

ExpertsLive Norway



What's new in Microsoft Intune for Windows 10 management?

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Platinum Sponsor 2019



History of Microsoft Intune

- Intune in 2010

The screenshot displays the Windows Intune management console. The left sidebar shows the 'Updates' section with a tree view containing 'Overview', 'All Updates', 'Critical Updates', 'Security Updates', 'Definition Updates', 'Service Packs', 'Update Rollups', and 'Mandatory Updates'. The main pane shows a list of updates filtered by 'Superseded'. The table below lists several updates, with '814033: Critical Update' selected. Below the table, the details for update 814033 are shown, including a description, products (Windows XP), and KB article (814033).

Name	Classification	Approved	Installed	Pending
813951: Update for Internet Explorer 6 SP1	Critical Updates	No		0
814033: Critical Update	Critical Updates	No		0
Critical Update for ADODB.stream (KB870669)	Critical Updates	No		0
Critical Update for ADODB.stream (KB870669)	Critical Updates	No		0
Critical Update for Microsoft Windows XP Media Cen	Critical Updates	No		0
Critical Update for SQL Server 2000 Desktop Engine (Critical Updates	No		0

814033: Critical Update

General Information

Description: This update addresses the "Offered driver may not install using Windows Update" issue in Windows XP, and is discussed in Microsoft Knowledge Base (KB) Article 814033. Download now so you can download drivers that Windows Update offers. After installing this update, you may have to restart your computer.

Products: Windows XP

KB Article: [814033](#)

Current Status of This Update

- ✓ No issues
- ⓘ This update has been superseded.

Microsoft Intune in 2019

- Administrative Templates
- Win32 apps
- Security Tasks
- Bitlocker Management
- PowerShell
- WUFB & Delivery Optimization
- Log Analytics



Your main portal!

<https://devicemanagement.portal.azure.com>



Administrative Templates

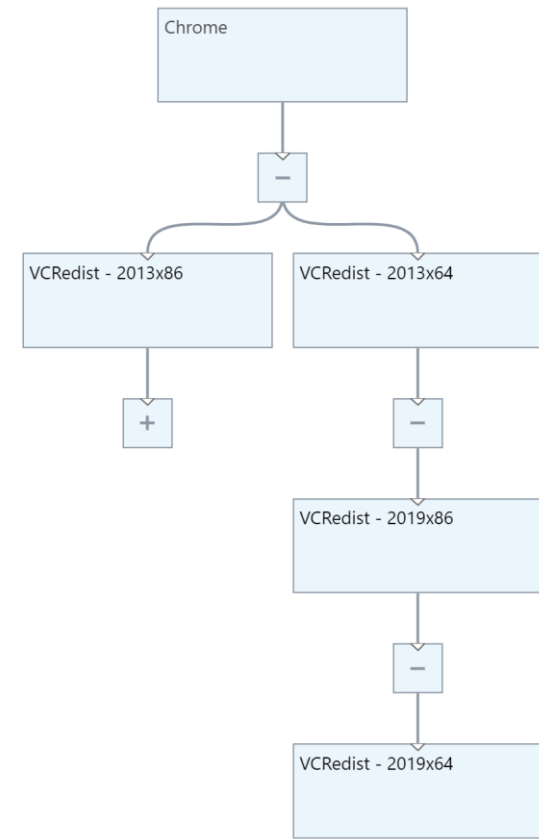
- ADMX Backed Policies in Portal
- If the setting is here, use this configuration
- If you need more
 - Import your own ADMX



DEMO

Win32 App Dependencies

- Missing the Task Sequence to control order of app install?
- Multi level dependency
- Install in the order you define
- There is a maximum of 100 dependencies !!!





DEMO

Intune Security Tasks

- Intune Admin get tasks assigned from SecOps
- Integrated with Microsoft Defender ATP

The screenshot displays the Microsoft Azure portal interface. On the left is a dark sidebar with navigation options: 'Create a resource', 'Dashboard', 'All services', 'FAVORITES', 'All resources', 'Resource groups', 'SQL databases', 'Azure Cosmos DB', 'Azure Active Directory', 'Cost Management + Billing', and 'Help + support'. The main content area is titled 'Security baselines - Security tasks (preview)'. It includes a search bar, 'Refresh' and 'Export' buttons, and a table of security tasks. The table has columns for NAME, PRIORITY, STATUS, SOURCE, IMPACTED DEVICES, CREATED DATE, DUE DATE, and ASSIGNED TO. A single task is listed: 'Update Contoso Media Player v4' with a priority of 'High', status of 'Pending', and source of 'ATP'. This task row is highlighted with a red dashed border. The 'ASSIGNED TO' column is currently empty.

