



Workplace Ninja

User Group Finland

**Ninja-Level Windows and Intune
Troubleshooting with Petri's and IT Community's
Tools – WPNinjasFI Edition 2025**

Petri Paavola, Windows and Intune MVP, Yodamiitti Oy

THANKS FOR THE SPONSORS!



Petri Paavola

Microsoft MVP –
Windows and Intune

Senior Modern Management Principal

Petri.Paavola@yodamiitti.fi

Skills

- › Powershell / Graph API
- › AI
- › Windows Autopilot + Intune + Intune for Education
- › Windows Deployment and Management
- › Traditional on-prem deployment and management
- › Consulting & Training



@petripaavola
@intune.ninja

<https://github.com/petripaavola>

[Intune.ninja](#)

[Powershell.ninja](#)

Over 25 years of work experience

Current (10+ years):

- › Yodamiitti Oy / Owner
Consulting / Training

Past:

- › Aalto university / IT-services
Responsible for Workstation service





Agenda

wpninjas.fi

Key takeaways:

- New features, tips and tricks
- AI enables you to do more!
- DEMOS, DEMOS, DEMOS!

- Community Tools – New Features
- Use AI in coding
- Use AI in Troubleshooting
- Lot's of DEMOS
-

Intune Community Tools Updates

Quick overview of tools and new features.



Intune Community Tools

- ClipboardTools
- Get-IntuneManagementExtensionDiagnostics
- Get-IntuneDeviceDetails
- Get-WindowsTroubleshootingReportCommunity – Updated!
 - It is actually officially out there! 😊
 - I just forgot to tell the world about this :D
- Get-IntuneAppAssignmentsAndRelationsReport – Updated, New Features!
- And some smaller one-task tools...



```
PS C:\powershell> Get-Command ClipboardTools-*
```

CommandType	Name	Version	Source
Function	ClipboardTools-ConvertFromBase64	1.2	ClipboardTools
Function	ClipboardTools-ConvertHexToString	1.2	ClipboardTools
Function	ClipboardTools-ConvertStringToHex	1.2	ClipboardTools
Function	ClipboardTools-ConvertToBase64	1.2	ClipboardTools
Function	ClipboardTools-CopyPaste	1.2	ClipboardTools
Function	ClipboardTools-CopyPasteUrl	1.2	ClipboardTools
Function	ClipboardTools-EdgeDebuggerMGGraphPowerShellScript	1.2	ClipboardTools
Function	ClipboardTools-JsonCompress	1.2	ClipboardTools
Function	ClipboardTools-JsonUncompress	1.2	ClipboardTools
Function	ClipboardTools-NewGuidToClipboard	1.2	ClipboardTools
Function	ClipboardTools-ObjectifyIntuneJsonReport	1.2	ClipboardTools
Function	ClipboardTools-PasteObjectToExcel	1.2	ClipboardTools
Function	ClipboardTools-SaveImageToFile	1.2	ClipboardTools
Function	ClipboardTools-SaveTextToFile	1.2	ClipboardTools
Function	ClipboardTools-Sort	1.2	ClipboardTools
Function	ClipboardTools-ValidateJson	1.2	ClipboardTools
Function	ClipboardTools-ValidatePowerShellSyntax	1.2	ClipboardTools
Function	ClipboardTools-ValidateXml	1.2	ClipboardTools

```
PS C:\powershell> |
```

ClipboardTools-* PowerShell module updates

Toolset to help analyzing Intune log files manually and create your own Intune scripts easily



ClipboardTools

- ClipboardTools is set of tools which helps you to
 - Extract and convert log entries to human readable format
 - For example: json expansion and base64 conversions
- Updated: Create Intune/Graph API scripts without knowing Powershell or Graph API "at all"
- Other useful little tools to help your everyday life
- New tools to help some troubleshooting tasks
- Easy install from Powershell Gallery:

Install-Module -Name ClipboardTools -Scope CurrentUser





ClipboardTools

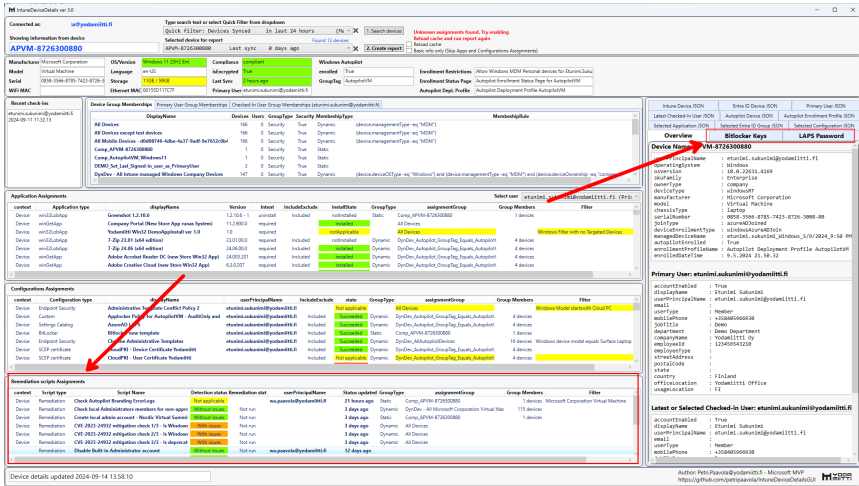
wpninjas.fi

```
PS C:\powershell> Get-Command ClipboardTools-*
```

CommandType	Name	Version	Source
-----	----	-----	-----
Function	ClipboardTools-ConvertFromBase64	1.2	ClipboardTools
Function	ClipboardTools-ConvertHexToString	1.2	ClipboardTools
Function	ClipboardTools-ConvertStringToHex	1.2	ClipboardTools
Function	ClipboardTools-ConvertToBase64	1.2	ClipboardTools
Function	ClipboardTools-CopyPaste	1.2	ClipboardTools
Function	ClipboardTools-CopyPasteUrl	1.2	ClipboardTools
Function	ClipboardTools-EdgeDebuggerMGGraphPowerShellScript	1.2	ClipboardTools
Function	ClipboardTools-JsonCompress	1.2	ClipboardTools
Function	ClipboardTools-JsonUncompress	1.2	ClipboardTools
Function	ClipboardTools-NewGuidToClipboard	1.2	ClipboardTools
Function	ClipboardTools-ObjectifyIntuneJsonReport	1.2	ClipboardTools
Function	ClipboardTools-PasteObjectToExcel	1.2	ClipboardTools
Function	ClipboardTools-SaveImageToFile	1.2	ClipboardTools
Function	ClipboardTools-SaveTextToFile	1.2	ClipboardTools
Function	ClipboardTools-Sort	1.2	ClipboardTools
Function	ClipboardTools-ValidateJson	1.2	ClipboardTools
Function	ClipboardTools-ValidatePowerShellSyntax	1.2	ClipboardTools
Function	ClipboardTools-ValidateXml	1.2	ClipboardTools

```
PS C:\powershell> |
```

<https://github.com/petripaavola/ClipboardTools>



IntuneDeviceDetailsGUI

<https://github.com/petripaavola/IntuneDeviceDetailsGUI>



IntuneDeviceDetailsGUI

- Graphical Intune report which tells a LOT of information in one view
- This information is not easily available in Intune web console without doing tens of clicks to different pages and remembering everything you have seen in last few minutes of clicking
- Download from Petri's GitHub
 - <https://github.com/petripaavola/IntuneDeviceDetailsGUI>





