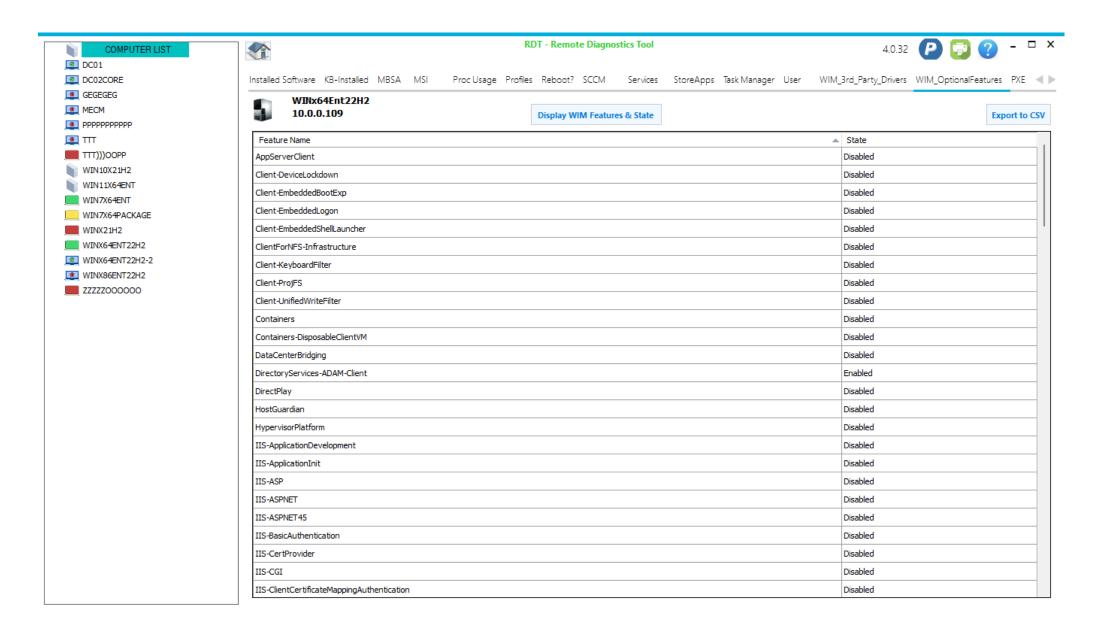
Export to CSV

Name	Version	Architecture	ProgramId	Language	Vendor
1527c705-839a-4832-9118-54d4Bd6a0c89	10.0.19041.4239	Neutral	1527c705-839a-4832-9118-54d4Bd	0	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
:5e2524a-ea46-4f67-841f-6a9465d9d515	10.0.19041.4239	Neutral	c5e2524a-ea46-4f67-841f-6a9465	0	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
E2A4F912-2574-4A75-9BB0-0D023378592B	10.0.19041.4239	Neutral	E2A4F912-2574-4A75-9BB0-0D023	0	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
F46D4000-FD22-4DB4-AC8E-4E1DDDE828FE	10.0.19041.4239	Neutral	F46D4000-FD22-4DB4-AC8E-4E1D	0	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
Vicrosoft. 54998 1C3F5F 10	4.2308.1005.0	X64	Microsoft.549981C3F5F10_4.2308	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Microsoft.AAD.BrokerPlugin	1000.19041.42	Neutral	Microsoft.AAD.BrokerPlugin_1000	0	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
Vicrosoft.AccountsControl	10.0.19041.4239	Neutral	Microsoft.AccountsControl_10.0.19	1033	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
Microsoft.Advertising.Xaml	10.1808.3.0	X64	Microsoft.Advertising.Xaml_10.180	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Vicrosoft.AsyncTextService	10.0.19041.4239	Neutral	Microsoft.AsyncTextService_10.0	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Microsoft.BingSearch	1.1.34.0	X64	Microsoft.BingSearch_1.1.34.0_x6	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
dicrosoft.BingWeather	4.54.63007.0	X64	Microsoft.BingWeather_4.54.6300	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
dicrosoft.BingWeather	4.53.62621.0	X64	Microsoft.BingWeather_4.53.6262	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Vicrosoft.BioEnrollment	10.0.19041.4239	Neutral	Microsoft.BioEnrollment_10.0.1904	1033	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
Vicrosoft.Copilot	1.25014.121.0	X64	Microsoft.Copilot_1.25014.121.0_x	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Vicrosoft.CredDialogHost	10.0.19041.4239	Neutral	Microsoft.CredDialogHost_10.0.19	1033	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
Microsoft.DesktopAppInstaller	1.25.340.0	X64	Microsoft.DesktopAppInstaller_1.2	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Vicrosoft,ECApp	10.0.19041.4597	Neutral	Microsoft.ECApp_10.0.19041.4597	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Microsoft.GetHelp	10.1706.13331.0	X64	Microsoft.GetHelp_10.1706.13331	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Microsoft.GetHelp	10.2409.22951.0	X64	Microsoft.GetHelp_10.2409.22951	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Microsoft.Getstarted	10.2312.1.0	X64	Microsoft.Getstarted_10.2312.1.0	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was
Microsoft.HEIFImageExtension	1.2.3.0	X64	Microsoft.HEIFImageExtension_1.2	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Microsoft.LanguageExperiencePacken-GB	19041.62.219.0	Neutral	Microsoft.LanguageExperiencePack	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Microsoft.LockApp	10.0.19041.4239	Neutral	Microsoft.LockApp_10.0.19041.42	1033	CN=Microsoft Windows, O=Microsoft Corporation, L=Redmond, S=Washin.
Microsoft.Microsoft3DViewer	7.2502.5012.0	X64	Microsoft.Microsoft3DViewer_7.250	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.
Microsoft.MicrosoftEdge.Stable	132.0.2957.115	Neutral	Microsoft.MicrosoftEdge.Stable_13	1033	CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Was.









