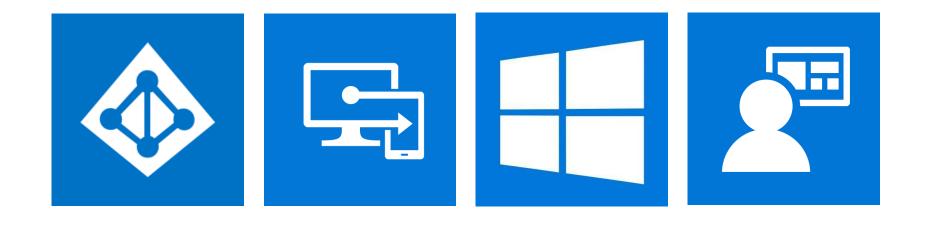# Takeaways

- The Endpoint Manager Community Toolbox

Why do we need Community Tools?

- Fill the feature gaps
- Save Time
- Automation
- Increase quality

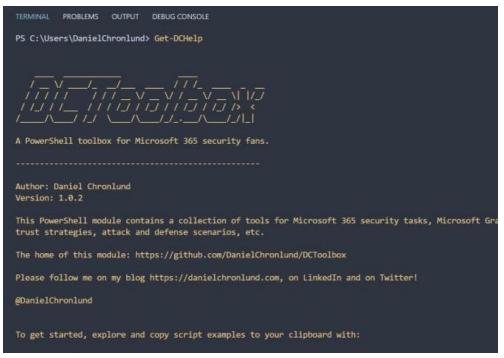They are our heroes!

DCToolbox

PowerShell Module

- Microsoft 365 Security
- Conditional Access
- And more…

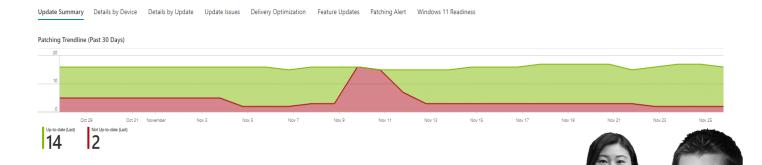https://danielchronlund.com/2020/11/09/dctoolbox-powershell-module-for-microsoft-365-security-conditional-access-automation-and-more/

Windows Update Compliance Workbook

- Update Compliance Dashboard
- Breakdown of Windows OS patching
- Insights on Errors, Safehold issues and Delivery Optimization
- Windows 11 Readiness Status

https://msendpointmgr.com/2021/11/26/windows-update-compliance-workbook-community-edition/
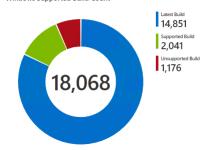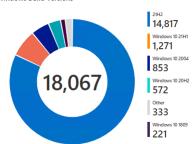
Customer Example

Windows Feature updates

In progress	Success	Error	Rollback initiated or comp...	Cancelled	On hold	Total
4,043 devices	**13,252** devices	**135** devices	**1** devices	**0** devices	**0** devices	**17,114** devices

Profile	Versions	Success	Error	In progress	Rollback initiate...	Cancelled
Feature Update for devices running old versions of Windows	Windows 10, version 21H2	17	1	112	0	0
Feature Updates - Ring 0 (Windows 11 21H2)	Windows 11, version 21H2	32	1	15	0	0
Feature Updates - Ring 1 (Windows 10 21H2)	Windows 10, version 21H2	448	14	111	0	0
Feature Updates - Ring 2 (Windows 10 21H2)	Windows 10, version 21H2	945	4	189	0	0
Feature Updates - Ring 3 (Windows 10 21H2)	Windows 10, version 21H2	11810	115	3616	1	0
Feature Updates - Windows 11 Opt In Devices	Windows 11, version 21H2	0	0	0	0	0

Windows Supported Build Count

18,068

Latest Build	**14,851**
Supported Build	**2,041**
Unsupported Build	**1,176**

Windows Build Versions

18,067

21H2	**14,817**
Windows 10 21H1	**1,271**
Windows 10 2004	**853**
Windows 10 20H2	**572**
Other	**333**
Windows 10 1809	**221**

Windows 11 Readines Scan Status by Manufacturer

Manufacturer	Capable	NotCapable	Unkno...
TOSHIBA	0	649	13
Xen	0	1129	773
Dell Inc.	10706	1639	814
Alienware	1	0	0
Microsoft Corporation	7	1	0
OEM	0	1	0
VMware, Inc.	0	3	0