NAME	PRIORITY	STATUS	SOURCE	IMPACTED DEVICES	CREATED DATE	DUE DATE	ASSIGNED TO
Update Contoso Media Player v4	High	Pending	ATP	1000	3/07/19, 5:51 PM	4/9/19, 3:48 PM	



Threat & Vulnerability Management dashboard

Organization exposure score

Exposure score

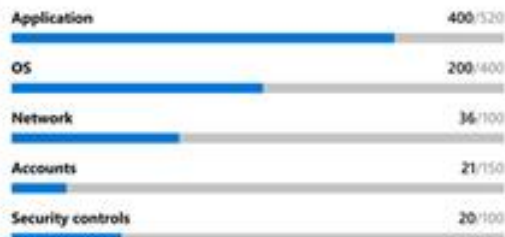
This score reflects the current risk associated with devices in your organization.



WDATP configuration score

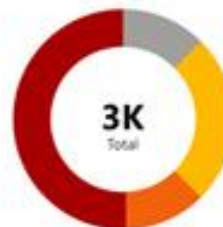
Configuration Score: 677/1270

This score reflects the collective security configuration posture of your devices across OS, Applications, Network, Accounts and Security Controls.



Devices exposure

Severity distribution



High Medium Low No data

Top security recommendations 6/30

Based on highest organizational exposure impact

NEW

Update to Adobe acrobat v3.0.2

28 Exposed devices

12 Software patch

Disable AV outdated plugins

4 Exposed devices

11

Threat insights

- An exploit is associated with one or more weaknesses identified
- A known threat [Oday in Contoso Media Player](#) is associated with one or more weaknesses related to this recommendation

Con

2K Exposure summary

12

Oday

Attention Required

Alternate mitigation

Disable JavaScript on Adobe Acrobat

291 Exposed devices

10

10

Configuration change

Update to Wordpress v4.92

25 Exposed devices

9

Software patch

Top vulnerable software

Software	Security recommendations	Weaknesses	Threats	Exposed devices	Impact
Contoso Media Player	4	8		1K / 3K	12 14
MeDoc	16	19		2.5K/10K	9 11

Active remediations

Remediation tasks

Updated 6:20 pm today

This table lists active tasks that were generated from security

Security Recommendations

Distribution by recommendation type

300 recommendations

Updated 6:20 pm today

 Configuration change  Software patch

Weaknesses

Last 30 days

7000 vulnerabilities

Critical	High	Medium	Low
200	3000	3000	800

3000 Misconfigurations

Critical	High	Medium	Low
300	2000	1000	700

Exceptions

10/300 recommendations under exception

Search in tasks:

Security recommendations	Weaknesses	Related component	Threats	Exposed devices	Status
 Update to Contoso Media player v4 NEW	0	Contoso Media Player	  	1K / 3K 	Active
Update to Java SDK 10.72	1	Java	  	2.5K / 4K 	Active
Disable JavaScript on Adobe Acrobat	11	Adobe Acrobat	  	0K / 1K 	Active
Assign group permissions	2	OS (File share)	  	76K / 80K 	Active
Disable "everyone" access	14	OS (File share)	  	6K / 7K 	Active
Disable VBA on Microsoft PowerPoint	22	Power Point	  	1K / 3K 	Exception
Revoke compromised certificates	11	Application (Certificates)	  	1K / 2K 	Exception
Fix antivirus reporting	3	Security stack (Antivirus)	  	100 / 200 	Exception
Turn on PUA protection	3	Security stack (Antivirus)	  	1K / 3K 	Exception

Update to Contoso Media Player v4

Description

Controls whether outdated plugins can run.

Potential risk

Running the updated plugin version can reduce the possibility of running a plugin that has an exploited security hole.