## **Example tab generated by pressing the Get APPV button on the HOME tab:**

App-V Version : 4.6.3.2	24870 on : SCCMXP	Remote CMD (As you)
Cache Details Packages Shortcuts	Appv 4.6 Commands	
Total Size of APPV Cache =	12454	
File Size of APPV Cache =	9	
Percentage free of APPV Cache =	100% Free.	
Amount of APPV Cache used =		
APPV Cache Location >	C:\Documents and Settings\All Users\Documents\SoftGrid Client\sftfs.fsd	
APPV Min Free Disk Space >	0 0	

# App-V Version: 4.6.3.24870 on: SCCMXP

Remote CMD (As you)

Cache Details Packages Shortcuts Appv 4.6 Commands

Name _	Version	Package GUID	InUse	Locked	Size	SftPath
(CF6ACE9E-7BE1-4B14-BAB0-03B	1	CF6ACE9E-7BE1-4B14-BAB	False	False	8814592	file://C:\Documents and Settings\Administrator.SCCM\Desktop\Package

# App-V Version: 4.6.3.24870 on: SCCMXP

Remote CMD (As you)

Cache Details Packages Shortcuts Appv 4.6 Commands

Shortcut	_	Version	LastLaunchOnSystem	PackageGUID	Loading	OriginalOsdPath
Start Listening VNC Viewer		5.1.0.15125	01/01/1601 00:00:00	CF6ACE9E-7BE	False	C:\Documents and Settings\All Users\Documents\MSIUtility\{CF6ACE
VNC Address Book		5.1.0.15125	01/01/1601 00:00:00	CF6ACE9E-7BE	False	C:\Documents and Settings\All Users\Documents\MSIUtility\{CF6ACE
VNC Viewer		5.1.0.15125	01/01/1601 00:00:00	CF6ACE9E-7BE	False	C:\Documents and Settings\All Users\Documents\MSIUtility\{CF6ACE

## App-V Version: 4.6.3.24870 on: SCCMXP

Remote CMD (As you)

Cache Details Packages Shortcuts Appv 4.6 Commands

#### SFTMIME command examples:

Add Publishing Server

= SFTMIME ADD SERVER: "Production Environemt App-V" /HOST \*\*\*HOSTNAMEHERE\*\*\* /TYPE RTSP /PORT 554 /REFRESH ON

Delete Publishing Server = SFTMIME DELETE SERVER: "Production Environemt App-V" Start Refresh of Server

= SFTMIME REFRESH SERVER: "Production Environemt App-V"

Load Package Delete Package = SFTMIME LOAD PACKAGE:{4DE133E9-B54D-468F-9E7D-0B51A26CB538} = SFTMIME DELETE PACKAGE:{4DE133E9-B54D-468F-9E7D-0B51A26CB538}

Remove Complete App

= SFTMIME REMOVE APP: "Open Options User Application 7.2.0.0" /COMPLETE

Add FileType

= SFTMIME ADD TYPE:DOCX /APP "Microsoft Word 14.3.2.0" /ICON icon-pathname /CONTENT-TYPE content-type /GLOBAL /PERCEIVED-TYPE perceived-type /PROGID progid /CONFIRMOPEN NO /SHOWEXT YES /NEWMENU YES

Delete FileType

= SFTMIME DELETE TYPE:DOCX /GLOBAL

#### Standard command examples:

Remove Directory

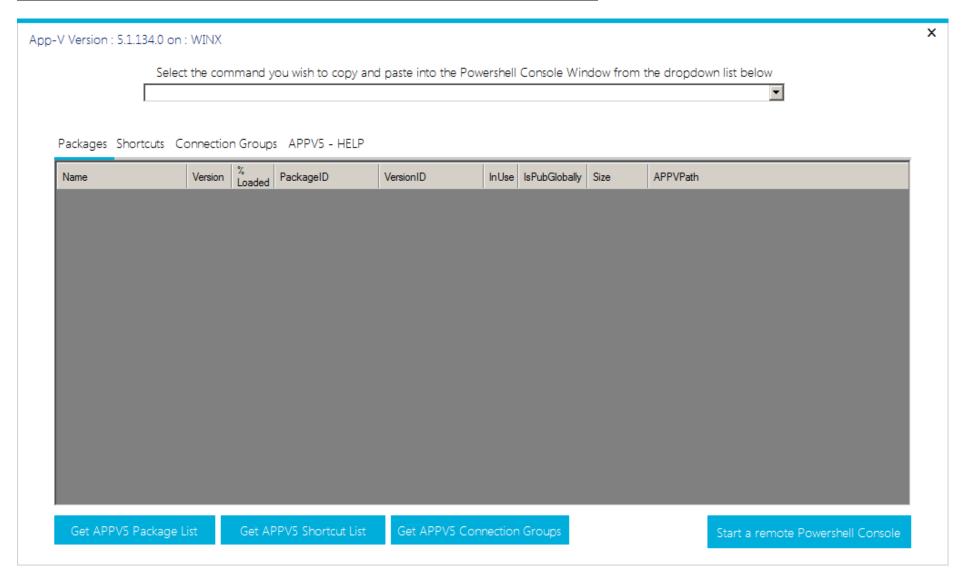
= RD /S /Q "C:\Program Files\RDT\Folder"