CloudLAPS Community Edition

- Native Azure AD Solution
- Rotating the passwords
- Powered by Proactive Remediation
- Access to Passwords through a web-based portal
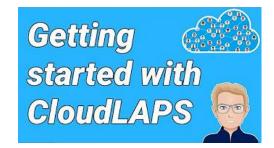
https://msendpointmgr.com/cloudlaps/

Nickolaj Andersen
Microsoft MVP

CloudLAPS guide on YouTube

- Part 1: Getting Started with CloudLAPS
- Part 2: CloudLAPS Demo and Admin Experience
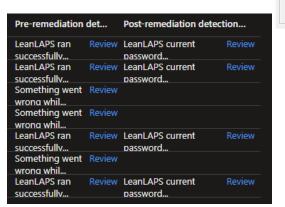- Part 3: CloudLAPS Update! - Upgrade experience walkthrough

Dean Ellerby
Microsoft MVP

https://www.youtube.com/channel/UCvGu4AIoZxB0NV7o-yUuQ2A
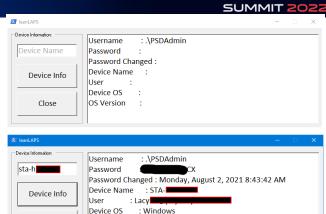
Lightweight LAPS Solution for Intune (LeanLAPS)

- Manages Local Admin Password
- Proactive remediations
- PowerShell tool to extract (encrypted)password
- Password encryption
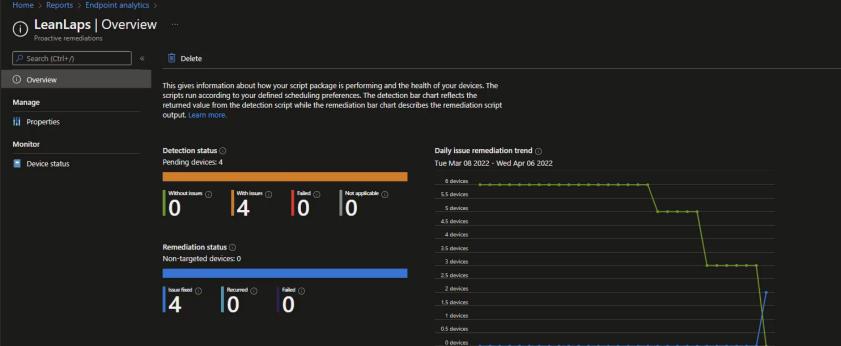- Can remove non "approved" admins

https://www.lieben.nu/liebensraum/2021/06/lightweight-laps-solution-for-intune-mde/

LeanLaps | Overview
Proactive remediations

...

🗑 Delete

This gives information about how your script package is performing and the health of your devices. The scripts run according to your defined scheduling preferences. The detection bar chart reflects the returned value from the detection script while the remediation bar chart describes the remediation script output. Learn more.

Search (Ctrl+/)

- ⓘ Overview

Manage

- Properties

Monitor

- 🖥 Device status

Detection status ⓘ
Pending devices: 4

Without issues ⓘ	With issues ⓘ	Failed ⓘ	Not applicable ⓘ
0	4	0	0

Remediation status ⓘ
Non-targeted devices: 0

Issue fixed ⓘ	Recurred ⓘ	Failed ⓘ
4	0	0

Daily issue remediation trend ⓘ
Tue Mar 08 2022 - Wed Apr 06 2022

6 devices
5.5 devices
5 devices
4.5 devices
4 devices
3.5 devices
3 devices
2.5 devices
2 devices
1.5 devices
1 devices
0.5 devices
0 devices

Mar 13   Mar 20   Mar 27   Apr 3

Issue fixed	Without issues
2	0

Intune Drive Mapping Generator

Generates Intune Ready PowerShell scripts

- Map file shares

- Create a Scheduled Task

- No scripting skills required

- Walkthrough video
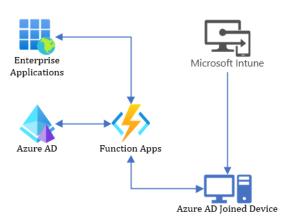
https://intunedrivemapping.azurewebsites.net/

Nicola Suter
@nicolonsky

Password Reminder

- Password Reminder

- Proactive Remediation

- Toast Notification

https://www.smthwentright.com/2022/03/07/password-reminder-with-proactive-remediation-for-aad-joined-devices/

@SjogrenViktor

Intune & Azure AD Conditional Access
Automatic Documentation

- Automatic Intune and Conditional Access Documentation to simplify the life of admins and consultants.

