Welcome!!

To Modern Endpoint Management Webinar 2023

Automations with PowerShell and Graph API

Speakers at the session

Florian Salzmann

Cloud Consultant & MVP

@FlorianSLZ

Jannik Reinhard

Senior System Engineer & MVP

@jannik_reinhard

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Agenda

- The Increasing Importance of Automation
- Data Collection, Export, and Trigger Actions
- Executing Automations
- Practical Examples & Demo

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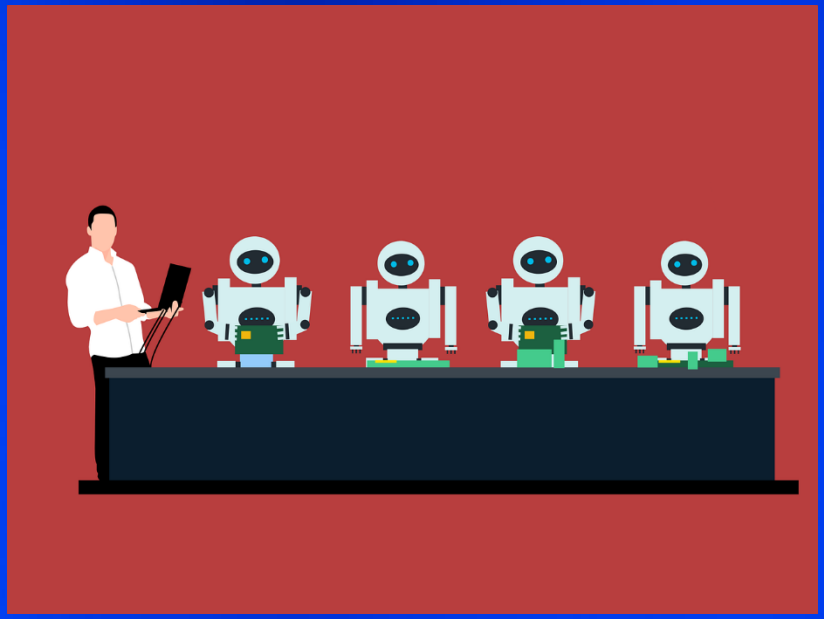

The increasing importance of Automation

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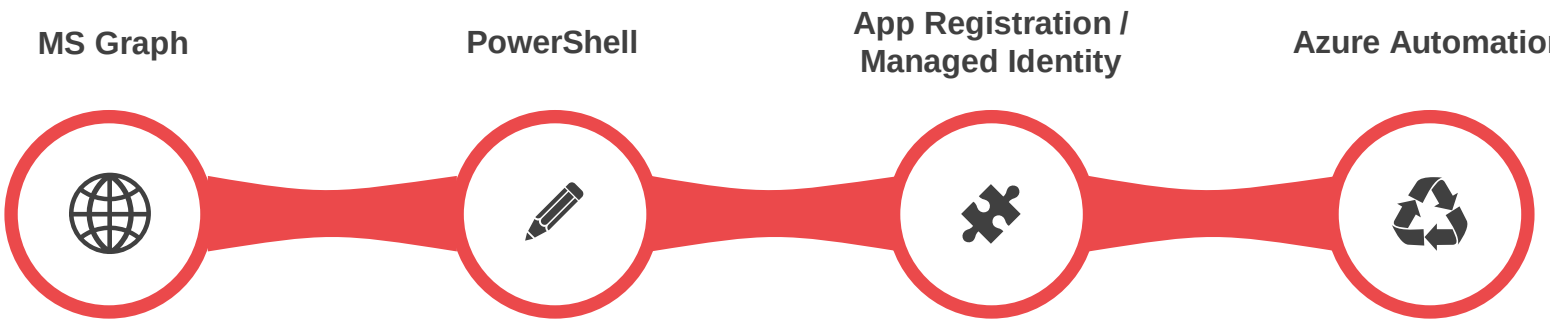
Data Collection, Export, and Trigger Actions