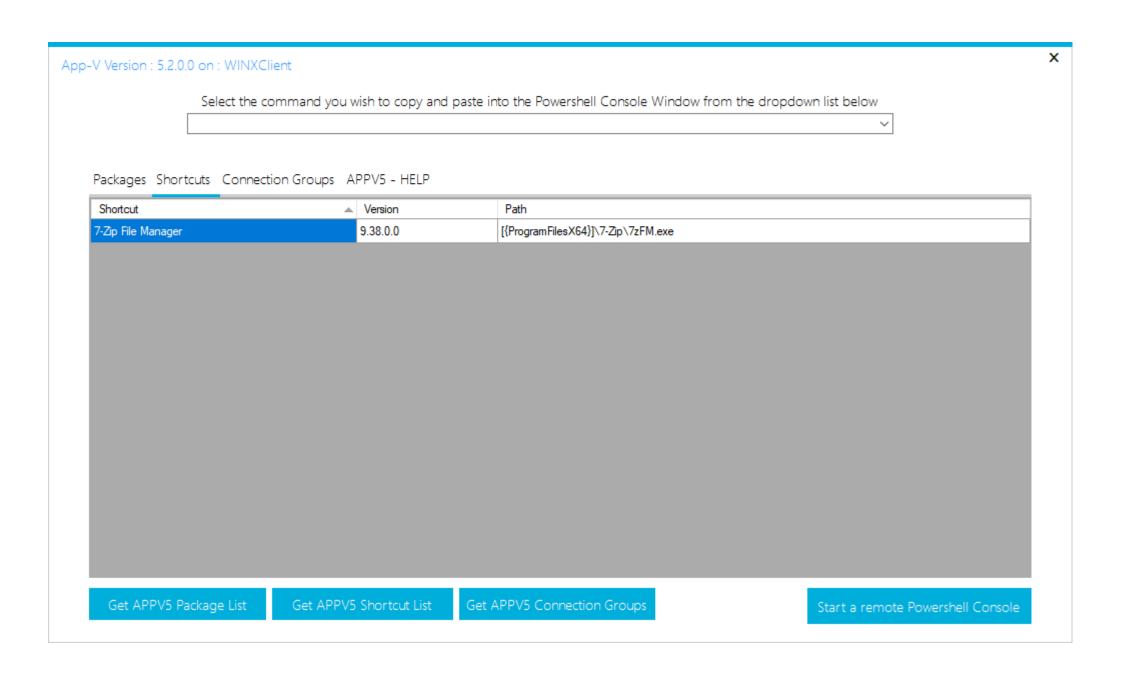
Remove File

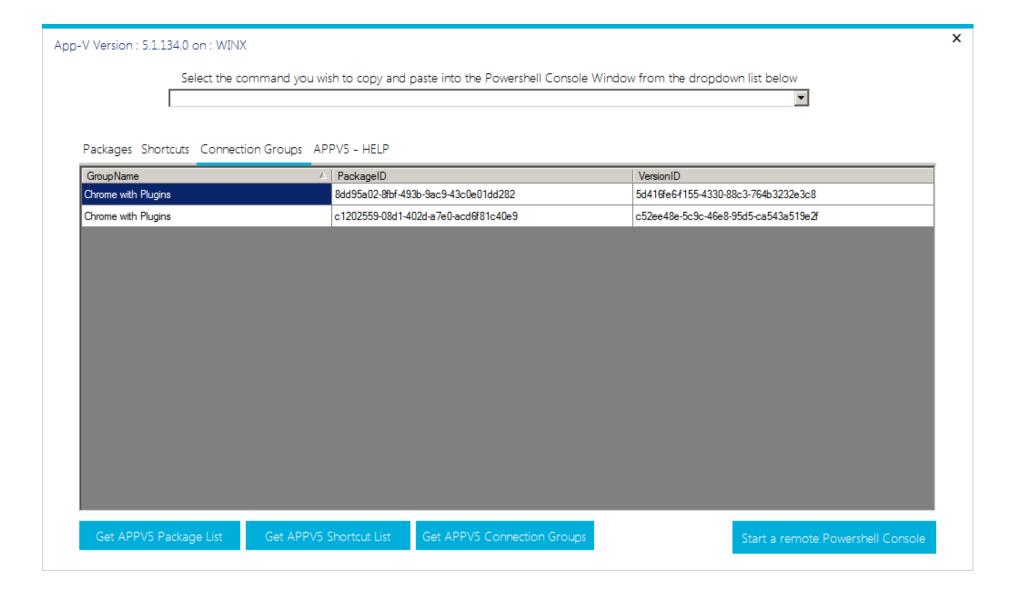
= Del /F /Q "C:\Program Files\RDT\RDT\RDT.EXE"

