

COLABORA

Endpoint Manager

The Community Toolbox

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Before we begin, please note:



This session is being recorded and the recording ***might*** be made available on YouTube after the event!



Questions/comments are welcome anytime in the chat.



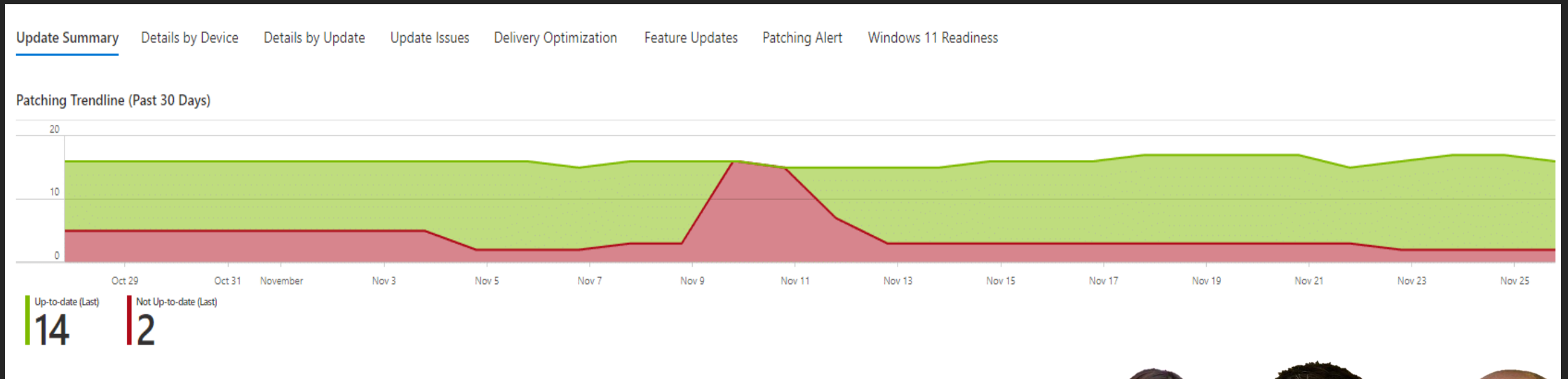
There is a live Q&A at the end of the session based on the questions from the chat.^{1/2}

Microsoft Intune

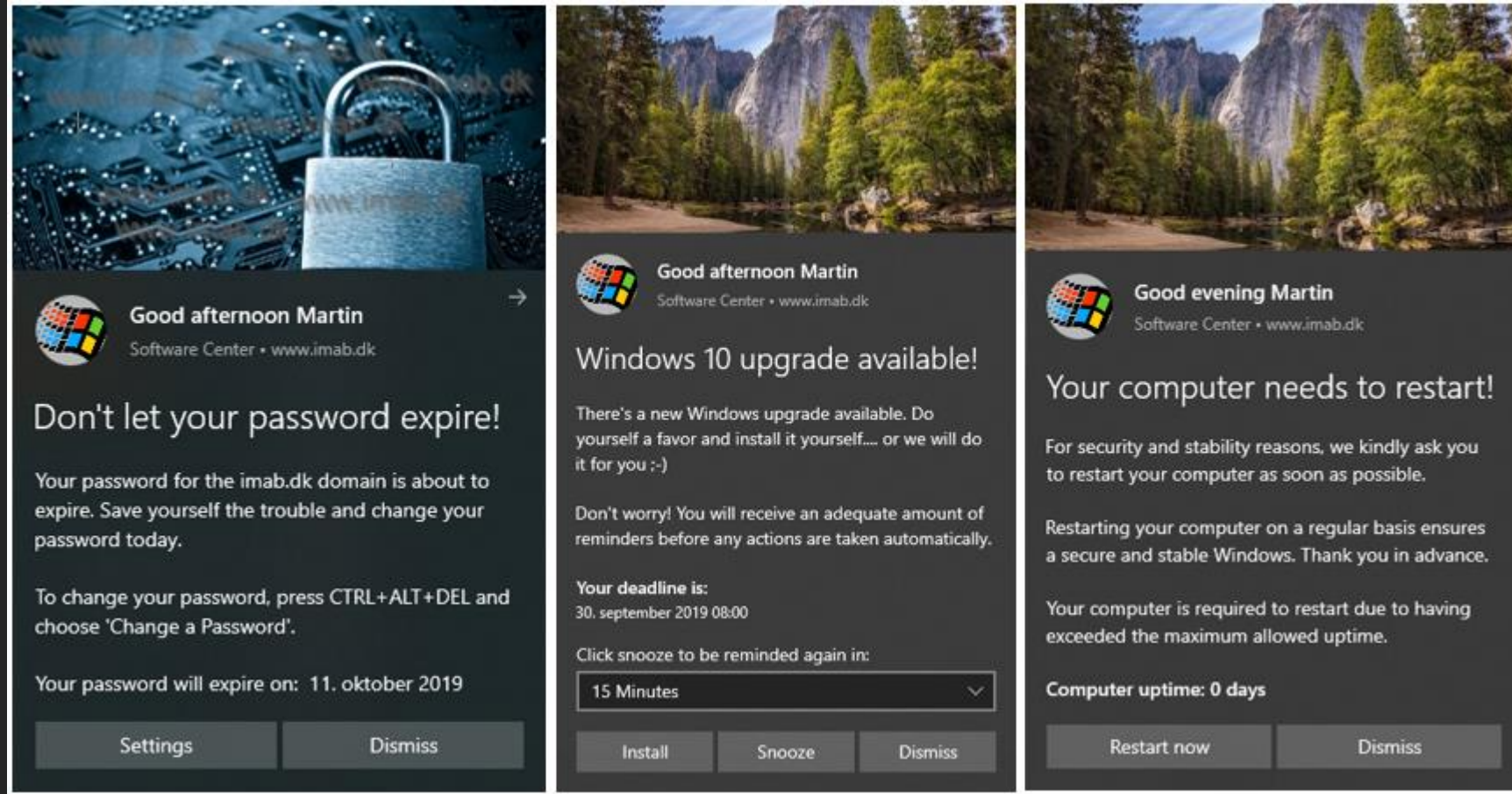
The Community Toolbox

Windows Update Compliance Workbook

- Update Compliance Workbook - Community Edition
- <https://msendpointmgr.com/2021/11/26/windows-update-compliance-workbook-community-edition/>



Windows 10/11 Toast Notification




Martin Bengtsson, Microsoft MVP

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



CloudLAPS Community Edition

 CloudLAPS [Home](#) [Search](#) [Privacy](#) nickolaj@ Sign out

Search for local administrator password

For physical devices, specify the serial number of a device to retrieve the local administrator password.
For virtual machines, specify the computer name instead.