- Data Warehouse
- Graph API
- Log Analytics
- Custom Sources & API's
- Endpoint Analytics
- Manual

Easy start with Automations



Practical Examples

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Detect Errors from Intune Assignments

Function
- Get and Send Assignment errors in a CSV

Graph Calls
- *deviceManagement/deviceConfigurations*
- *deviceAppManagement/mobileApps*

Platform
- Manual
- Azure Automation + App Registration
- Mail

	A	B	C	D	E
1	deviceDisplayName	userPrincipalName	status	lastReportedDateTime	ProfileName
2	PC-WS-0015	michael@dev.scloud.work	error	2023-05-22T13:06:23.9221553Z	WIN-Updates
3	PC-SHARED-0026	dwight@dev.scloud.work	error	2023-02-14T09:17:53.5835906Z	WIN-Wifi-Office
4	PC-EDU-WS-0015	michael@dev.scloud.work	error	2023-05-22T13:06:23.9221553Z	WIN-HealthDiagnostics
5	PC-EDU-WS-0015	michael@dev.scloud.work	error	2023-05-22T13:06:23.9221553Z	WIN-Allgemein
6	PC-WS-0015	angela@dev.scloud.work	error	2023-05-22T13:06:23.9221553Z	WIN-Autopilot
7	PC-WS-0015	angela@dev.scloud.work	error	2023-05-22T13:06:23.9221553Z	WIN-HealthDiagnostics
8	PC-WS-0058	kevin@dev.scloud.work	error	2023-05-22T13:06:23.9221553Z	WIN-SharedMode-OneDrive
9	PC-NB-0168	System account	error	2023-05-22T13:50:02.8608652Z	WIN-Updates
10	PC-NB-0075	System account	error	2022-11-04T12:40:19.1965962Z	WIN-Updates

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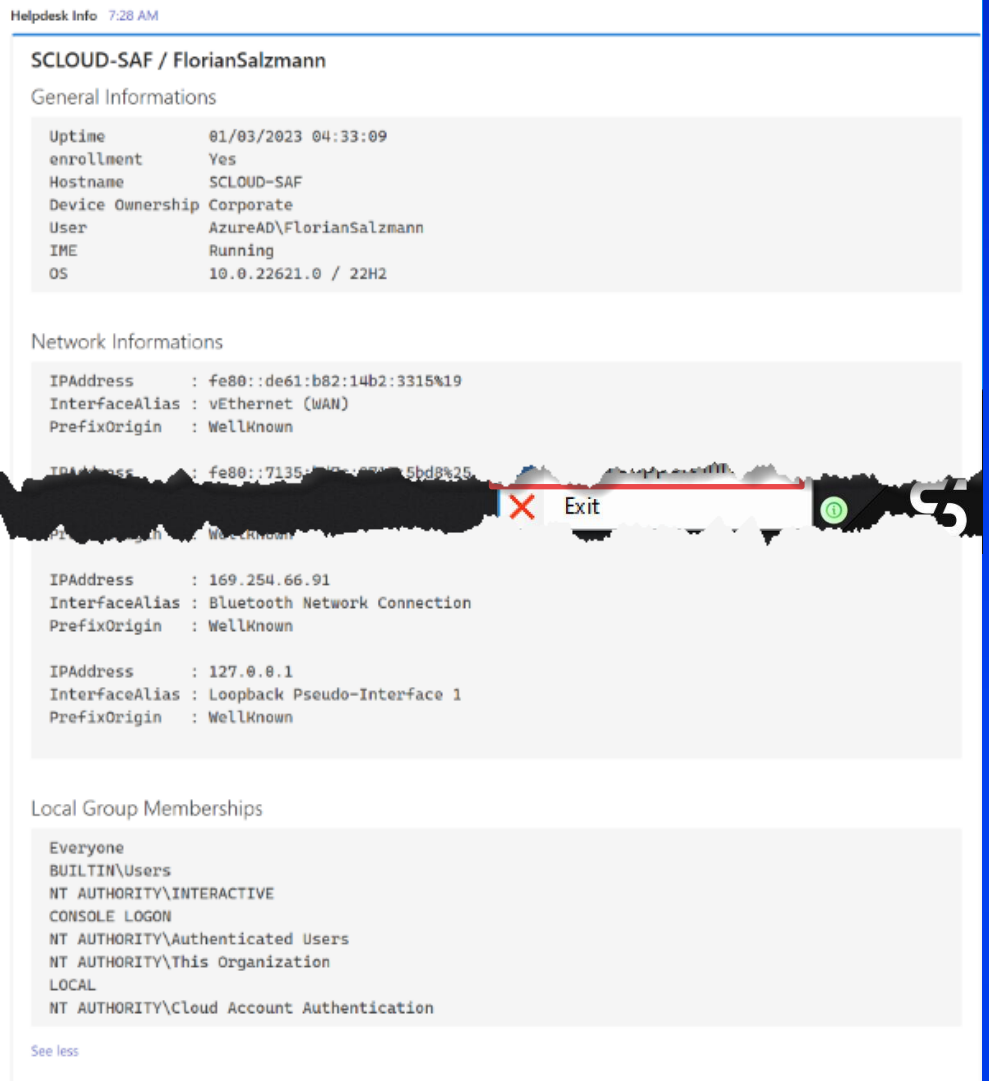