IntuneDeviceDetailsGUI

wpnijas.fi

IntuneDeviceDetails ver 3.0

Connected as: **la@yodamiitti.fi**

Type search text or select Quick Filter from dropdown

Quick filter: Devices Synced in last 24 hours (Ma) X 1. Search devices

Showing information from device

Selected device for report **APVM-8726300880** Found 13 devices

2. Create report

Unknown assignments found. Try enabling Reload cache and run report again

Reload cache

Basic info only (Skip Apps and Configurations Assignments)

Manufacturer: Microsoft Corporation

Model: Virtual Machine

Serial: 0858-3566-8785-7423-8726-3

WiFi MAC:

OS/Version: Windows 11 23H2 Ent

Language: en-US

Storage: 11GB / 59GB

Ethernet MAC: 00155D117C7F

Compliance: compliant

isEncrypted: True

Last Sync: 2 hours ago

Primary User: etunimi.sukunimi@yodamiitti.fi

Windows Autopilot: enrolled True

GroupTag: AutopilotVM

Enrollment Restrictions: Allow Windows MDM Personal devices for Etunimi.Suku

Enrollment Status Page: Autopilot Enrollment Status Page for AutopilotVM

Autopilot Depl. Profile: Autopilot Deployment Profile AutopilotVM

Recent check-ins

etunimi.sukunimi@yodamiitti.fi
2024-09-11 11.32.13

Device Group Memberships

Primary User Group Memberships

Checked-In User Group Memberships (etunimi.sukunimi@yodamiitti.fi)

DisplayName	Devices	Users	GroupType	Security	MembershipType	MembershipRule
All Devices	166	0	Security	True	Dynamic	(device.managementType -eq "MDM")
All Devices except test devices	166	0	Security	True	Dynamic	(device.managementType -eq "MDM")
All Mobile Devices - d0d08746-4dbe-4a37-9adf-9e7652c0b4	166	0	Security	True	Dynamic	(device.managementType -eq "MDM")
Comp_APVM-8726300880	1	0	Security	True	Static	
Comp_AutopilotVM_Windows11	1	0	Security	True	Static	
DEMO_Set_Last_Signed-in_user_as_PrimaryUser	3	0	Security	True	Static	
DynDev - All Intune Managed Windows Company Devices	147	0	Security	True	Dynamic	(device.deviceOSType -eq "Windows") and (device.managementType -eq "MDM") and (device.deviceOwnership -eq "company")

Application Assignments

Select user: etunimi.sukunimi@yodamiitti.fi (Pri)

context	Application type	displayName	Version	Intent	Include/Exclude	installState	GroupType	assignmentGroup	Group Members	Filter
Device	win32LobApp	Greenshot 1.2.10.6	1.2.10.6 - 1	uninstall	Included	notinstalled	Static	Comp_APVM-8726300880	1 devices	
Device	winGetApp	Company Portal (New Store App runs System)	11.2.900.0	required		installed		All Devices		
Device	win32LobApp	Yodamiitti Win32 DemoAppInstall ver 1.0	1.0	required		notApplicable		All Devices		Windows Filter with no Targeted Devices
Device	win32LobApp	7-Zip 23.01 (x64 edition)	23.01.00.0	required	Included	notinstalled	Dynamic	DynDev_Autopilot_GroupTag_Equals_Autopilot	4 devices	
Device	win32LobApp	7-Zip 24.06 (x64 edition)	24.06.00.0	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equals_Autopilot	4 devices	
Device	winGetApp	Adobe Acrobat Reader DC (new Store Win32 App)	24.003.201	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equals_Autopilot	4 devices	
Device	winGetApp	Adobe Creative Cloud (new Store Win32 App)	6.3.0.207	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equals_Autopilot	4 devices	

Configurations Assignments

etunimi.sukunimi@yodamiitti.fi

context	Configuration type	displayName	userPrincipalName	Include/Exclude	state	GroupType	assignmentGroup	Group Members	Filter
Device	Endpoint Security	Administrative Template Conflict Policy 2	etunimi.sukunimi@yodamiitti.fi		Not applicable		All Devices		Windows Model startswith Cloud PC
Device	Custom	Applocker Policy for AutopilotVM - AuditOnly and	etunimi.sukunimi@yodamiitti.fi	Included	Succeeded	Dynamic	DynDev_Autopilot_GroupTag_Equals_Autopilot	4 devices	
Device	Settings Catalog	AzureAD LAPS	etunimi.sukunimi@yodamiitti.fi	Included	Succeeded	Dynamic	DynDev_Autopilot_GroupTag_Equals_Autopilot	4 devices	
Device	BitLocker	BitLocker - new template	etunimi.sukunimi@yodamiitti.fi	Included	Succeeded	Static	Comp_APVM-8726300880	1 devices	
Device	Endpoint Security	Chrome Administrative Templates	etunimi.sukunimi@yodamiitti.fi	Included	Succeeded	Dynamic	DynDev_AllAutopilotDevices	16 devices	Windows device model equals Surface Laptop
Device	SCEP certificate	CloudPKI - Device Certificate Yodamiitti	etunimi.sukunimi@yodamiitti.fi	Included	Succeeded	Dynamic	DynDev_Autopilot_GroupTag_Equals_Autopilot	4 devices	
Device	SCEP certificate	CloudPKI - User Certificate Yodamiitti	etunimi.sukunimi@yodamiitti.fi	Included	Not applicable	Dynamic	DynDev_Autopilot_GroupTag_Equals_Autopilot	4 devices	

Remediation scripts Assignments

context	Script type	Script Name	Detection status	Remediation stat	userPrincipalName	Status updated	GroupType	assignmentGroup	Group Members	Filter
Device	Remediation	Check Autopilot Branding ErrorLogs	Not applicable		wa.paavola@yodamiitti.fi	21 hours ago	Static	Comp_APVM-8726300880	1 devices	Microsoft Corporation Virtual Machine
Device	Remediation	Check local Administrators members for non-apprc	Without issues	Not run		3 days ago	Dynamic	DynDev - All Microsoft Corporation Virtual Mac	115 devices	
Device	Remediation	Create local admin account - Nordic Virtual Summi	Without issues	Not run		3 days ago	Static	Comp_APVM-8726300880	1 devices	
Device	Remediation	CVE-2023-24932 mitigation check 1/3 - Is Windows	With issues	Not run		3 days ago	Dynamic	All Devices		
Device	Remediation	CVE-2023-24932 mitigation check 2/3 - Is Windows	With issues	Not run		3 days ago	Dynamic	All Devices		
Device	Remediation	CVE-2023-24932 mitigation check 3/3 - Is deprec	With issues	Not run		3 days ago	Dynamic	All Devices		
Device	Remediation	Disable Built-in Administrator account	Without issues	Not run	wa.paavola@yodamiitti.fi	12 days ago				