Search for:

Simon Wåhlin
Thomas Kurth
Nickolaj Andersen
Maurice Daly

- Native Azure AD Solution
- Rotating the passwords
- Powered by Proactive Remediation
- Access to Passwords through a web-based portal

<https://msendpointmgr.com/cloudlaps/>



Lightweight LAPS Solution for Intune (LeanLaps)

- Manages Local Admin Password
- Proactive remediations
- Powershell tool

Proactive remediations ...

Refresh + Create script package Columns

✓ Your Microsoft proactive remediation scripts have successfully loaded.

Create and run script packages on devices to proactively find and fix the top support issues in your organization. Use this table to see the status of your deployed script packages and to monitor the detection and remediation results. Results are shown as number of devices affected. [Learn more.](#)

Search by script package name

Script package name	Author	Status	Without issues ⓘ
Restart stopped Office C2...	Microsoft	Not deployed	0
Update stale Group Policies	Microsoft	Not deployed	0
LeanLAPS	Lieben Consultancy	Not deployed	0

leanLAPS

Device Information:

Device Name: [input field]

Device Info

Close

Username : .\PSDAdmin
Password :
Password Changed :
Device Name :
User :
Device OS :
OS Version :

leanLAPS

Device Information:

Device Name: sta-h [redacted]

Device Info

Close

Username : .\PSDAdmin
Password : [redacted]CX
Password Changed : Monday, August 2, 2021 8:43:42 AM
Device Name : STA-[redacted]
User : Lacy [redacted]
Device OS : Windows
OS Version : 10.0.19043.1110



BitLocker Cloud Management & CloudBAM

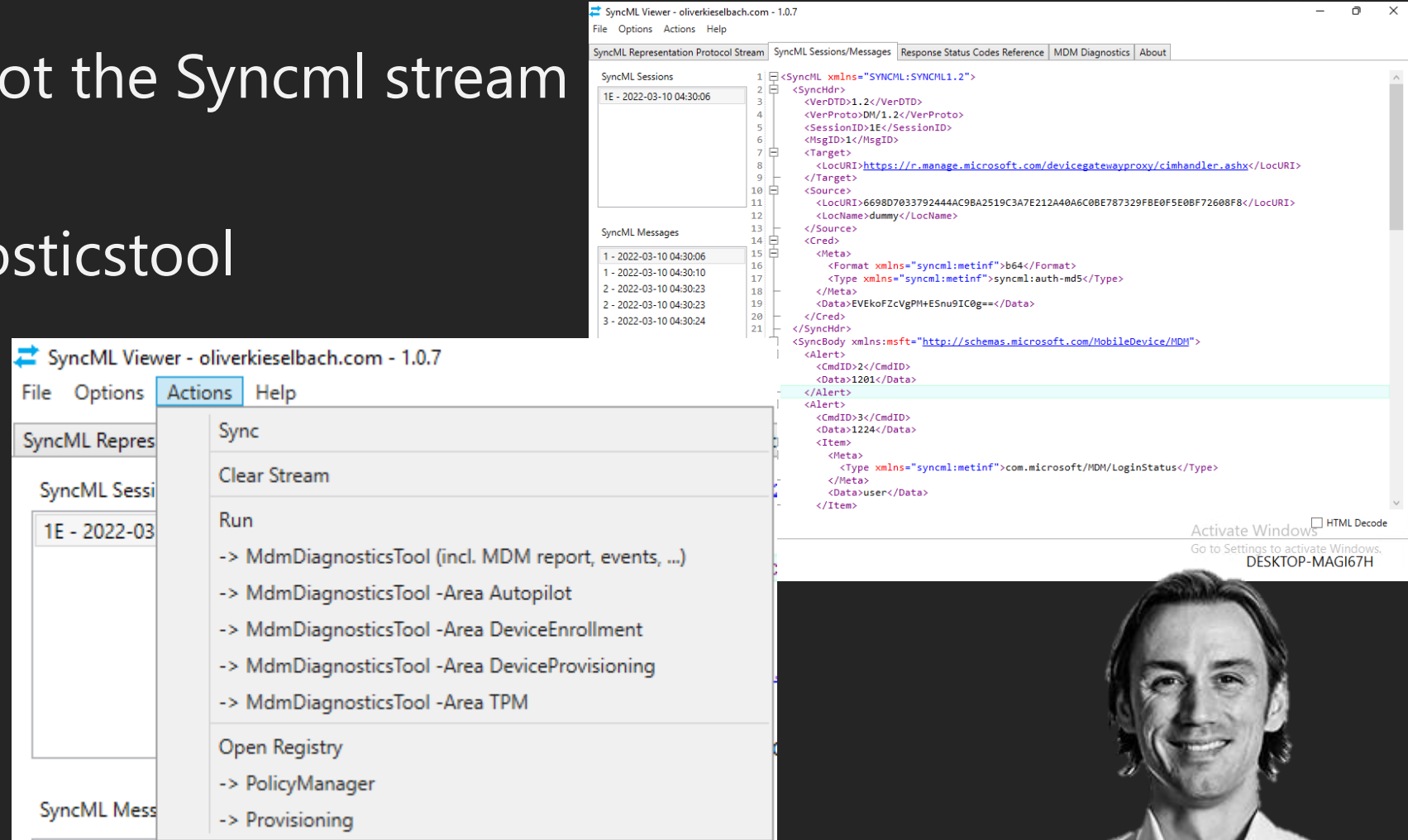
- Moving your key recovery to Azure AD
- A community developed MBAM alternative (CloudBAM)