Submit support info to Teams channel

Function

- Send Support Info's from Endpoint to Teams Channel

Graph Calls

- *None ;)*
- *Just some WMI and Registry queries*

Platform

- Manual trigger, locally
- Teams

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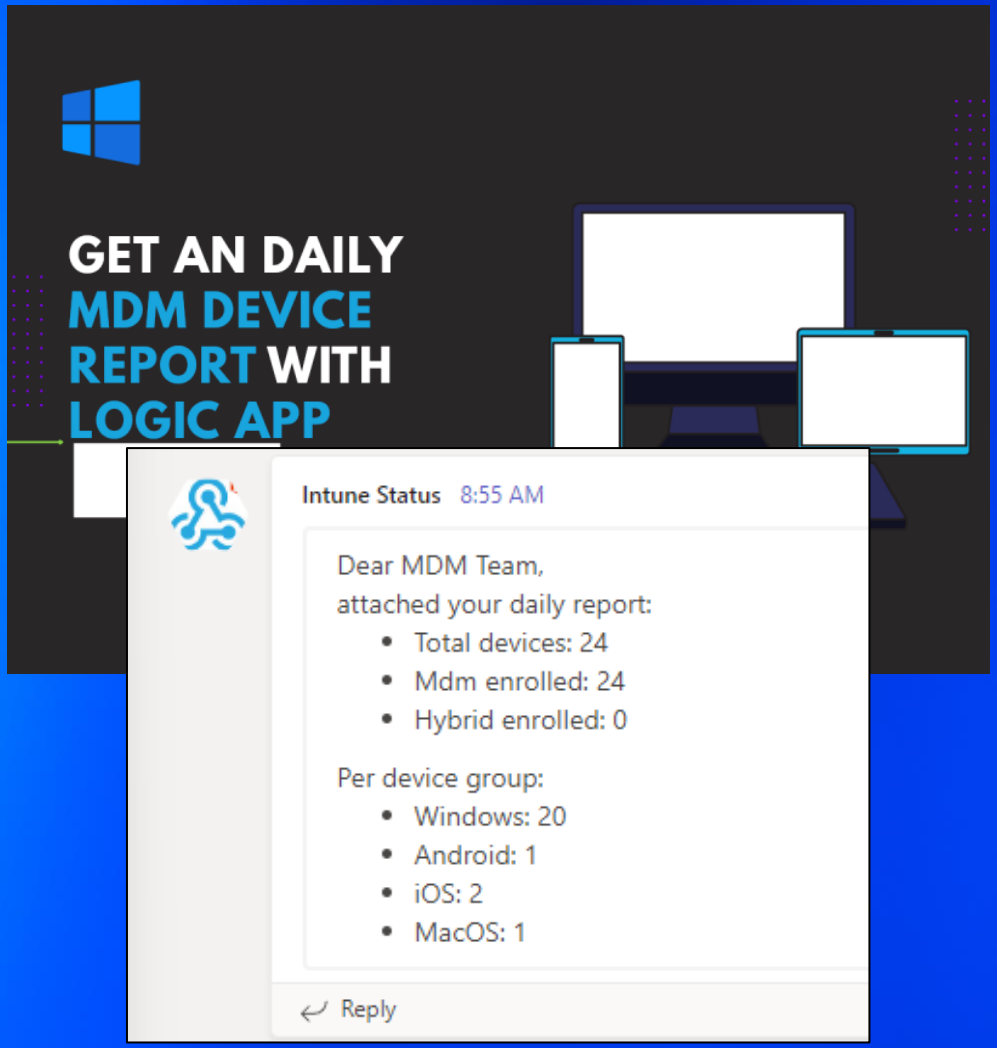