Intune Device JSON

Entra ID Device JSON

Primary User JSON

Latest Checked-In User JSON

Autopilot Device JSON

Autopilot Enrollment Profile JSON

Selected Application JSON

Selected Entra ID Group JSON

Selected Configuration JSON

Overview

Bitlocker Keys

LAPS Password

Device Name: VM-8726300880

userPrincipalName: etunimi.sukunimi@yodamiitti.fi

operatingSystem: Windows

osVersion: 10.0.22631.4169

skuFamily: Enterprise

ownerType: company

deviceType: windowsRT

manufacturer: Microsoft Corporation

model: Virtual Machine

chassisType: laptop

serialNumber: 0858-3566-8785-7423-8726-3008-80

joinType: azureADJoined

deviceEnrollmentType: windowsAzureADJoin

managedDeviceName: etunimi.sukunimi_Windows_5/9/2024_9:50 PM

autopilotEnrolled: True

enrollmentProfileName: Autopilot Deployment Profile AutopilotVM

enrolledDateTime: 9.5.2024 21.50.32

Primary User: etunimi.sukunimi@yodamiitti.fi

accountEnabled: True

displayName: Etunimi Sukunimi

userPrincipalName: etunimi.sukunimi@yodamiitti.fi

email:

userType: Member

mobilePhone: +358405966930

jobTitle: Demo

department: Demo Department

companyName: Yodamiitti Oy

employeeId: 123456543210

employeeType:

streetAddress:

postalCode:

state:

country: Finland

officeLocation: Yodamiitti Office

usageLocation: FI

Latest or Selected Checked-in User: etunimi.sukunimi@yodamiitti.fi

accountEnabled: True

displayName: Etunimi Sukunimi

userPrincipalName: etunimi.sukunimi@yodamiitti.fi

email:

userType: Member

mobilePhone: +358405966930

Device details updated 2024-09-14 13.58.10

Author: Petri.Paavola@yodamiitti.fi - Microsoft MVP
https://github.com/petripaavola/IntuneDeviceDetailsGUI

<https://github.com/petripaavola/IntuneDeviceDetailsGUI>

Get-IntuneManagementExtensionDiagnostics ver 2.5

Report ran: 2024.06.09 17:25
Computer Name: AutokysM2

Download Report tool from GitHub
Author: Pasi Paavola, Microsoft MVP

Win32App

WinGetApp

PowerShell script

Remediation

Status

Type

Intent

100%

100%

100%

Date	Status	Type	Intent	Details	Seconds	LogEntry
2024-01-01 23:59:59.0000000	Info			Possible Microsoft 365 Apps and Intune LDR MSI Apps are not shown in this report	0	Line 1
2024-06-09 06:10:02.9237205	Info			EMS Agent Started		Line 132
2024-06-09 06:10:06.0802705	Info			##### Device Preparation mode (APV2) detected #####		Line 151
2024-06-09 06:10:06.4803442	Info	User	Login	AutokysM2\autokysuser		Line 403
2024-06-09 06:23:16.2607500	Not Detected	Remediation	Detect	PowerShell script simulate long runtime (180 seconds) for user System	11	Line 415
2024-06-09 06:23:37.9717676	Not Detected	Remediation	Detect	CVE-2022-34832 mitigation check 3/3 - Is deprecated old Microsoft Windows Production PCA 2011 certificate revoked in UEFI db	6	Line 427
2024-06-09 06:23:53.8734960	Not Detected	Remediation	Detect	PowerShell script simulate long runtime (180 seconds) for user System	10	Line 427
2024-06-09 06:24:13.8201996	Not Detected	Remediation	Detect	CVE-2022-34832 mitigation check 3/3 - Is Windows UEFI CA 2023 certificate installed in Windows Boot Manager (bootmgfw.efi)	10	Line 439
2024-06-09 06:24:39.4096777	Not Detected	Remediation	Detect	CVE-2022-34832 mitigation check 1/3 - Is Windows UEFI CA 2023 certificate installed to UEFI db	7	Line 451
2024-06-09 06:25:20.9801020	Info			EMS Agent Stopped		Line 475
2024-06-09 06:33:41.6893565	Info			EMS Agent Started		Line 481
2024-06-09 06:36:55.5736633	Start	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user System		Line 881
2024-06-09 06:36:58.9207088	Success	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user System	183	Line 1002
2024-06-09 06:36:58.9321909	Success	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user System	183	Line 1002
2024-06-09 06:36:58.9322050	Start	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user System		Line 1005
2024-06-09 06:40:16.5883436	Success	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user System	18	Line 1050
2024-06-09 06:42:25.9545608	Success	Win32App	Required install	7-Zip 23.01 (x64 edition) (8 Success)	1	Line 1275
2024-06-09 06:42:30.9000703	Success	Win32App	Required install	PowerShell Script Runs System for user System	10	Line 1500
2024-06-09 06:42:39.6327206	Success	Win32App	Required install	Company Portal (New Store App runs System) for user	84	Line 1881
2024-06-09 06:43:06.5200444	Success	Win32App	Required install	Authenticity 2.5.1 (x64) (2 Success)	8	Line 2228
2024-06-09 06:43:33.4308819	Success	Win32App	Required install	Remediate 8.8.0 (x64) (2 Success)		Line 2636
2024-06-09 06:44:04.0781195	Info			##### Device Preparation mode (APV2) disabled. #####		Line 2754
2024-06-09 06:44:04.0781195	Info			##### Deployment time 23 Minutes, 1729 Seconds. #####		Line 2754
2024-06-09 06:51:48.2228194	Info	User	Login	AzureAD\chummiSukunni		Line 2781
2024-06-09 06:51:54.7802917	Start	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user AzureAD\chummiSukunni		Line 2824
2024-06-09 06:54:59.2140823	Success	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user AzureAD\chummiSukunni	184	Line 2868
2024-06-09 06:54:59.2140823	Success	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user AzureAD\chummiSukunni	184	Line 2868
2024-06-09 06:54:59.2201713	Start	PowerShell script	Execute	PowerShell script simulate long runtime (180 seconds) for user AzureAD\chummiSukunni		Line 2871
2024-06-09 06:55:18.9716402	Not Detected	Remediation	Detect	PowerShell script simulate long runtime (180 seconds) for user AzureAD\chummiSukunni	10	Line 2915
2024-06-09 06:55:18.9807689	Not Detected	Win32App	Required install	7-Zip 24.08 (x64 edition)		Line 3162
2024-06-09 06:55:18.9820514	Not Detected	Win32App	Required install	7-Zip 23.01 (x64 edition)		Line 3165
2024-06-09 06:55:18.9820516	Not Detected	Win32App	Required install	AuthenticityRunning ToolsetM1 v1.2		Line 3201
2024-06-09 06:55:19.5896202	Not Detected	Win32App	Required install	Company Portal (New Store App runs System) 11.2.448.0		Line 3301
2024-06-09 06:55:21.9418523	Not Detected	Win32App	Required install	Authenticity 2.5.1 (x64)		Line 3465
2024-06-09 06:55:31.7348122	Not Detected	Win32App	Required install	Remediate 8.8.0 x64		Line 3594
2024-06-09 06:56:09.9225532	Success	Win32App	Available install	Adobe Acrobat Reader DC (new Store Win32 App) for user AzureAD\chummiSukunni	202	Line 4360
2024-06-09 06:56:52.8650467	Success	Remediation	Setup	Check Tool Events - Microsoft Customer Compliance Sample Setup	4	Line 4360
2024-06-09 06:57:06.8215883	Not Detected	Remediation	Detect	CVE-2022-34832 mitigation check 3/3 - Is deprecated old Microsoft Windows Production PCA 2011 certificate revoked in UEFI db	3	Line 4377
2024-06-09 06:57:20.9812718	Not Detected	Remediation	Detect	CVE-2022-34832 mitigation check 3/3 - Is deprecated old Microsoft Windows Production PCA 2011 certificate revoked in UEFI db	6	Line 4380
2024-06-09 06:57:36.6800148	Not Detected	Remediation	Detect	CVE-2022-34832 mitigation check 2/3 - Is Windows UEFI CA 2023 certificate installed to Windows Boot Manager (bootmgfw.efi)	7	Line 4341
2024-06-09 06:58:01.521873096	Not Detected	Remediation	Detect	CVE-2022-34832 mitigation check 1/3 - Is Windows UEFI CA 2023 certificate installed to UEFI db	4	Line 4352
2024-06-09 06:58:10.9877786	Not Detected	Win32App	Available install	Adobe Acrobat Reader DC (new Store Win32 App) 23.008.20853		Line 4352
2024-06-09 06:58:29.4203053	Not Detected	Win32App	Available install	Adobe Acrobat Reader DC (new Store Win32 App) 23.008.20853		Line 4687
2024-06-09 06:58:52.2208805	Not Detected	Win32App	Available install	Adobe Acrobat Reader DC (new Store Win32 App) 23.008.20853		Line 4687
2024-06-09 06:59:14.0602024	Not Detected	Win32App	Available install	Adobe Acrobat Reader DC (new Store Win32 App) 23.008.20853		Line 4624