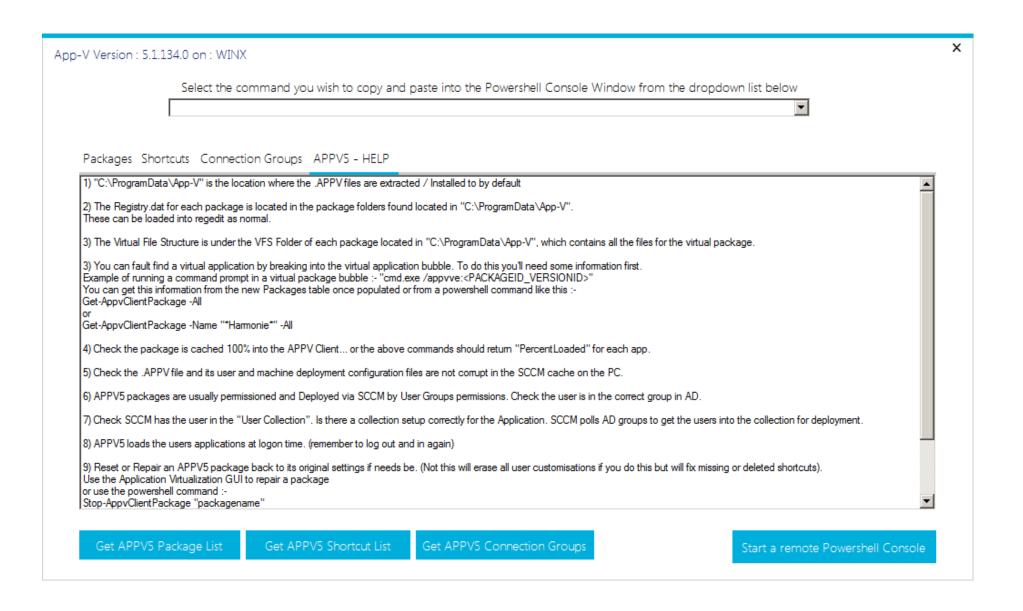
X

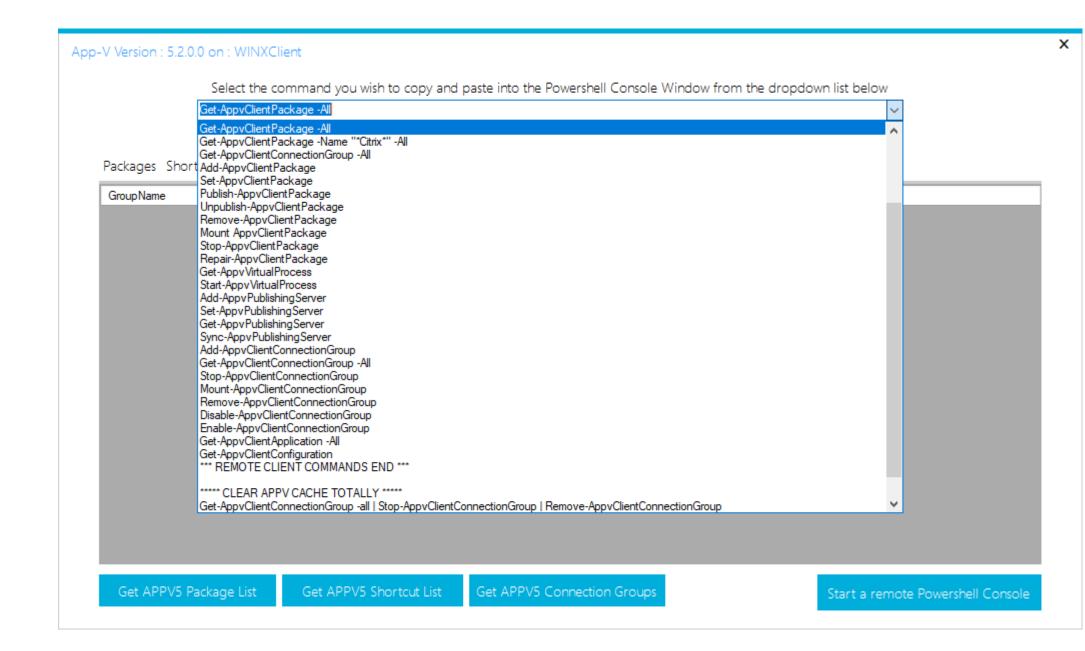
### **Example tab generated by pressing the Get APPV button on the HOME tab:**











## **Example generated when Start-Up Items button is pressed:**

tartup Items on : Win11ProWork			
ogin Items Run Shell Plug-ins Internet Plug-ins Network	Plug	-ins Local Print Server	
SOFTWARE\Microsoft\Windows\CurrentVersion\Run	_	Command Run at Login	
Mware User Process		"C:\Program Files\VMware\VMware Tools\vmtoolsd.exe" -n vmusr	
Mware VM3DService Process		"C:\Windows\system32\vm3dservice.exe" -u	
SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Run	_	Command Run at Login	
SOFT WARE (WOWO+3240de y-lici osoft (Williadows (Cult efficiel sioff ycult	_	Command Run at Login	_
JSER > SOFTWARE\Microsoft\Windows\CurrentVersion\Run	_	Command Run at Login	

# Startup Items on : Win11ProWork

ns Network Plug-ins Local Print Server	
▲ Shell Plug-in	
C:\Program Files\Windows Defender\shellext.dll	
▲ Shell Plug-in	
C:\Program Files\7-Zip\7-zip.dll	
C:\Program Files\Windows Defender\shellext.dll	
C:\Windows\System32\WorkfoldersShell.dll	
Shell Diug in	
▲ Shell Plug-in	
	Shell Plug-in  C:\Program Files\Windows Defender\shellext.dll  Shell Plug-in  C:\Program Files\7-Zip\7-zip.dll  C:\Program Files\Windows Defender\shellext.dll