See full session: Day 1, Room 1, 10.00



SyncMLViewer

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



<https://github.com/okieselbach/SyncMLViewer>



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

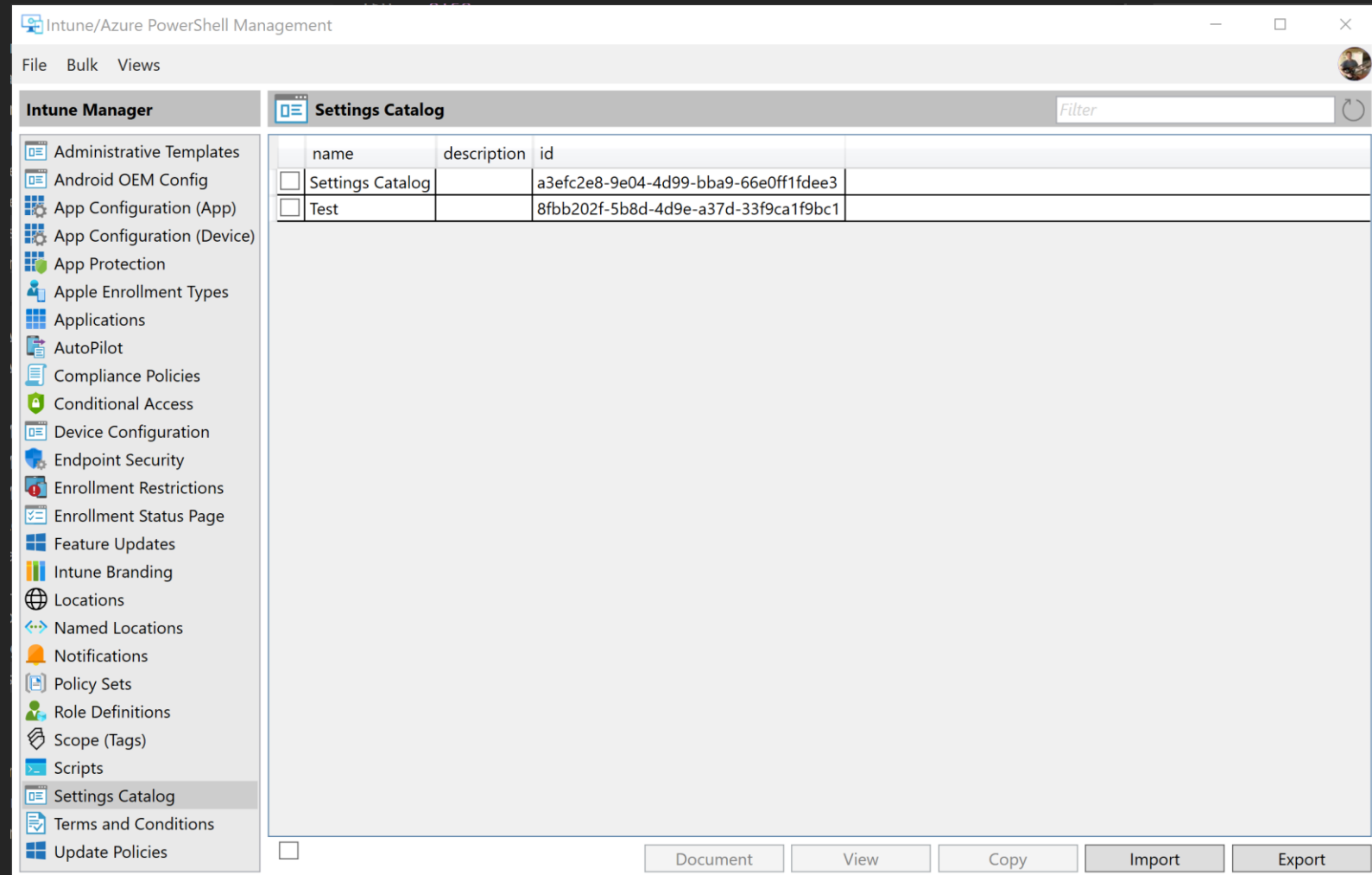


<https://github.com/ThomasKur/IntuneDocumentation>



Micke-K Intune Management

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



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



Intune BIOS Control

Driver Automation Tool: Version 7.0.0

MSEndpointMgr **Driver Automation Tool**

Automates the process of downloading, extracting and importing Driver and BIOS updates into Configuration Manager, Intune, MDT and other OS deployment solutions

Make & Model Selection OEM Driver Catalogs Common Settings ConfigMgr Settings MDT Settings ConfigMgr Packages ConfigMgr Web Service Diags
Custom Package Creation Intune BIOS Control Process Log About

Intune BIOS Control

BIOS Management Onboarding

Selected	OEM	Model	Production	Latest	SKU Values
<input checked="" type="checkbox"/>	HP	EliteBook 830 G8 Notebook PC	1.06.02	1.06.02	880d
<input type="checkbox"/>	HP	EliteBook 840 G7 Notebook PC	1.06.01	1.06.01	8723
<input type="checkbox"/>	HP	Elite Dragonfly G2 Notebook PC	1.06.03	1.06.03	8716
<input type="checkbox"/>	HP	ZBook Firefly 14 G7 Mobile Workstation	1.06.01	1.06.01	8723
<input type="checkbox"/>	HP	ZBook Firefly 14 G7 Mobile Workstation	1.07.01	1.06.01	8724
<input type="checkbox"/>	HP	Elite Slice for Meeting Rooms	2.53	2.53	81c3
<input type="checkbox"/>	HP	Elite Slice for Meeting Rooms	2.53	2.53	8396
<input type="checkbox"/>	HP	EliteBook 855 G8 Notebook PC	1.06.03	1.06.03	8895
<input type="checkbox"/>	HP	EliteBook 735 G6 Notebook PC	1.17.00	1.17.00	8589