Get-IntuneManagementExtensionDiagnostics

Famous Intune log events analysis report tool



Get-IntuneManagementExtensionDiagnostics

- **Get-IntuneManagementExtensionDiagnostics** creates report of Intune Management Extension agent events from Intune log files
 - Output is easy to read HTML report
 - Shows information what happened and why
-
- Easy download from Powershell Gallery:

Version History		
Version	Downloads	Last updated
3.0 (current version)	102,184	9/17/2024
2.4	815	8/29/2024
2.3	4,911	5/9/2024
2.0	8,426	9/26/2023
1.1	2,742	3/13/2023

Save-Script Get-IntuneManagementExtensionDiagnostics -Path ./





Get-IntuneManagementExtensionDiagnostics

wpninjas.fi

Get-IntuneManagementExtensionDiagnostics ver 2.5

Report run: 2024-06-09 17:25
Computer Name: AutopilotV2

Download Report tool from GitHub
Author: Petri Paavola - Microsoft MVP

☐ Win32App

☐ WinGetApp

☐ Powershell script

☐ Remediation

Status

All

Detected (11)

Info (9)

Not Detected (8)

Type

All

Intent

All

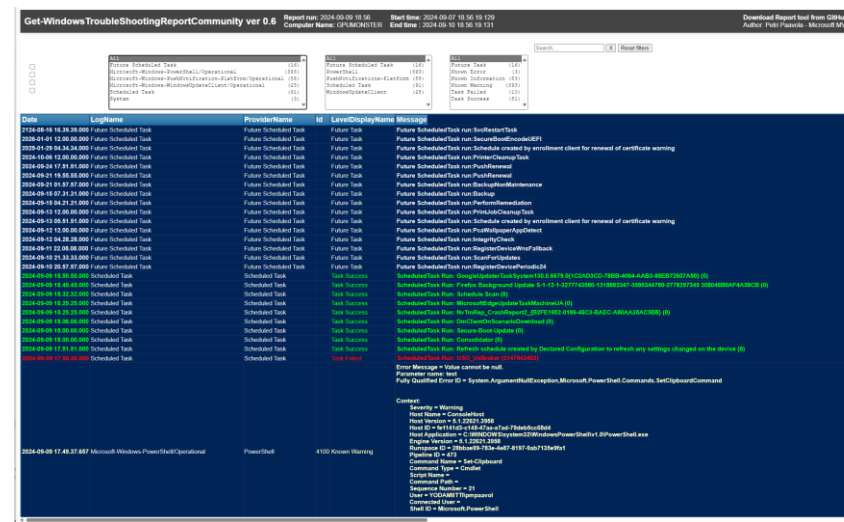
Search...

X

Reset filters

Date	Status	Type	Intent	Detail	Seconds	LogEntry
1900-01-01 23:59:59.0000000	Info			Possible Microsoft 365 Apps and Intune LOB MSI Apps are not shown in this report		0
2024-06-09 05:15:02.9231255	Info			EMS Agent Started		Line 1
2024-06-09 05:15:05.0953781	Info			##### Device Preparation mode (APv2) detected #####		Line 112
2024-06-09 05:18:08.4663442	Info	User	Login	AutopilotV2\defaultuser0		Line 151
2024-06-09 05:23:16.3307592	Success	Remediation	Detect	Check TPM Exists - Microsoft Custom Compliance Example Script	11	Line 403
2024-06-09 05:23:37.9717876	Not Detected	Remediation	Detect	CVE-2023-24932 mitigation check 3/3 - Is deprecated old Microsoft Windows Production PCA 2011 certificate revoked in UEFI db	6	Line 415
2024-06-09 05:23:53.8784680	Success	Remediation	Detect	Check local Administrators members for non-approved accounts	10	Line 427
2024-06-09 05:24:13.8331996	Not Detected	Remediation	Detect	CVE-2023-24932 mitigation check 2/3 - Is Windows UEFI CA 2023 certificate installed to Windows Boot Manager (bootmgfw.efi)	16	Line 439
2024-06-09 05:24:39.4594677	Not Detected	Remediation	Detect	CVE-2023-24932 mitigation check 1/3 - Is Windows UEFI CA 2023 certificate installed to UEFI db	7	Line 451
2024-06-09 05:31:25.9890139	Info			EMS Agent Stopped		Line 475
2024-06-09 05:33:41.6993565	Info			EMS Agent Started		Line 481
2024-06-09 05:36:55.5716853	Start	Powershell script	Execute	Powershell script simulate long runtime (180 seconds) for user System		Line 841
2024-06-09 05:39:58.9321059	Success	Powershell script	Execute	Powershell script simulate long runtime (180 seconds) for user System	183	Line 1002
2024-06-09 05:39:58.9321059	Warning	Powershell script	Execute	Long Powershell script runtime found (183 seconds)	183	Line 1002
2024-06-09 05:39:58.9321059	Start	Powershell script	Execute	Powershell Script Runas System for user System		Line 1005
2024-06-09 05:40:16.5883430	Success	Powershell script	Execute	Powershell Script Runas System for user System	18	Line 1050
2024-06-09 05:40:25.9164580	Success	Win32App	Required Install	7-Zip 24.06 (x64 edition) (0 Success)	1	Line 1279
2024-06-09 05:41:00.0900753	Success	Win32App	Required Install	AutopilotBranding Yodamliitti v2.2 (0 Success)	10	Line 1500
2024-06-09 05:42:39.6327556	Success	WinGetApp	Required Install	Company Portal (New Store App runas System) for user	84	Line 1851
2024-06-09 05:43:06.5202644	Success	Win32App	Required Install	Audacity 3.5.1 64bit (0 Success)	8	Line 2238
2024-06-09 05:43:33.4590810	Success	Win32App	Required Install	Notepad++ 8.6.8 x64 (0 Success)	2	Line 2636
2024-06-09 05:44:04.0708195	Info			##### Device Preparation mode (APv2) disabled. #####		Line 2754
2024-06-09 05:44:04.0708195	Info			##### Deployment time 29 Minutes 1739 Seconds #####		Line 2754
2024-06-09 05:51:48.2228194	Info	User	Login	AzureAD\TunimiSukunimi		Line 2781
2024-06-09 05:51:54.7882917	Start	Powershell script	Execute	Powershell script simulate long runtime (180 seconds) for user AzureAD\TunimiSukunimi		Line 2824
2024-06-09 05:54:59.2140933	Success	Powershell script	Execute	Powershell script simulate long runtime (180 seconds) for user AzureAD\TunimiSukunimi	184	Line 2868
2024-06-09 05:54:59.2140933	Warning	Powershell script	Execute	Long Powershell script runtime found (184 seconds)	184	Line 2868
2024-06-09 05:54:59.2297173	Start	Powershell script	Execute	Powershell Script Runas System for user AzureAD\TunimiSukunimi		Line 2871
2024-06-09 05:55:16.9116425	Success	Powershell script	Execute	Powershell Script Runas System for user AzureAD\TunimiSukunimi	18	Line 2915
2024-06-09 05:55:18.7887582	Detected	Win32App	Required Install	7-Zip 24.06 (x64 edition)		Line 3162
2024-06-09 05:55:18.8825014	Not Detected	Win32App	Required Install	7-Zip 23.01 (x64 edition)		Line 3165
2024-06-09 05:55:18.9762539	Detected	Win32App	Required Install	AutopilotBranding Yodamliitti v2.2		Line 3201
2024-06-09 05:55:19.5856292	Detected	WinGetApp	Required Install	Company Portal (New Store App runas System) 11.2.448.0		Line 3301
2024-06-09 05:55:31.6410653	Detected	Win32App	Required Install	Audacity 3.5.1 64bit		Line 3465
2024-06-09 05:55:31.7348122	Detected	Win32App	Required Install	Notepad++ 8.6.8 x64		Line 3594
2024-06-09 06:03:09.1225532	Success	WinGetApp	Available Install	Adobe Acrobat Reader DC (new Store Win32 App) for user AzureAD\TunimiSukunimi	202	Line 4360
2024-06-09 06:00:52.8935947	Success	Remediation	Detect	Check TPM Exists - Microsoft Custom Compliance Example Script	4	Line 4305
2024-06-09 06:01:06.8219883	Not Detected	Remediation	Detect	CVE-2023-24932 mitigation check 3/3 - Is deprecated old Microsoft Windows Production PCA 2011 certificate revoked in UEFI db	3	Line 4317
2024-06-09 06:01:20.0012718	Success	Remediation	Detect	Check local Administrators members for non-approved accounts	6	Line 4329
2024-06-09 06:01:35.6900148	Not Detected	Remediation	Detect	CVE-2023-24932 mitigation check 2/3 - Is Windows UEFI CA 2023 certificate installed to Windows Boot Manager (bootmgfw.efi)	7	Line 4341
2024-06-09 06:01:52.9753696	Not Detected	Remediation	Detect	CVE-2023-24932 mitigation check 1/3 - Is Windows UEFI CA 2023 certificate installed to UEFI db	4	Line 4353
2024-06-09 06:03:10.5917166	Detected	WinGetApp	Available Install	Adobe Acrobat Reader DC (new Store Win32 App) 23.008.20533		Line 4432
2024-06-09 06:03:29.4203553	Detected	WinGetApp	Available Install	Adobe Acrobat Reader DC (new Store Win32 App) 23.008.20533		Line 4667
2024-06-09 06:08:02.2358865	Detected	WinGetApp	Available Install	Adobe Acrobat Reader DC (new Store Win32 App) 23.008.20533		Line 4897
2024-06-09 06:13:14.0662294	Detected	WinGetApp	Available Install	Adobe Acrobat Reader DC (new Store Win32 App) 23.008.20533		Line 5624