Daily Device Report

Function
- Get a daily Device overview based on enrollment type and Platform

Graph Calls
- *deviceManagement/managedDeviceOverview*

Platform
- Logic App + App Registration
- Mail or Teams

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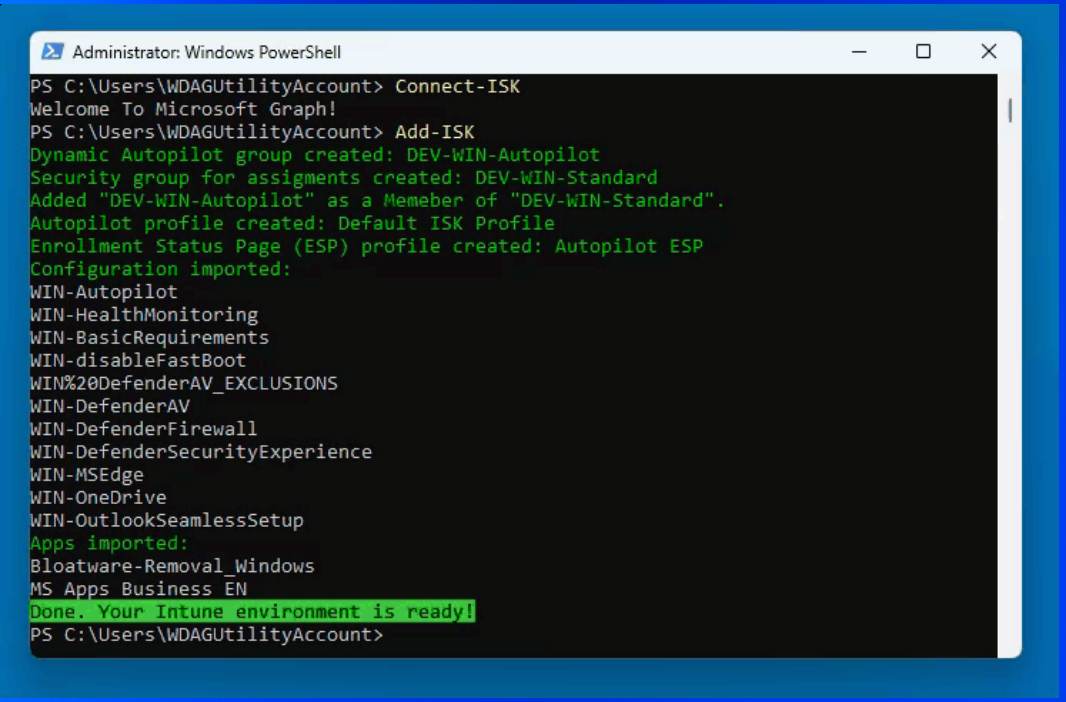
Automated Intune Enrollment



Function
- Deploy a complete Intune environment with Profiles and Apps

Graph Calls
- *A lot ;)*

Platform
- Locally

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Demo

Weekly Inactive Device Report

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Conclusion

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Topics and dates will be announced in the group and on this LinkedIn event.