Startup Items on : WINXClient		X
Login Items Run Shell Plug-ins Internet Plug-ins Network Plug-ins Local Print	Server	
Software\Microsoft\Windows\CurrentVersion\Explorer\Browser Helper Objects	Plug-in	]
		4
Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Explorer\Browser Helper Objects	Plug-in	-
Software \Microsoft \Internet Explorer \Extensions	Plug-in	1
Software\Wow6432Node\Microsoft\Internet Explorer\Extensions	Plug-in	1
		╛

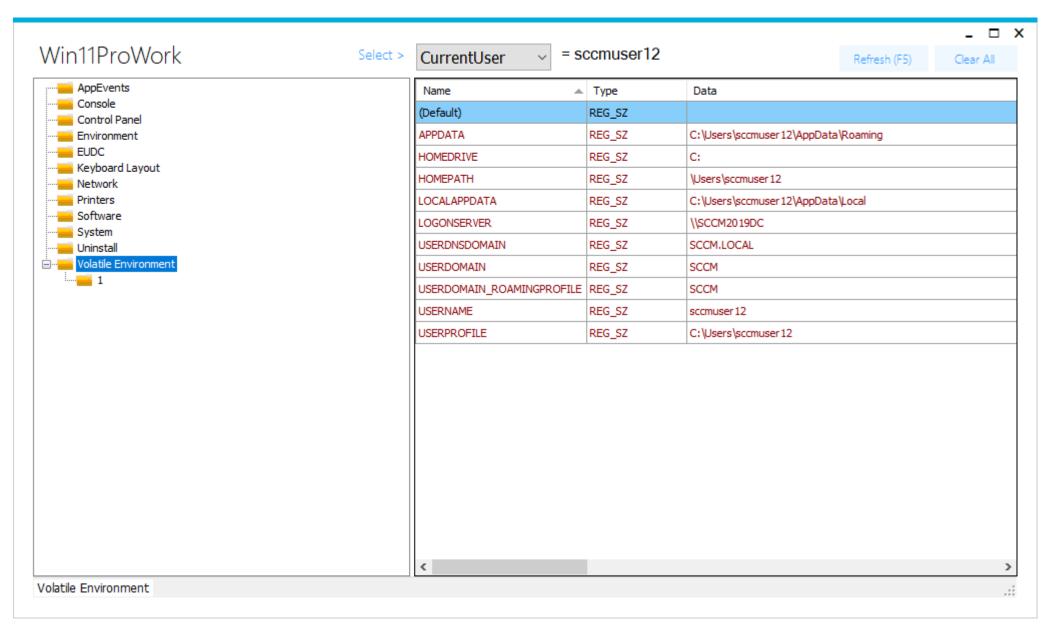
## Startup Items on : Win11ProWork

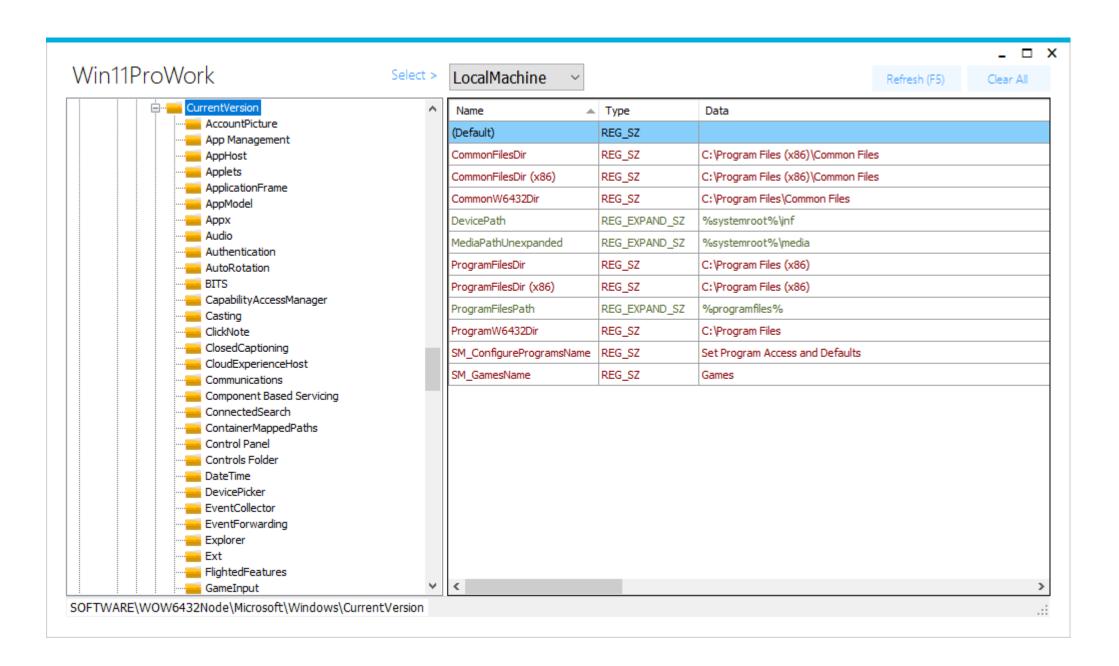
Login Items Run Shell Plug-ins Internet Plug-ins Network Plug-ins Local Print Server