<https://github.com/petripaavola/Get-IntuneManagementExtensionDiagnostics>



Released -

Get-WindowsTroubleShootingReportCommunity

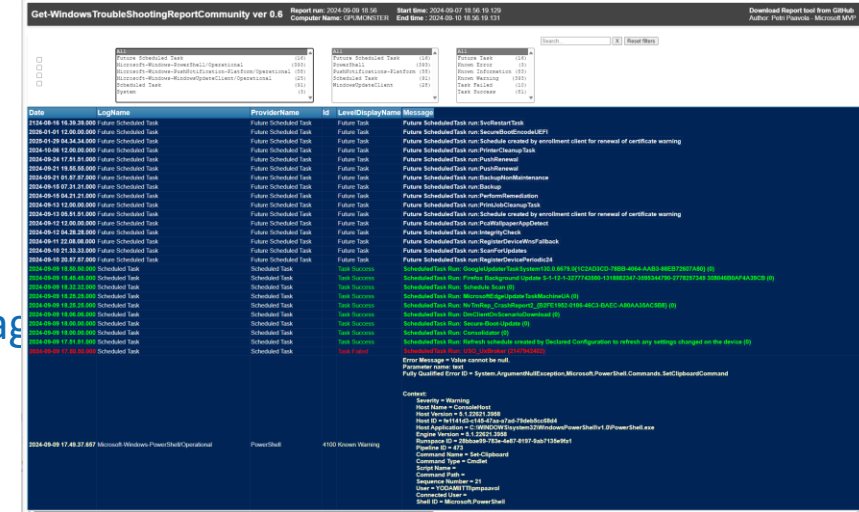
The Ultimate Windows and Intune Troubleshooting Tool to troubleshoot anything and you can be part of the Contributing Community!

<https://github.com/petripaavola/Get-WindowsTroubleshootingReportCommunity>



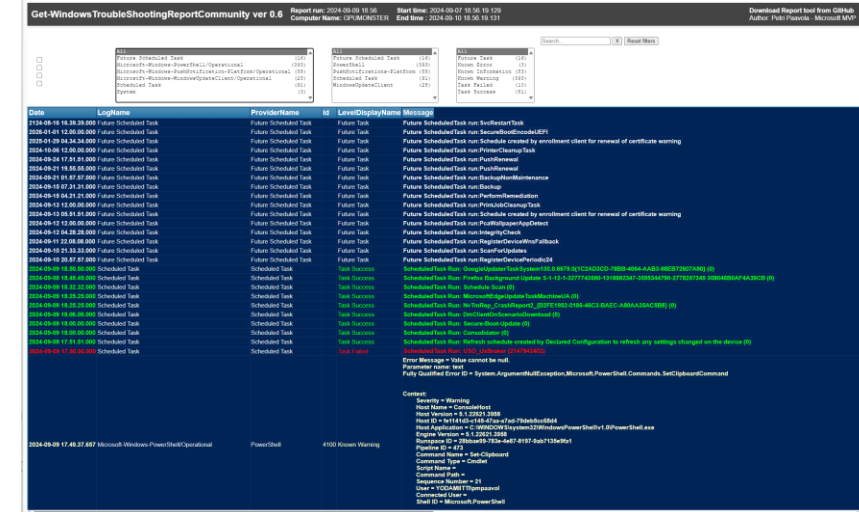
Get-WindowsTroubleShootingReportCommunity

- Read Windows Event logs
 - Online or from saved files (downloaded Diagnostics package)
- Read any .log file format
 - No restrictions for log file format as long as there is dateTime and message
 - Intune/ConfigMgr CMTrace the most important ones but others too
- Show events and logs sorted by dateTime
 - This gives **timeline** what happened
 - For troubleshooting specific case you can show **ALL** events and logs
- Detect Known Events and log messages
 - Create easy to read report with only Known Events and log entries
 - Run report for extended long period (easily 30-365 days)
- Convert Known GUIDs to real names
- Realtime filtering and search by many ways in HTML report
 - Scenario-based troubleshooting, for example Updates troubleshooting
- Create (and share) your own Known Event Rules easily for detection



Get-WindowsTroubleShootingReportCommunity

- **Scenario based views. For example do you really know exactly**
 - When Windows Updates installed in last 30 days, or not installed
 - When updates were actually installed after restart
 - What Firmware updates have been installed during last 365 days
 - Has Defender for Endpoint updated AV signatures and how often it runs
 - When computer restarted and changed to different power modes
 - What and when MSI applications installed and if they succeeded
 - When Store apps updated or failed
 - What PowerShell scripts ran in computer
 - Intune related events (enrollment, sync, MDM setting, app and scripts run)
 - ConfigMgr related events
 - What Errors there are in Event logs for last x minutes/hours/days
 - Did your Intune MDM policies succeed or failed
 - Device & Application crashes
 - and much more ...
- **You can help by creating and sharing more Known Event rules!**



Get-WindowsTroubleShootingReportCommunity

DEMO



Dependencies

Filter dependencies...