Select All Select None Refresh Azure XML Values

Reset Tool

Tenant / Storage Information

Resource Group Name Subscription ID Tenant ID Storage Location Storage URL

XML Control Actions

Push Production Update(s) Push Latest To Production

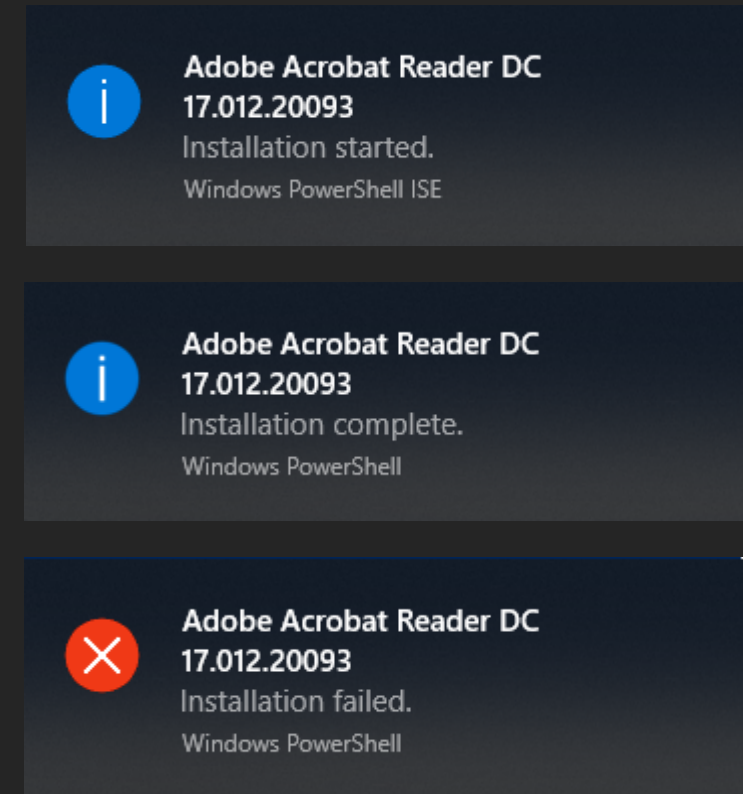
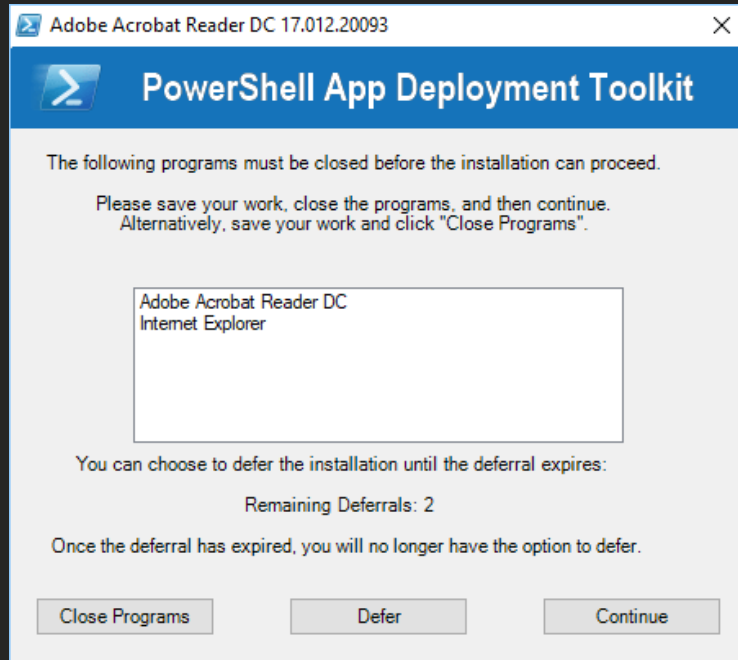
Start Download | Extract | Import

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



PowerShell App Deployment Toolkit

- Project launched in August 2013 by Seán Lillis and Dan Cunningham



<https://psappdeploytoolkit.com/>

Configuration Manager

The Community Toolbox

ConfigMgr Prerequisites Tool

CONFIGMGR PREREQUISITES TOOL 3.0.0

Sites
Roles
Directory
ADK
SQL Server
WSUS
Settings

Site Type Prerequisite Files Preferences

SITE SELECTION

Prepare this system for selected Site type: Primary Site

☐ Retry failed Windows Feature installations with alternate source location

INSTALLATION ACTIVITY

FEATURE NAME	PROGRESS	INSTALLATION RESULT
--------------	----------	---------------------

<https://msendpointmgr.com/configmgr-prerequisites-tool/>



SQL Maintenance Solution

- Ola Hallengren
- Simply the best SQL maintenance solution
- Should be used for:
 - SCCM DB
 - WSUS DB
- Will increase performance
- Check for updates as it always gets better

<https://ola.hallengren.com>

SQL Server Maintenance Solution

Menu

[Home](#)
[SQL Server Backup](#)
[SQL Server Integrity Check](#)
[SQL Server Index and Statistics Maintenance](#)
[Downloads](#)
[Version History](#)
[Frequently Asked Questions](#)
[Organizations that Use the Solution](#)
[Sign Up for the Newsletter](#)
[License](#)
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Awards



SQL Server Index and Statistics Maintenance

IndexOptimize is the SQL Server Maintenance Solution's stored procedure for rebuilding and reorganizing indexes 2014, SQL Server 2016, SQL Server 2017, Azure SQL Database, and Azure SQL Database Managed Instance.