  - Configuration Policies
  - Compliance Policies
  - Device Enrollment Restrictions
  - Terms and Conditions
  - Applications (Only Assigned)
  - Application Protection Policies
  - AutoPilot Configuration
  - Enrollment Page Configuration
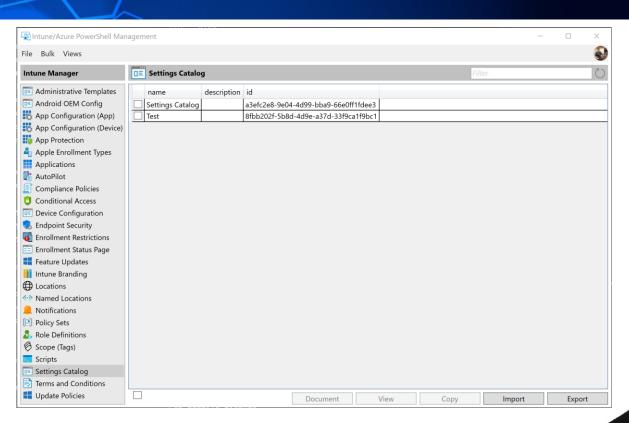 - Custom Roles

  - Apple Push Certificate
  - Apple VPP
  - Device Categories
  - Exchange Connector
  - Application Configuration
  - PowerShell Scripts
  - ADMX Configuration Profiles
  - Security Baseline

Intune & Conditional Access Documentation

https://github.com/ThomasKur/IntuneDocumentation

Micke-K Intune Management

- Copy
- Export
- Import
- Backup
- Duplicate
- Compare
- Document
- Delete

https://github.com/Micke-K/IntuneManagement

Intune BIOS Control (HP)

- Storage of BIOS release files in XML stored in Azure
- Integration with OEM PS modules to obtain the latest version information
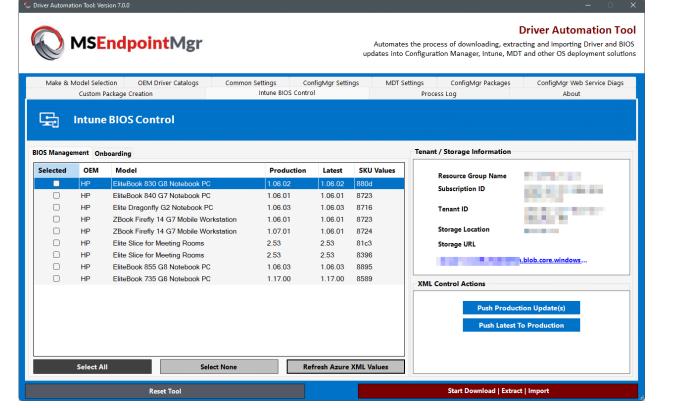- Updating of the XML control file based on your selections

Client Side-functions

- Downloading of the firmware update
- Automatic flashing of the firmware update
- Toast notification issued to the end user (including the ability to snooze)
- Registry based information on the firmware update process