Parent App	Parent Detection	Dependency Type	Depends On	Dependency Version	Dependency Detection
Aziti DualBoot Update to version 2442X Yodamitti Oy	Custom Script	detect	Aziti DualBoot asernus versio 2417D	2417D	Detection Rule
Aziti DualBoot Update to version 2505D Yodamitti Oy	Custom Script	detect	Aziti DualBoot asernus versio 2417D	2417D	Detection Rule
Aziti DualBoot Update to version 2517D Yodamitti Oy	Custom Script	detect	Aziti DualBoot asernus versio 2417D	2417D	Detection Rule
Aziti DualBoot Update to version 2527D Yodamitti Oy	Custom Script	detect	Aziti DualBoot asernus versio 2517L	2517L	Detection Rule
Ekspelli Sujuvus 2018	Detection Rule	autostall	OpenJDK_JRE with Hotspot 11.0.19+7 (x64)	11.0.19.7	Detection Rule
HP Universal Printer Driver PCL6.6 Middle Wrapper	Detection Rule	autostall	Install HP Universal Printing PCL6 Driver 6.8.0.24296		Custom Script
Install Printer Yodamitti Office HP-PlaserJetPro MFP M272dw	Custom Script	autostall	HP Universal Printer Driver PCL 6 Middle Wrapper		Detection Rule

Get-IntuneAppAssignmentsAndRelationsReport

Detect problematic Detection Rules automatically

<https://github.com/petripaavola/Get-IntuneAppAssignmentsAndRelationsReport>



Get-IntuneAppAssignmentsAndRelationsReport

- Generates two comprehensive HTML reports from Microsoft Intune:
 - Application Assignments
 - Application Relationships (Supersedence and Dependency)
- Unified view of Entra ID group assignments for Intune apps
- Advanced filtering, impact analysis and interactive HTML reports
- "Visualizes" app supersedence and dependencies, including update chains
- **Hero feature: Automatic detection of problematic detection rules in superseded apps**



☐ Windows

☐ Android

☐ iOS

☐ macOS

App Type

All

androidManagedStoreApp (46)

androidManagedStoreWebApp (4)

iosStoreApp (2)












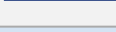
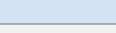

Target Group

All

Filter name

All

Search... X Reset filters

icon ↑	App type ↑	Publisher ↑	App Name	Version	Assignment status	Target Group ↑	devices ↑	users ↑	Filter name ↑	Filter Intent ↑
	win32LobApp	Igor Pavlov	7-Zip 24.09 arm64	24.09	Available	All Users	0	0		
	win32LobApp	Igor Pavlov	7-Zip 24.09 arm64	24.09	Available	All Users	0	0		
	win32LobApp	Igor Pavlov	7-Zip 24.09 arm64	24.09	Required Included	Intune_EnrollmentTimeGrouping_DevicePreparationPolicyForAutomatic	0	0		
	win32LobApp	Igor Pavlov	7-Zip 24.09 arm64	24.09	Required Included	DynDev_Autopilot_GroupTag_Equals_AutopilotVM	4	0		
	win32LobApp	Igor Pavlov	7-Zip 24.09 arm64	24.09	Required Included	Intune_EnrollmentTimeGrouping_DevicePreparationPolicyForYodamiitti	4	0		
	win32LobApp	Igor Pavlov	7-Zip 24.09 arm64	24.09	Available	All Users	0	0	cpuArchitecture equals arm64	include
	win32LobApp	Yodamiitti Oy	Abittikku for nonAdminUsers	1.0.2	Required Included	Intune_AbittiDualboot_PartitionCompliance_Check	2	0		
	win32LobApp	Yodamiitti Oy	Abittikku for nonAdminUsers	1.0.2	Required Included	Comp_JAN-CLIENT01	1	0		
	win32LobApp	YTL	Abitti DualBoot asennus versio 2527F	2527F	Available Included	Etunimi.Sukunimi Group	0	1		
	win32LobApp	YTL	Abitti DualBoot Update to version 2527F	2527F	Available	All Devices	0	0		
	win32LobApp	YTL	Abitti DualBoot Update to version 2527F Yodamiitti Oy	2527F	Available	All Devices	0	0		
	win32LobApp	Ylioppilastutkintolautakunta	Abitti2 AbittiCandidate ver 1.0	1.0.0.0	Available	All Devices	0	0		
	win32LobApp	Ylioppilastutkintolautakunta	Abitti2 AbittiCandidate ver 1.1.0	1.1.0.0	Available	All Devices	0	0		
	win32LobApp	Ylioppilastutkintolautakunta	AbittiCandidate 1.2.0	1.2.0.0	Available	All Devices	0	0		

7-Zip 24.09 arm64

Version: 24.09
Publisher: Igor Pavlov
Description: 7-Zip 24.09 arm64

FileName: 7z2409-arm64.intunewin
Size: 1.45 MB

InstallCommandLine: 7z2409-arm64.exe /S
UninstallCommandLine: "C:\Program Files\7-Zip\Uninstall.exe" /S

RunAsAccount: system

Detection Rules:

Type: #microsoft.graph.win32LobAppFileSystemDetection
fileOrFolderName: 7z.exe
detectionType: version
detectionValue: 24.9.0.0
path: C:\Program Files\7-Zip
operator: equal
Type: #microsoft.graph.win32LobAppFileSystemDetection
fileOrFolderName: Uninstall.exe
detectionType: version
detectionValue: 24.9.0.0
path: C:\Program Files\7-Zip
operator: equal