Download

Download [MaintenanceSolution.sql](#). This script creates all the objects and jobs that you need. You can also [download](#)

License

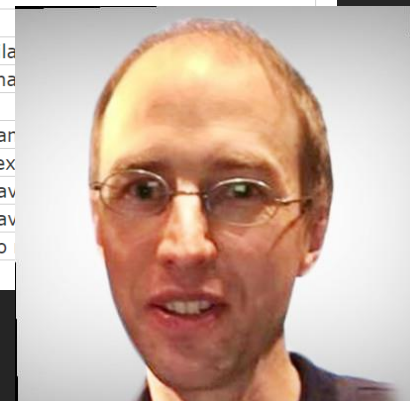
The SQL Server Maintenance Solution is [free](#).

Parameters

Databases

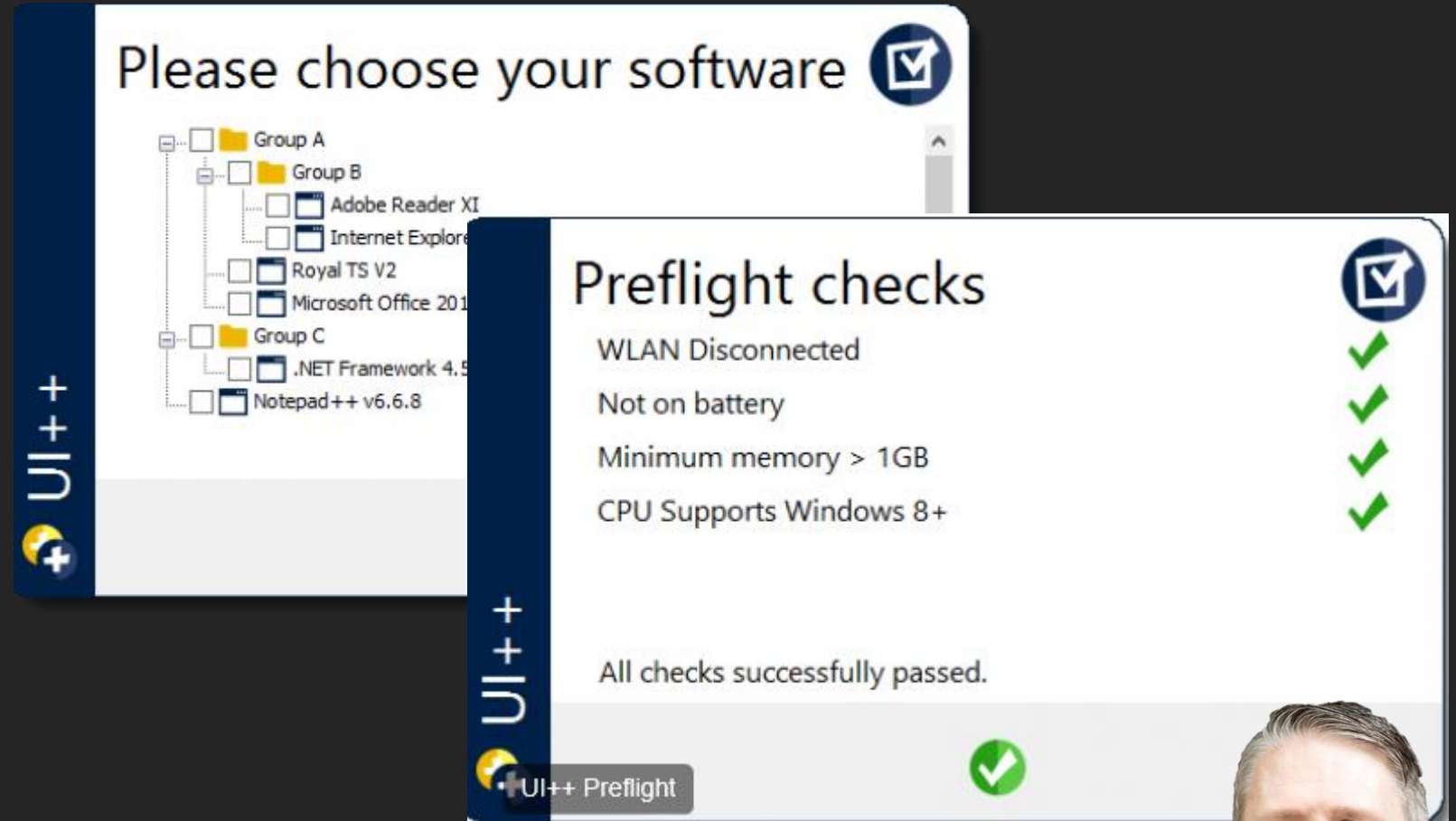
Select databases. The keywords SYSTEM_DATABASES, USER_DATABASES, ALL_DATABASES, and AVAILABILITY_G selection. All of these operations can be combined by using the comma (,).

Value	Description
SYSTEM_DATABASES	All system databases (master, msdb, and model)
USER_DATABASES	All user databases
ALL_DATABASES	All databases
AVAILABILITY_GROUP_DATABASES	All databases in availability group
USER_DATABASES, -AVAILABILITY_GROUP_DATABASES	All user databases that are not in an availability group
Db1	The database Db1
Db1, Db2	The databases Db1 and Db2
USER_DATABASES, -Db1	All user databases, except Db1
%Db%	All databases that have Db in the name
%Db%, -Db1	All databases that have Db in the name, except Db1
ALL_DATABASES, -%Db%	All databases that do not have Db in the name



UI++ Jason Sandys

- OSD frontend
- Preflight checks
- AD authentication
- App tree
- Computer naming
- OU, time zone.....