System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries	▲ Plug-in	^
AF_UNIX	%SystemRoot%\system32\mswsock.dll	
Hyper-V RAW	%SystemRoot%\system32\mswsock.dll	
MSAFD L2CAP [Bluetooth]	%SystemRoot%\system32\mswsock.dll	
MSAFD RfComm [Bluetooth]	%SystemRoot%\system32\mswsock.dll	
System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries64	△ Plug-in	,
AF_UNIX	%SystemRoot%\system32\mswsock.dll	
Hyper-V RAW	%SystemRoot%\system32\mswsock.dll	
MSAFD L2CAP [Bluetooth]	%SystemRoot%\system32\mswsock.dll	
MSAFD RfComm [Bluetooth]	%SystemRoot%\system32\mswsock.dll	
vSockets DGRAM	%windir%\system32\vsocklib.dll	•
$System \controlSet \ensuremath{\tt Services} WinSock 2 \ensuremath{\tt Parameters} WameSpace\_Catalog 5 \controlSet \ensuremath{\tt Services} WinSock 2 \ensuremath{\tt Parameters} WameSpace\_Catalog 5 \ensuremath{\tt Catalog} Entries \ensuremath{\tt Services} WinSock 2 \ensuremath{\tt Parameters} WameSpace\_Catalog 5 \ensuremath{\tt Catalog} Entries \ensuremath{\tt Services} WinSock 2 \ensuremath{\tt Parameters} WameSpace\_Catalog 5 \ensuremath{\tt Catalog} Entries \ensuremath{\tt Services} WinSock 2 \ensuremath{\tt Parameters} WameSpace\_Catalog 5 \ensuremath{\tt Catalog} Entries \ensuremath{\tt Services} WinSock 2 \ensuremath{\tt Parameters} WameSpace\_Catalog 5 \ensuremath{\tt Catalog} Entries \ensuremath{\tt Catalog} WinSock 2 \ensuremath{\tt Catalog} Wi$	▲ Plug-in	
Bluetooth Namespace	%SystemRoot%\system32\wshbth.dll	
System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries64	△ Plug-in	
Bluetooth Namespace	%SystemRoot%\system32\wshbth.dll	
	,,	

		×
Startup Items on : Win11ProWork		
Login Items Run Shell Plug-ins Internet Plug-ins Network Plug-ins Local Print	Server	
	Driver	$\neg$
Appmon	AppMon.dll	$\dashv$
		1

### **Example tab generated by pressing the "RDT Registry Editor" button on the HOME:**





#### **Revision Changes:**

- Version 4.0.41 = Fixes for PC Ping routines and PC Ping (ALL) routines so the app is much quicker in detecting online machines. Included a ping via TCP port 5985 for WINRM (PowerShell Remoting) enabled detection. Fixed a connection bug if nothing selected in the TreeView list on connection attempt. Upgraded to dotnet 4.5 in the tool so won't work on some older windows systems with only dotnet 4 now.

  Windows 8 and Windows Server 2012 include .NET Framework 4.5 by default!
- Version 4.0.40 = On SCCM tab > Fixed (Date / Time Run) Column Sorting (Newest Run at the top now > Oldest Run at the bottom). This can now be alternated by clicking on the column header too.
- Version 4.0.39 = Added MECM "APPS" detection in SCCM Tab. Updated "ADV User" adverts for the logged-on user to include "MECM "User APPS adverts" as well as user based "Package Adverts".
- Version 4.0.38 = Added "Client StateMsg" tab onto the "SCCM tab" for client full StateMsg log retrieval.
- Version 4.0.37 = Set "On Error Resume Next" on the WMI query commands in SCCM TAB > Execution History, Adverts (Machine), Apps (LoggedOnUser) and other legacy routines that may time out trying to query WMI over the network.
- Version 4.0.36 = SCCM TAB > Added "Execution History" Detection for Applications and Packages. Added "Apps (LoggedOnUser)" tab to detect the Applications deployed to the current logged on user. Added "KB Status" tab to detect Software-Updates (via SCCM) #status so we can see what patches are doing on a machine (Live).
- Version 4.0.35 = Changed SCCM Tab > "Display Client Information" to detect actual client version rather than branch version.
- Version 4.0.34 = Added MACAddress detection to the Info "Nic" section for the adapter in use. Added BIOS Serial (Machine Serial) detection on "Bios" section.
- Version 4.0.33 = Fixed issue with "Helpdesk number" and "Helpdesk details" not being saved against the PC number in the registry correctly. Started removing "C:\Program Files\RDT" folders if any left on the PC during any routines used by RDT app including any re-connects.
- Version 4.0.32 = Updated PC / Connection Icons and fixed blank icon issue. Added "Display AUDIO info" button to Info tab. Added "HPBIOS" reading.
- Version 4.0.31 = Fixed Ping and Initial connection slowness. This was down to a VB.NET memory leak with the Microsoft "Network.Ping" function.