Install Printer Valkky 3-4 solu 10.30.196.196 Lexmark XC4342		Custom Script	replace	DEPRECATED Install Printer Valkky 3-4 solu 10.248.22.251 Lexmark XC4342		Custom Script
Install Printer Valkky 5-6 solu 10.30.196.195 Lexmark XC4342		Custom Script	replace	DEPRECATED Install Printer Valkky 5-6 solu 10.248.22.249 Lexmark XC4342		Custom Script
Install Printer Valkky Kasityo 10.30.196.216 Lexmark XC4342		<pre>{ "fileOrFolderName": "RemoteHelp.exe", "check32BitOn64System": false, "detectionType": "version", "@odata.type": "#microsoft.graph.win32LobAppFileSystemDetection", "detectionValue": "10.3.10130.1000", "path": "C:\\Program Files\\Remote Help", "operator": "greaterThanOrEqual" }</pre>		DEPRECATED Install Printer Valkky Kasityo 10.248.22.255 Lexmark		Custom Script
Install Printer Valkky Musiikki 10.30.196.214 Lexmark XC4342				siikki 10.248.22.253 Lexmark		Custom Script
Install Printer Valkky Ope tyotila 10.30.196.217 Lexmark XC4342				e tyotila 10.248.22.247 Lexmark		Custom Script
Install Printer Valkky Pienluokat 10.30.196.215 Lexmark XC4342				enluokat 10.248.22.252 Lexmark		Custom Script
Microsoft Remote Help 5.1.1419.0	5.1.1419.0	Detection Rule	update	Microsoft Remote Help 4.0.1.13	4.0.1.13	Detection Rule
Notepad++ 7.9.5 x64	7.9.5	Detection Rule	replace	Notepad 7.7.1 x64		Detection Rule
Notepad++ 8.5.0 x64	8.5.0	Detection Rule	replace	Notepad++ 8.4.9 x64	8.4.9	Detection Rule
Notepad++ 8.5.4 X64	8.5.4.0	Detection Rule	replace	Notepad++ 8.5.0 x64	8.5.0	Detection Rule
Notepad++ 8.5.5 x64	8.5.5	Detection Rule	replace	Notepad++ 8.5.4 X64	8.5.4.0	Detection Rule
Notepad++ 8.6.8 x64	8.6.8	Detection Rule	replace	Notepad++ 8.4.9 x64	8.4.9	Detection Rule
Notepad++ 8.6.8 x64	8.6.8	Detection Rule	replace	Notepad++ 8.5.0 x64	8.5.0	Detection Rule
Notepad++ 8.6.8 x64	8.6.8	Detection Rule	replace	Notepad++ 8.5.4 X64	8.5.4.0	Detection Rule
Notepad++ 8.6.8 x64	8.6.8	Detection Rule	replace	Notepad++ 8.5.5 x64	8.5.5	Detection Rule
Notepad++ 8.7.5 (x64) (Enterprise App Management)	8.7.5		replace	Notepad++ 8.7 (x64) (Enterprise App Management)	8.7	
Vernier Graphical Analysis 6.2.1-3963	6.2.1-3963	Detection Rule	replace	Vernier Graphical Analysis 6.1.0-3750	6.1.0-3750	Detection Rule
Videolan VLC 3.0.20	3.0.20.0	Detection Rule	replace	Videolan VLC 3.0.8	3.0.8	Detection Rule
Videolan VLC 3.0.20	3.0.20.0	Detection Rule	replace	VLC media player 3.0.18 (msi)	3.0.18.0	Detection Rule
Yodamiitti DEMO App with RegistryDetectionCheck 2.0	2.0	Detection Rule	replace	Yodamiitti DEMO App with RegistryDetectionCheck 1.0	1.0	Detection Rule
Yodamiitti DEMO2 App with RegistryDetectionCheck 2.0	2.0	Detection Rule	update	Yodamiitti DEMO2 App with RegistryDetectionCheck 1.0	1.0	Detection Rule
Yodamiitti Win32 DemoAppInstall Ver2.0	2.0	Detection Rule	replace	Yodamiitti Win32 DemoAppInstall ver 1.0	1.0	Detection Rule

Dependencies

Filter dependencies...

Parent App	Parent Detection	Dependency Type	Depends On	Dependency Version	Dependency Detection
Abitti DualBoot Update to version 2442X Yodamiitti Oy	Custom Script	detect	Abitti DualBoot asennus versio 2417D	2417D	Detection Rule
Abitti DualBoot Update to version 2505Q Yodamiitti Oy	Custom Script	detect	Abitti DualBoot asennus versio 2417D	2417D	Detection Rule
Abitti DualBoot Update to version 2517L Yodamiitti Oy	Custom Script	detect	Abitti DualBoot asennus versio 2417D	2417D	Detection Rule

Get-IntuneAppAssignmentsAndRelationsReport

DEMO



AI in Scripting and Coding

Lot has happened in just 1 year



AI in Scripting and Coding

- AI has had bigger and bigger role each year since release of the GTP-4
- This year is no difference **but** we are seeing AI **really** taking it's place in **everything**, especially in coding
- **Visual Studio Code + GitHub Copilot** is way to go
 - **Predictive coding (Next edit suggestions (NES))**
 - **Agentic coding**
- And yes ChatGPT and others work too...
- **We don't need to prompt anymore with AI assisted coding and scripting !!!**
- Seeing is believing...



DEMO – AI in Scripting and Coding

DEMO

Use AI in Scripting and Coding
(without prompting)



- I used Visual Studio Code + GitHub Copilot and **Agentic** GPT-5.1-Codex (Preview) to rewrite existing 7000 lines PowerShell script to change script to create HTML Report instead of original PowerShell+WPF+XAML GUI
- Agent run totally ~3 hours and eventually after few prompts created working HTML report to continue coding with
- This is work in progress and will be continued coding heavily with the help of AI 😊

[illegible]

APVM-8726300880																	
Generated 2025-11-27 15:00																	
CompliantAutopilot																	
MANUFACTURER Microsoft Corporation		MODEL Virtual Machine		SERIAL 0859-3566-8785- 7423-8726-3008-80		OS BUILD Windows 10.0.26200.7093		MU-PI MAC n/a									
ETHERNET MAC 00155D17C7F7		STORAGE n/a		ENROLLMENT TYPE windowsAzureADJoin		OWNERSHIP n/a		COMPLIANCE compliant									
EXCEPTION Encrypted		LAST SYNC 2025-11-27 12:55 2.1 hours ago		PRIMARY USER Etuinmi Sukunimi etuinmi.sukunimi@yodanishts.fi		AUTOPILLOT ENROLLMENT Enrolled		AUTOPILLOT PROFILE Autopilot Deployment Profile AutopilotVM									
AUTOPILLOT GROUP TAG AutopilotVM		AUTOPILLOT PROFILE Autopilot Deployment Profile AutopilotVM															
Primary user																	
Etuinmi Sukunimi etuinmi.sukunimi@yodanishts.fi Demo																	
Latest logon																	
Etuinmi Sukunimi etuinmi.sukunimi@yodanishts.fi																	
Quick table search																	
Filter rowsStart typing to filter every table																	
Matches update instantly across application, configuration, and group tables.																	
Application assignments																	
CONTEXT	APPLICATION TYPE	DISPLAY NAME	VERSION	INTENT	INCLUDE/EXCLUDE	INSTALL STATE	GROUP TYPE	ASSIGNMENT GROUP	GROUP MEMBERSFILTERFILTER MODE								
Device	windows.misp	Windows 10 N/A	1.2.10.0 - 1.9.2024	optional	Included	notinstalled	Assigned	Camp_APVM-8726300880									
Device	windows.misp	Company Portal (New Store App) (new System)	11.2.1607.0	required		installed		All Devices	N/A								
Device	windows.misp	Yodanishti Win32 DemoApp v1.0	1.0	required		nottconfigurable		All Devices	N/A Windows Filter with no Targeted DevicesInclude								
Device	windows.misp	F-Zip (Full edition)	24.06.00.0	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equally_AutopilotVM									
Device	windows.misp	Adobe Acrobat Reader DC (New Store Win32 App)	25.001.20736	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equally_AutopilotVM									
Device	windows.misp	Adobe Creative Cloud (New Store Win32 App)	6.7.0.278	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equally_AutopilotVM									
Device	windows.misp	Audacity 3.5.1 64bit	3.5.1	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equally_AutopilotVM									
Device	windows.misp	AutoHotkey v2.0.8	2.0.8	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equally_AutopilotVM									
Device	windows.misp	GIMP 3.10.34	3.10.34	required	Included	installed	Assigned	Camp_APVM-8726300880									
Device	windows.misp	Google Chrome 118.0.5993.89	68.218.16473	required	Included	installed	Dynamic	DynDev_Autopilot_GroupTag_Equally_AutopilotVM									

AI in Troubleshooting

Do we need Troubleshooting Tools at all?