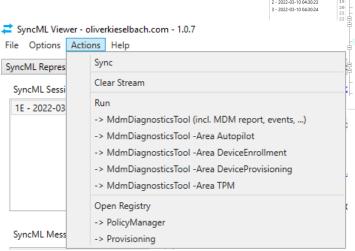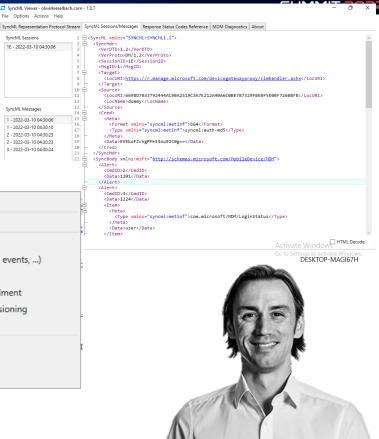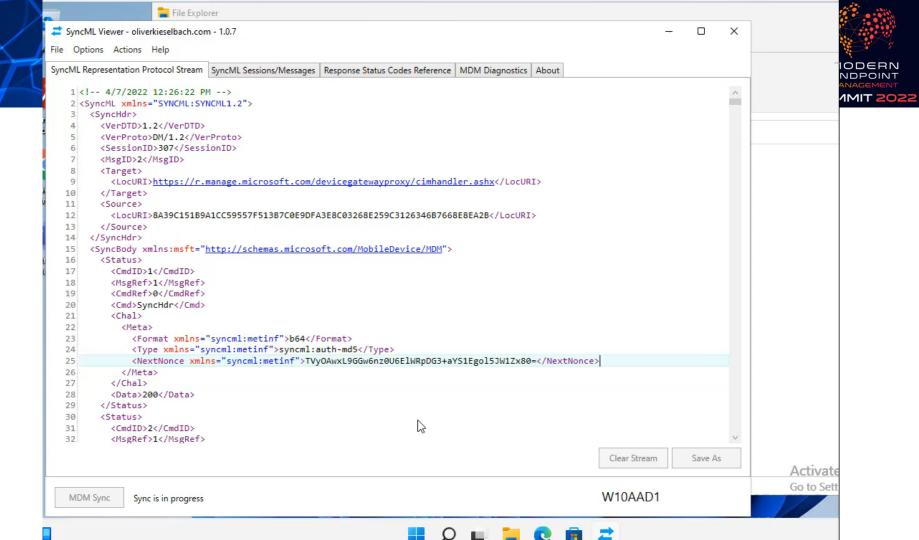https://msendpointmgr.com/driver-automation-tool/

SyncMLViewer

- Easily troubleshoot the Syncml stream
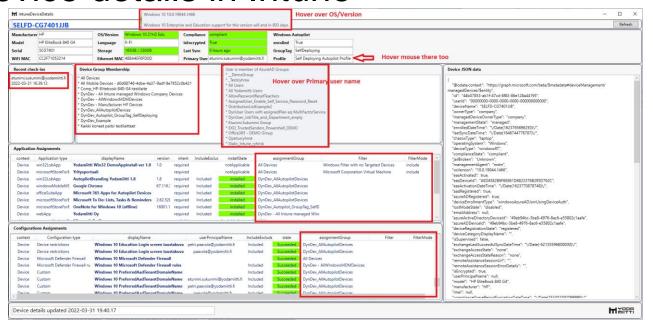- MDM Sync
- Run MDMDiagnosticstool
- Open registry

https://github.com/okieselbach/SyncMLViewer

```xml
<!-- 4/7/2022 12:26:22 PM -->
<SyncML xmlns="SYNCML:SYNCML1.2">
  <SyncHdr>
    <VerDTD>1.2</VerDTD>
    <VerProto>DM/1.2</VerProto>
    <SessionID>307</SessionID>
    <MsgID>2</MsgID>
    <Target>
      <LocURI>https://r.manage.microsoft.com/devicegatewayproxy/cimhandler.ashx</LocURI>
    </Target>
    <Source>
      <LocURI>8A39C151B9A1CC59557F513B7C0E9DFA3E8C03268E259C3126346B7668E8EA2B</LocURI>
    </Source>
  </SyncHdr>
  <SyncBody xmlns:msft="http://schemas.microsoft.com/MobileDevice/MDM">
    <Status>
      <CmdID>1</CmdID>
      <MsgRef>1</MsgRef>
      <CmdRef>0</CmdRef>
      <Cmd>SyncHdr</Cmd>
      <Chal>
        <Meta>
          <Format xmlns="syncml:metinf">b64</Format>
          <Type xmlns="syncml:metinf">syncml:auth-md5</Type>
          <NextNonce xmlns="syncml:metinf">TVyOAwxL9GGw6nz0U6ElWRpDG3+aYS1Egol5JW1Zx80=</NextNonce>
        </Meta>
      </Chal>
      <Data>200</Data>
    </Status>
    <Status>
      <CmdID>2</CmdID>
      <MsgRef>1</MsgRef>
```