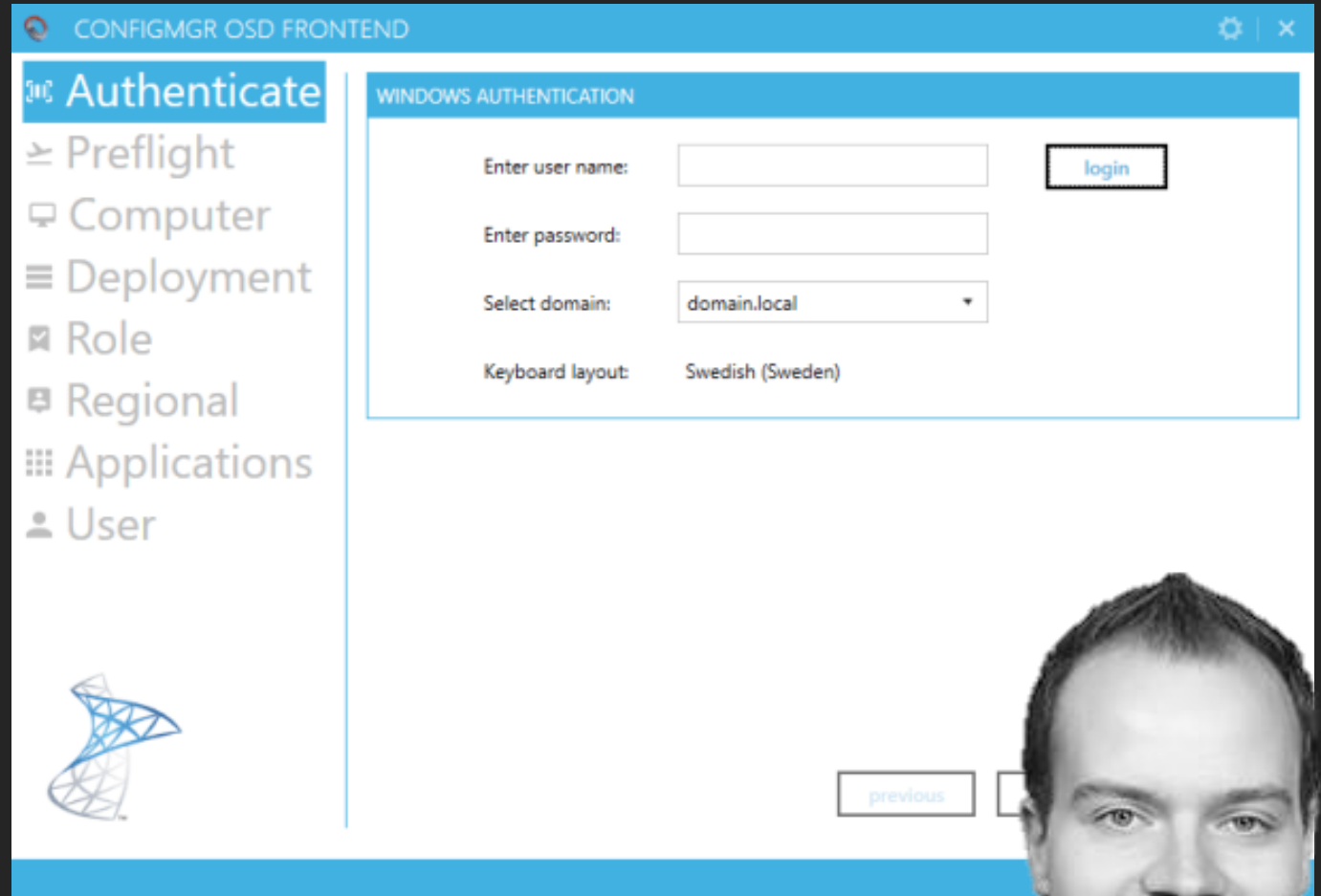


<http://blog.configmgrftw.com/uiplusplus/>



ConfigMgr OSD Front end

- Uses a webservice in the back end
- Replaces UDI
- With MDT or without
- Roles, apps, user



The screenshot shows the 'CONFIGMGR OSD FRONTEND' application window. On the left is a navigation pane with the following items: 'Authenticate' (highlighted), 'Preflight', 'Computer', 'Deployment', 'Role', 'Regional', 'Applications', and 'User'. Below the navigation pane is a blue logo. The main content area is titled 'WINDOWS AUTHENTICATION' and contains the following fields: 'Enter user name:' with a text input field, 'Enter password:' with a text input field, 'Select domain:' with a dropdown menu showing 'domain.local', and 'Keyboard layout:' with a dropdown menu showing 'Swedish (Sweden)'. A 'login' button is located to the right of the password field. At the bottom right of the main content area, there is a 'previous' button and a partially visible 'next' button. A portrait of a man is overlaid on the bottom right corner of the image.

<https://gallery.technet.microsoft.com/ConfigMgr-OSD-FrontEnd-100-55209031>

Reg2CI – Roger Zander

- Reg2CI
- Convert reg files to:
- PowerShell CI
 - Check Script
 - Remediation Script
- <https://reg2ps.azurewebsites.net/>

Registry to PowerShell converter

Version 1.0.2.0 (09.May.2017)

Registry:

PowerShell:

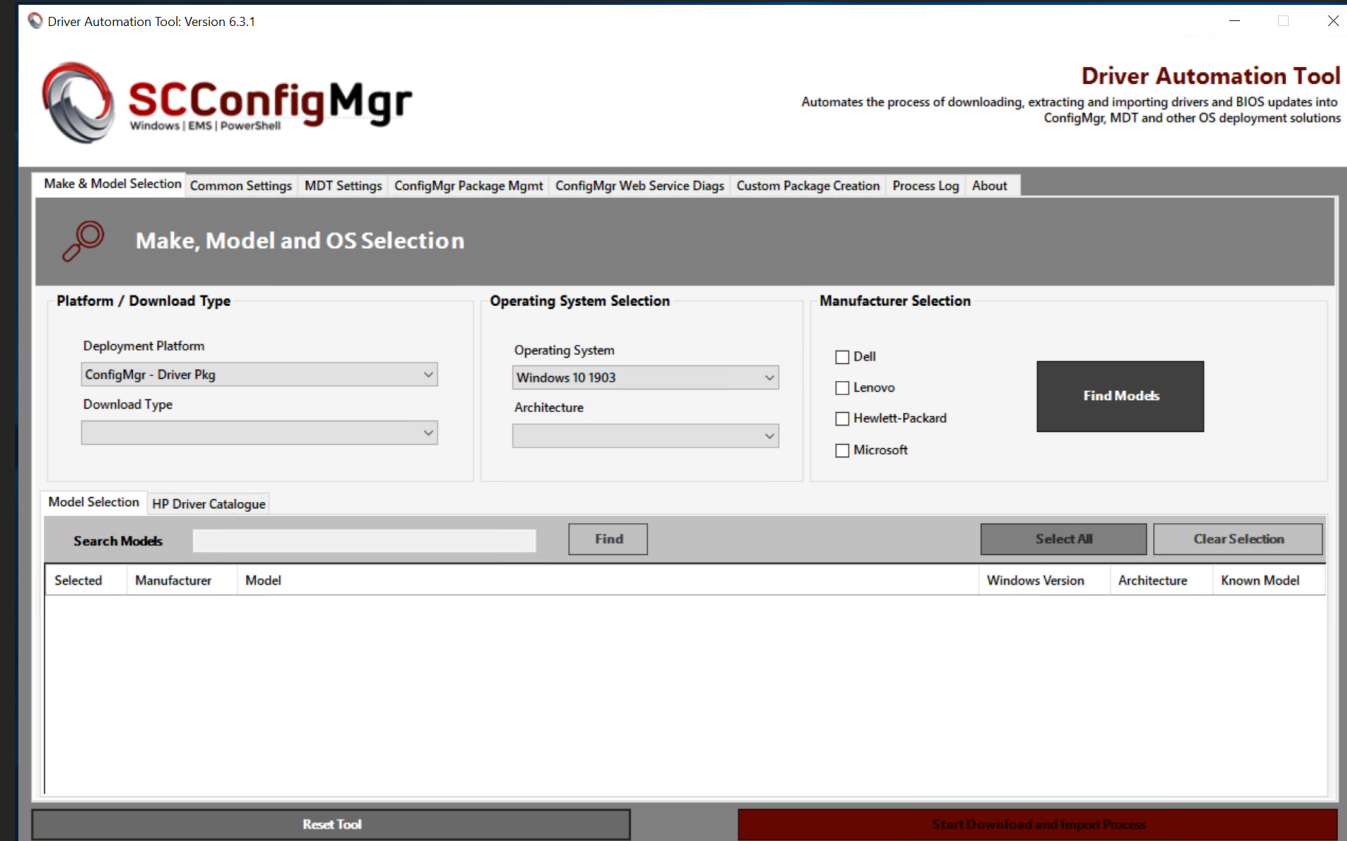
..and you will get the PowerShell code here...

[↗ Get check Script](#) [↗ Get remediation Script](#)



Driver Automation Tool – Maurice Daly

- Provides driver downloads for Dell, Lenovo and HP
- Create a BIOS update package
- Create a Driver Package based on the machine model and filename
- Imports the associated drivers into the newly created Driver Package



<https://gallery.technet.microsoft.com/scriptcenter/Driver-Tool-Automate-9ddcc010>

ConfigMgr Task Sequence Monitor

- Author: Trevor Jones
- Excellent for troubleshooting
- Standalone
- Task sequence monitor
- Integrates with MDT

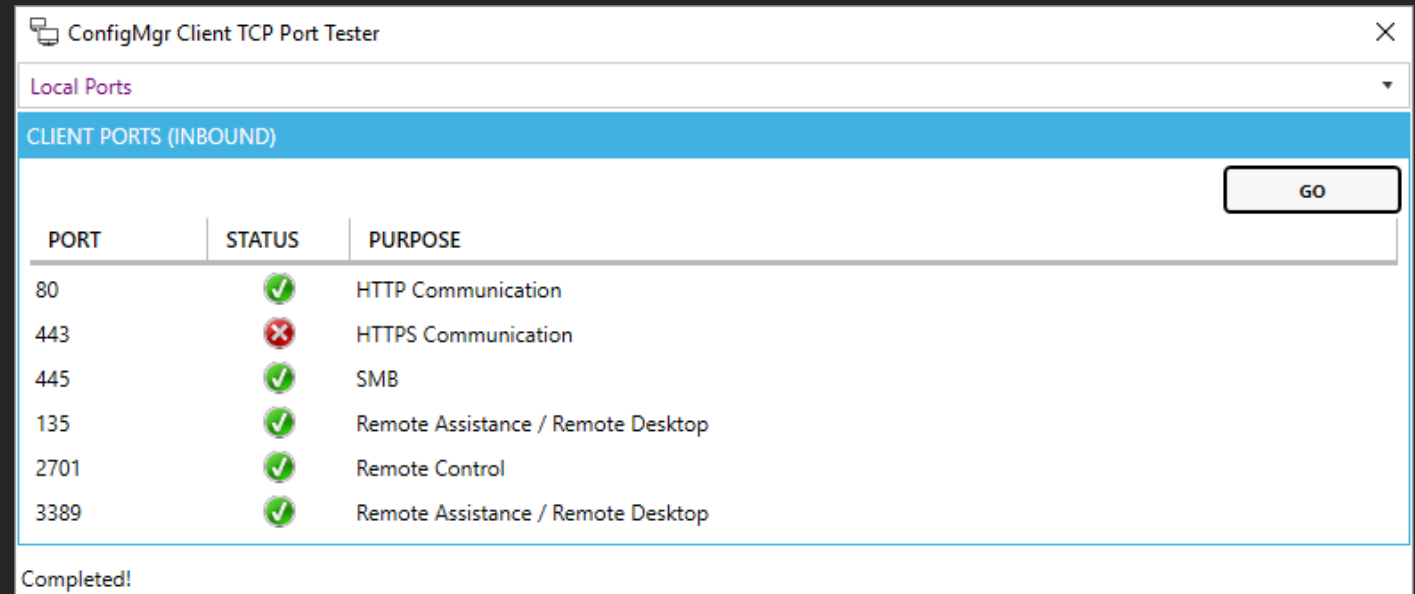
The screenshot shows the ConfigMgr Task Sequence Monitor application window. The title bar reads "ConfigMgr Task Sequence Monitor". The interface includes a "ConfigMgr" section with a "Task Sequence" dropdown set to "Win10 Boot Menu", a "Time Period (Hours)" field set to "24", a "ComputerName" dropdown set to "-All-", and buttons for "Errors Only", "Error Count" (0), "Refresh Period (Minutes)" (1), and "Refresh Now!". Below this is an "MDT" section with checkboxes for "MDT Integrated?", "Deployment Status", "Current Step", and "StepName", along with a "Deployment Progress" bar and buttons for "Settings" and "Generate Report". The main area is a table with columns: ComputerName, ExecutionTime, Step, ActionName, GroupName, LastStatusMsgName, and ExitCode. The table contains 14 rows of data, each with a green checkmark icon in the first column. The "ActionName" column lists various steps like "Set OSD Variables", "Dumpvariables", "MDT Light", "Star Dart Light", "Partition Disk 0 - UEFI", "Partition Disk 0 - BIOS", "BootMenu N:", "Boot Menu", "Connect to Network Folder", "Restart in Windows PE", and "Install Operating System". The "LastStatusMsgName" column provides detailed status messages for each step. At the bottom, there is an "Action Output" section with a note: "Click any step to see the action output."