AI in Troubleshooting

- It is not just using AI to create Troubleshooting tools
- Can we go little up in the Troubleshooting concept and actually **tell AI to Troubleshoot** without us needing to create separate Troubleshooting tools?
- There are many sessions in this conference about this topic too
- So it is reality, I have used it **AND it works!**
- **Let's see how to use AI to do Troubleshooting**



DEMO – AI in Troubleshooting

DEMO

Use AI in Troubleshooting

(Use AI in every step you do!)



DEMO – Case AppDependency Report

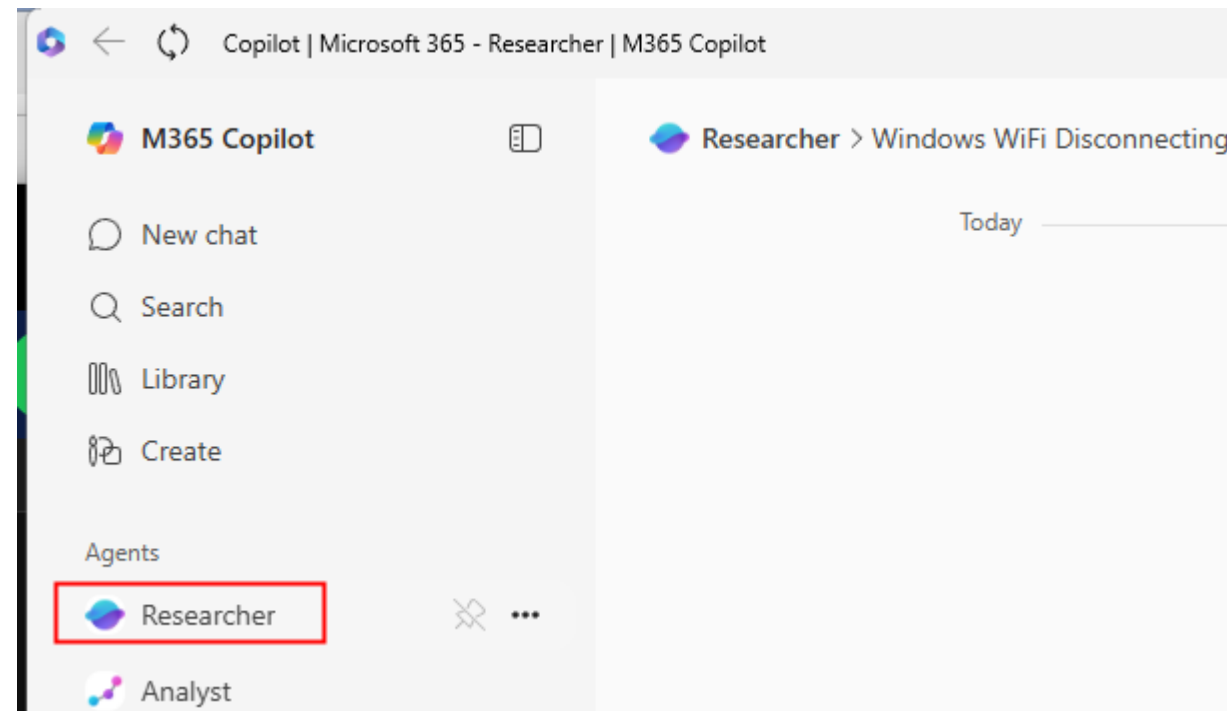
Case:

**Use AI to analyse Intune Applications
Dependency problems**



DEMO – Case AppDependency Report

- Use any Research & Deep Research/Analysis AI from your favorite AI
- M365 Copilot **Researcher** is really capable AI which can create amazing results
- I use this a lot because I know customer data is safe in Microsoft environment
- As Ronni mentioned ChatGPT AI can handle bigger file sizes



DEMO – Use AI to create better prompt (Petri's original prompt)

Petri's original prompt.

I'm doing deep analysis with AI. This is my prompt I going to use.

Do you have any suggestions to improve this prompt before I let deep analysis doing the research?

Prompt:

"AllApps.json MobileAppRelationships.json Attached files are Intune Win32 applications and Application relationships downloaded from Intune. Create dependency report which checks which application are superseded or which application supersedes other application. You can forget all other apps which don't have any supercedence information. Create view where I can see how application are superseded. Also for superseded application include detection check rule information. We are especially interested on apps which have same detection rule in different app version. For example detection rule is "file exists" and same file name is used in older and newer app detection check rule. Also we are interested if detection rule is "greater than or equals" version number because in this case older application would be detected when newer application version is installed. Create table from your findings so table have apps which supersedes other apps and apps which are superseded. Also for each app show detection rule and highlight problematic detection rules (same or version greater than type). Table also show supersedence chain for apps so I can understand whole supersedence chain for each application. If you find custom detection scripts (base64) then decode base64 to PowerShell script and analyze what PowerShell script is doing for application detection and then compare if that logic is conflicting in old and new app version as I have described above."



DEMO – AI generated prompt (copy slide to text editor 😊)



DEMO – AppDetection check AI Results

Checks a registry key used for the app (same for both versions)	NotConfigured	(n/a)	Yes	Assumption: Both 1.0 and 2.0 use the same registry key detection (without version), so installing 2.0 doesn't distinguish from 1.0 [yodamiitti...epoint.com] , [yodamiitti...epoint.com] .	1.0 → 2.0 (Registry detection chain) [yodamiitti...epoint.com] , [yodamiitti...epoint.com]
Checks a registry key or value (common for 1.0 and 2.0)	NotConfigured	(n/a)	Yes	Likely uses a registry flag that doesn't change between versions (thus new triggers old detection) [yodamiitti...epoint.com] , [yodamiitti...epoint.com] .	1.0 → 2.0 (Registry detection chain) [yodamiitti...epoint.com] , [yodamiitti...epoint.com]

Problematic Detection Rule Cases

Out of the above, we identified 7 supersedence links (spanning several chains) with problematic detection configurations:

- **Yodamiitti Demo Apps (RegCheck)** – Both *Demo App 1.0* and *2.0* likely rely on the presence of a specific registry key/value to detect installation. If the registry key name is the same for both versions (and only the value differs or not at all), the newer 2.0 installation can trigger the detection for 1.0. This makes Intune think version 1.0 is installed when 2.0 is present. The **Demo2 App** shows a similar pattern.
[\[yodamiitti...epoint.com\]](#), [\[yodamiitti...epoint.com\]](#) [\[yodamiitti...epoint.com\]](#)
- **Worst offenders:**
 - **Yodamiitti Demo App:** The 2.0 version did not introduce a new registry key or value for detection – it likely continued to use the same **registry key** as 1.0. Thus, Intune cannot distinguish 1.0 from 2.0 via that key. This misconfiguration means supersedence won't behave correctly; the new app might not deploy because the old detection never "turns off." [\[yodamiitti...epoint.com\]](#)



Check out my GitHub for Community Tools downloads and documentation

Powershell.ninja



<https://github.com/petripaavola>



Thank you!