- Version 4.0.30 = Added "SCCM Client Tools" PowerShell trigger buttons as WMIC is being discontinued and could be malicious (according to M\$)
- Version 4.0.29 = Added SCCM Compliance Checker tab see policy and if its compliant!
- Version 4.0.28 = Added SCCM Missing KB tab to detect KB patches missing or not installed through SCCM / WSUS.
  - Added SCCM Installed KB tab to detect KB patches that have installed successfully through SCCM / WSUS.
  - Added Reboot? Tab to try and detect if a pc needs a reboot or not (Work in progress) but first registry check seems ok so far.
- Version 4.0.27 = Fixed security issue in RDT-Registy button. Fixed KB-Installed ordering. New-Feature **KB-Missing tab** where you can detect missing KB fixes and patches missing from your PC to keep it up-to date.
- Version 4.0.26 = Fixed "DOTNET" connection security level to 6 packet.privacy. Fixed Windows Updates date now returned is correct and can be exported out to a csv file and filtered to latest date etc. Fixed a routine that wasn't exiting properly on the APPV detect button.
- Version 4.0.25 = Added MBSA tab, any remote PC can be security scanned using the MBSA from Microsoft to see if it conforms to baseline patch status and application patches. This tool needs the file **Scan-UpdatesOffline.zip** which can be downloaded from the RDT website.
- Version 4.0.24 = Added "File Version Finder" button to the start page, any file with a version can be detected on a remote pc.
- Version 4.0.23 = Fixed issue on "groups" tab where "domain group" not being removed from "local group" properly.
- Version 4.0.22 = Fixed Tab switching issue. Added "multi profile selection & deletion" on profiles tab. Added Icons to right click menu.

  Re-arranged so app fits full screen better with certain tabs.
- Version 4.0.21 = Added .NET tab where you can accurately detect CORE and Framework versions (x86 and x64) on a remote PC.
- Version 4.0.20 = Added older "domain\user" detection back into connection gathering to aid in finding the cause of blank "domain\user" being given as a result in some very hit and miss instances.
- Version 4.0.19 = 1) Added "Shaddow Desktop" button for remote viewing of Users desktop (If the user accepts the connection!)
- Version 4.0.18 = 1) Added Add PCs from file to Computer's list. 2) Added Search for program on Installed Programs and features tab.
- Version 4.0.17 = Added Active Directory tab (Read-only) operation of users / computers / groups and group members.

Version 4.0.16 = Added Windows 11 support, fixed Microsoft registry screwup about "ProductName" reg key in Details Tab.

Version 4.0.15 = Added Profiles Tab for Christine. Profile sizes can be got and profiles deleted as you would if you were in system>profiles.

Version 4.0.14 = Added "Clear Computers List" right click menu option for Ian.

Version 4.0.13 = Added "StoreApps" tab with detection for Microsoft Store Apps and MSIX packages.

Version 4.0.12 = 1) Fixed – Package Execute (RunAs) account was not functioning with a restricted logged on user. Fixed WINRM configuration if not Connected to a domain and setup via Policies.

Version 4.0.11 = 1) Fixed - Package not deleted off of remote pc after Execute via WMI button (manual checks).

Version 4.0.10 = 1) New PowerShell Invoke command button added to start page. 2) New Install routines on Execute tab (PowerShell driven).

3) Dropped the need for all third-party executables (Remcom and paexec) are now no longer needed. 4) Dropdown server list now remembers.

5) Fixed create local user button. (Password length and complexity has changed in windows. 6) Changed helpdesk save details to be per computer.

7) Removed VNC tab as it wasn't working correctly.

Version 4.0.09 = 1) Missed this release number.

Version 4..008 = 1) New 3<sup>rd</sup> party Drivers tab which lists additional installed drivers on the WIM. 2) New WIM-Optional Features tab with current state.

Version 4.0.07 = 1) Updated Patches tab with Remote KB uninstall button for Windows 7, Windows 8 and Windows 10 Computers. (DISM based).

Version 4.0.06 = 1) New "Computer List". New "Right click" Add/Delete/Connect Items. ("Computer list" is now remembered next launch).

Version 4.0.05 = 1) Fixed What Logon-Server button. Fixed User Tab detections. Added APPV5 Detection help and new detection buttons.

Version 4.0.04 = 1) Product unlocked for everyone – FREE fully functional.

Version 4.0.03 = 1) Fully functional 30-day trial offered.

Version 4.0.02 = 1) GUI changed to Metro Interface.

Version 4.0.01 = 1) Added AD user buttons on Home page for Email Address / Phone numbers / mobile Number.

Version 4.0.00 = 1) Public Release Version supporting any PC with Dot-Net 4 installed.

Version 1.090 = 1) Encrypted serial number from prying eyes.

Version 1.089 = 1) Information updated on the Install / Remove packages tab.

Version 1.088 = 1) Removed REMCOM plain text password security issue. REMCOM Connections use NTLM security authentication now.

Version 1.087 = 1) Ordered buttons alphabetically on HOME.

Version 1.086 = 1) Added Hard Reset Policy SCCM client tools button.

Version 1.085 = 1) Added SCCM client tools buttons code (26) and (121).

Version 1.084 = 1) Changed SCCM user adverts list routine to use AD based SID detection rather than local PC (Explorer.exe).

Version 1.083 = 1) Cosmetic changes to fix full screen fitting.

Version 1.082 = 1) Added logged on user credential tick box and corrected checking for blank entries.

Version 1.081 = 1) Added RDT Registry Editor full key and value creation right click options.

Version 1.080 = 1) Added PayPal button on HOME. 2) Replaced PSEXEC with PAEXEC (commercially free redistributable).

Version 1.079 = 1) Install / Remove packages tab updated.

Version 1.078 = 1) Updated RDT Registry viewer to Editor.

Version 1.077 = 1) Added Start-up Item button and coded.

Version 1.076 = 1) Added RDT Registry Viewer.

Version 1.0.75 = 1) Added PayPal button on HOME. 2) Replaced PSEXEC with PAEXEC (commercially free redistributable).

Version 1.0.74 = 1) Added Helpdesk reference section on HOME.

Version 1.0.73 = 1) Minor cosmetic GUI re-arrangements and renaming / tidying up done.