Intune Device Details GUI

- ## Device details in Intune
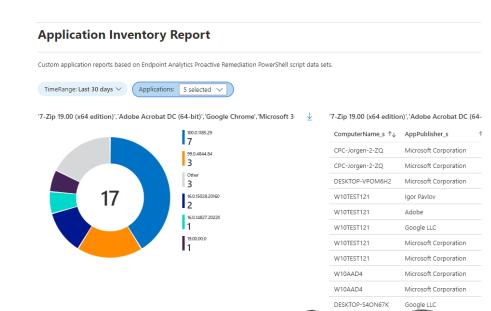

https://github.com/petripaavola/IntuneDeviceDetailsGUI

Intune Inventory with Proactive Remediations and Log Analytics

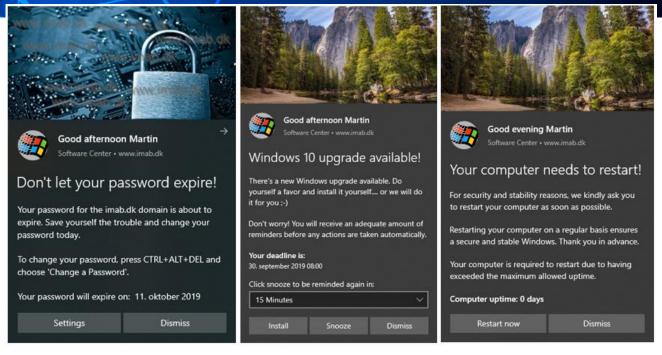- Proactive remediation script
- Log Analytics
- Device Inventory
- Application Inventory
- Workbook samples

https://msendpointmgr.com/2021/04/12/enhance-intune-inventory-data-with-proactive-remediations-and-log-analytics/
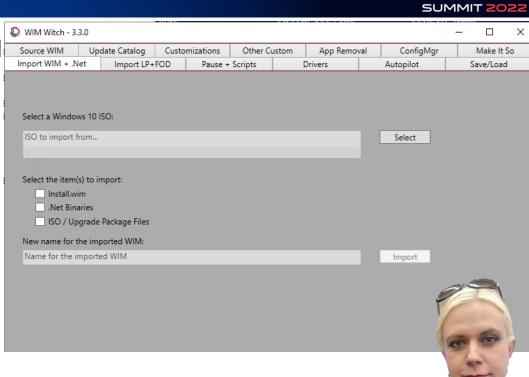
Windows 10/11 Toast Notification

Martin Bengtsson, Microsoft MVP

https://www.imab.dk/windows-10-toast-notification-script/

Wim Witch – Donna Ryan

- UI driven image customization tool
- Create/update customize .wim
- Autopilot support
- Driver support
- Language support
- Remove Built-in apps
- Add .NET Framework 3.5
- And more….
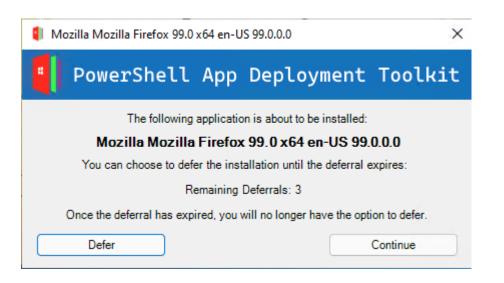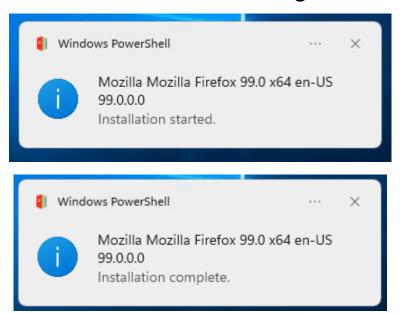
https://www.scconfigmgr.com/2019/10/04/wim-witch-a-gui-driven-solution-for-image-customization/

- Project launched in August 2013 by Seán Lillis and Dan Cunningham
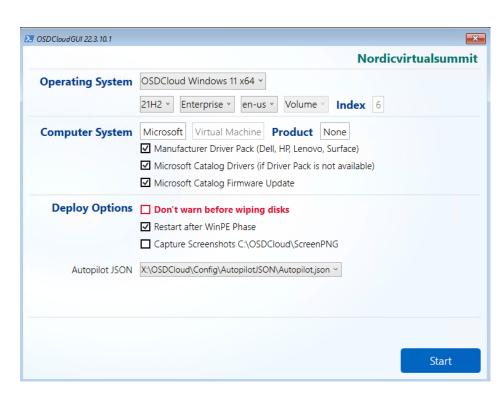
https://psappdeploytoolkit.com/

OSDCloud – David Segura

- Bootable WinPE/WinRE
- Wi-Fi support!
- Add drivers for
  - WMware
  - HP
  - Dell
  - Surface
  - …
- Autopilot, OOBE customization
- Downloads OS from Microsoft

https://www.osdcloud.com/

AutoPilot registration