ComputerName	ExecutionTime	Step	ActionName	GroupName	LastStatusMsgName	ExitCode
EK00002	4/19/2016 9:56:23 PM	0	Set OSD Variables			0
EK00002	4/19/2016 9:56:22 PM	9	Dumpvariables	Install Operating System	The task sequence execution engine successfully completed an action	0
EK00002	4/19/2016 9:56:04 PM	0	Dumpvariables			0
EK00002	4/19/2016 9:56:04 PM	8	MDT Light	Install Operating System	The task sequence execution engine successfully completed an action	0
EK00002	4/19/2016 9:55:59 PM	7	Star Dart Light	Install Operating System	The task sequence execution engine successfully completed an action	0
EK00002	4/19/2016 9:55:44 PM	6	Partition Disk 0 - UEFI	Install Operating System	The task sequence execution engine skipped an action because the condition was evaluated to be false	0
EK00002	4/19/2016 9:55:44 PM	5	Partition Disk 0 - BIOS	Install Operating System	The task sequence execution engine successfully completed an action	0
EK00002	4/19/2016 9:55:24 PM	4	BootMenu N:	Install Operating System	The task sequence execution engine successfully completed an action	0
EK00002	4/19/2016 9:54:40 PM	3	Boot Menu	Install Operating System	The task sequence execution engine skipped a disabled action	0
EK00002	4/19/2016 9:54:40 PM	2	Connect to Network Folder	Install Operating System	The task sequence execution engine successfully completed an action	0
EK00002	4/19/2016 9:54:40 PM	1	Restart in Windows PE	Install Operating System	The task sequence execution engine skipped an action because the condition was evaluated to be false	0
EK00002	4/19/2016 9:54:39 PM	0		Install Operating System	The task sequence execution engine started a group	0
EK00002	4/19/2016 9:54:39 PM	0			The task sequence execution engine started execution of a task sequence	0

<https://gallery.technet.microsoft.com/ConfigMgr-Task-Sequence-fefdc532>

SCCM Client TCP Port tester – Trevor Jo

- Checks all necessary TCP ports allow inbound traffic
- No UDP support



<https://smsagent.blog/2019/03/07/configmgr-client-tcp-port-tester/>

Advanced Windows Servicing (MEMCM)

- Community Tool
- DeploymentScheduler + IPUInstaller – by Johan Schrewelius
- Either patched Media or .Esd
- Post commands
- Driver updates
- Errorhandling

Name	Date modified	Type
ErrorHandler	2021-02-07 13:43	File folder
Media	2021-02-07 21:29	File folder
SetupComplete	2021-02-07 14:56	File folder
IpuInstaller.exe	2021-02-09 11:46	Application

<https://onevinn.schrewelius.it/>

his PC > New Volume (E:) > Sources > OS Upgrades > IPU-JN > IPUApplication > SetupComplete >				
Name	Date modified	Type	Size	
Branding	2021-02-07 13:43	File folder		
DefaultApps	2021-02-07 13:43	File folder		
Edge	2021-02-07 13:43	File folder		
RemoveApps	2021-02-07 13:44	File folder		
RemoveEdgeWelcome	2021-02-07 13:44	File folder		
StartMenu	2021-02-07 13:44	File folder		
StartMenuFiles	2021-02-07 13:44	File folder		
Brand_Win10.cmd	2020-02-10 23:29	Windows Comma...	4 KB	
ChangeSearchbarFor1903AndLater.ps1	2020-11-19 10:27	Windows PowerS...	2 KB	
CleanUp.ps1	2021-02-02 17:01	Windows PowerS...	1 KB	
DefaultApps.ps1	2020-02-10 23:29	Windows PowerS...	11 KB	
Importlayout.ps1	2020-02-10 23:29	Windows PowerS...	10 KB	
RemoveApps.ps1	2020-02-10 23:29	Windows PowerS...	13 KB	
RunSilent.exe	2020-10-06 14:18	Application	14 KB	
RunSilent.ini	2021-02-07 14:57	Configuration sett...	1 KB	

TSLaunch – Johan Schrewelius

- Give users the option to postpone, schedule the upgrade
- The user can choose when its best suits them
- Pre-req checks



Questions ?