Version 1.0.72 = 1) Fixed spurious connections issues on certain buttons if not connected to a PC. Cut initial connection test to max 5 seconds length.

Version 1.0.71 = 1) Non-Commercial Icons replace all previous part commercial and fully commercial Icons in the program.

Version 1.0.70 = 1) New GUI and layout applied for production and buttons added / moved etc.

Version 1.0.69 = 1) Changed connection check to TCP on port 3389 (RDP) and removed ping check.

Version 1.0.68 = 1) Added detection for Reader DC.

Version 1.0.67 = 1) Added PowerShell button (with included remote WINRM start) to the APPV5 form for proper Administration via PowerShell.

Version 1.0.66 = 1) Added Appv-5 detection and new APPV4 or APPV5 forms as seen screens above.

Version 1.0.65 = 1) Removed previous "." addition to the IP address to make the tool work on Windows 8.1 and Server 2012.

Version 1.0.64 = 1) Reboot button added (with check). 2) 1E Nomad and PXE tab added.

Version 1.0.63 = 1) Fixed Java detection on PC-info tab for new java versions > 1.7.0.55 and 1.8 or above. 2) Added TNS\_ADMIN detection to user tab.

Version 1.0.62 = 1) Fixed user detection on first connect button.

Version 1.061 = 1) Added User rerun Advert button.

Version 1.060 = 1) Added Machine rerun Advert button.

Version 1.059 = 1) Fixed Detica Agent detection on PC-Info tab.

Version 1.058 = 1) Added Lumensions server line detection to the PC-Info tab.

Version 1.057 = 1) Fixed x86 and x64 APPV Cache details tab. APPV Cache can now be measured properly.

Version 1.056 = 1) Added WMIFIX SCCM command.

Version 1.055 = 1) Fixed SCCM buttons remote commands.

Version 1.054 = 1) Fixed Install and Remove software buttons for Helpdesk.

Version 1.051-53 = 1) Fix the WMI cannot connect to PC that sometimes is seen. 2) Changed to Installer folder for logs.

Version 1.050 = 1) Added Office 2013 detection.

Version 1.047-49 = 1) Adobe Reader Detection on PC-INFO tab fixed. 2) Added APPV cache details tab (works for x86 only).

Version 1.046 = 1) Changed Start-up page to detect previously connected PC's at launch. 2) Added permanent comments field for selected PC.

Version 1.045 = 1) Added Adobe reader detection for version 11.

Version 1.044 = 1) Added VNC tab with remote VNC setup for remote control of user's PC.

Version 1.043 = 1) Few minor cosmetic appearance changes.

Version 1.042 = 1) Fixed Avecto version detection on PC info tab. 2) Added Running Jobs detection on SCCM tab.

Version 1.041 = 1) Added SCCM Provisioning check on connect. (Checks to see if SCCM jobs are halted or not) FALSE (Green) is good, TRUE (Red) is BAD.

Version 1.040 = 1) Added Processor Usage tab.

Version 1.039 = 1) Fixed initial connection problems. 2) Moved PC info to its own tab. 3) Added User tab (Printers and Network drives). 4) Added x64 detection for certain software.

Version 1.036 = 1) Fixed / enhanced "Windows Update Detection" and "Other Updates detection" on x64 PC's on the Installed patches tab.

Version 1.035 = 1) Added detection of Adobe Reader 11.0.00

Version 1.034 = 1) Corrected Adobe Reader blank string detection.

Version 1.033 = 1) Updated Groups tab. 2) Updated HOME to include Avecto version. 3) Added check to Uninstall (on installed software tab).

Version 1.032 = 1) Corrected "Installed Software" Uninstall button REBOOT=REALLYSUPPRESS tag added.

Version 1.031 = 1) Improved APPV tab layout and functionality. 2) Added help button.

Version 1.030 = 1) Improved the File Association detection tab.

Version 1.029 = 1) Added detection for Adobe Reader 9.5.1

Version 1.028 = 1) Added Install and Uninstall command line text entry boxes so any file can be run.

Version 1.025 - 1.027 = Minor application fixes and tweaks that were asked for by people.

Version 1.024 = 1) Re-worked so application will fit to minimum laptop 1200x600 size screen.

Version 1.023 = 1) Fixed Date ordering on Installed software and SCCM Execution history tabs.

Version 1.022 = 1) Added Lumensions detection.

Version 1.021 = 1) Fixed MSI list problem. 2) Fixed "select cell" issue.

Version 1.020 = 1) Updated SCCM tab (New features). 2) Corrected MIR agent versions detection issue.

Version 1.019 = 1) Changed Install Packages on Install Page to be Universal. (I.E. enter the package directory to install from...)

Version 1.018 = 1) Fixed Group-Member detection on x64. 2) Fixed Remote Command on x64. 3) Added "Who Run" to Task Manager (as seen above).

Version 1.017 = 1) Added Appsense agent detection. 2) Made tool universal.

Version 1.016 = 1) Added to MSI tab, the Installed date/time now shown for MSI's in the MSI Database.

Version 1.015 = 1) Fixed 32bit installed software detection as well as x64 software detection on x64 machine.

Version 1.014 = 1) Added Windows 7 x64 support. 2) Re-ordered Tabs. 3) Added colour to help button usage. 4) Updated Help File.

Version 1.013 = 1) Added Detica agent detection

Version 1.012 = 1) Fixed group membership issue.

Version 1.011 = 1) Added Disk tab.

Version 1.001 - 1.010 = 1) Primary design of tool.

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