Recommendation insights

- 0 (100%) of the devices in your organization are configured as recommended
- This configuration is recommended by the following benchmarks: MS, CIS, STIG

Configuration ID

SCID-27

Exposed devices

1000

Impact

12 Exp | 12 Score

CCE

CCE-34401.1

Category

Application

Request remediation

Create exception



Security Recommendations

Distribution by recommendation type

300 recommendations

Updated 6:20 pm today



■ Configuration change ■ Software patch

Weaknesses

Last 30 days

7000 vulnerabilities



3000 Misconfigurations



Exceptions

10/300 recommendations under exception

Search in tasks

✓ Security recommendations	Weaknesses	Related component	Threats	Exposed devices	Status
Update to Contoso Media Player v4 NEW	8	Contoso Media Player		1K / 3K	Active
Update to Java SDK 10.72	1	Java		2.5K / 4K	Active
Disable JavaScript on Adobe Acrobat	11	Adobe Acrobat		0K / 1K	Active
Assign group permissions	2	OS (File share)		76K / 80K	Active
Disable "everyone" access	14	OS (File share)		6K / 7K	Active
Disable VBA on Microsoft PowerPoint	22	Power Point		1K / 3K	Exception
Revoke compromised certificates	11	Application (Certificates)		1K / 2K	Exception
Fix antivirus reporting	3	Security stack (Antivirus)		100 / 200	Exception
Turn on PUA protection	3	Security stack (Antivirus)		1K / 3K	Exception



Update to Contoso Media Player v4

Description

Need to add text here - explain what to do and what will happen
Open a new task (In intune and under remediations tasks list)

ITSM services

☒ Open a ticket in intune

Exposed devices

1000

Due date

4/9/2019

Add notes (optional)

Please fix ASAP

☐ Export all remediation request data to CSV

Submit request

Create exception

[Dashboard](#) > [Security baselines - Security tasks \(preview\)](#)

Security baselines - Security tasks (preview)

Search (Ctrl+[/](#))

Refresh



Export

Overview

[Overview](#)

Manage

[Security baselines \(preview\)](#)[Security tasks \(preview\)](#)

Search

NAME	PRIORITY	STATUS	SOURCE	IMPACTED DEVICES	CREATED DATE	DUE DATE	ASSIGNED TO
Update Contoso Media Player v4	High	Pending	ATP	1000	3/07/19, 5:51 PM	4/9/19, 3:48 PM	

[+ Create a resource](#)[Dashboard](#)[All services](#)

★ FAVORITES

[All resources](#)[Resource groups](#)[SQL databases](#)[Azure Cosmos DB](#)[Azure Active Directory](#)[Cost Management + Billing](#)[Help + support](#)[Dashboard](#) > [Security baselines](#) > [Security tasks \(new\)](#) > Ticket Test

Update Contoso Media Player v4

[✓ Accept](#) [✗ Reject](#)

UPDATE CONTOSO MEDIA PLAYER V4

[Details](#)[Status](#)[Managed App](#)[Impacted Devices](#)[Remediation](#)

Update Contoso Media Player v4

Pending

Not Managed App

[1000 devices](#)

Update the app version using the following steps:

1. Download the Contoso Media Player v4
2. Update Contoso Media Player version in Intune using the downloaded app.
3. Then, do either of the following:
 1. Assign uninstall app policy based on a group:
Create a group of impacted devices. Add devices to newly created group. Assign app uninstall policy to the new group.
 2. Alternatively, assign uninstall app policy to "All Devices" group.

[Learn More](#)



Remediation

[Remediation activities](#) [Exceptions](#)

100 remediation activities in progress

Value

[Export](#) [Customize columns](#) [Filter](#)

✓	Remediation Tasks	Related software	Type	Status	Due on	Remaining time
	Update to Contoso Media Player v4 NEW	Contoso Media Player	Software patch	Completed 1K/1K	03/25/2018 13:30	30 days ...
	Vulnerability in Java	Java	Software patch	In progress 4/342 x 2K	03/25/2018 11:20	12 days ...
	Disable Javascript in Adobe acrobat Google V8	Adobe Acrobat	Configuration change	In progress 4/8	03/25/2018 11:21	Past due (2 days) ...
	engine QtWebEngineCore IBM websphere MQ	IBM	Software patch	In progress 4/8	03/25/2018 11:21	1 day ...
	7.0 RCE Microsoft Office 2013 RCE Microsoft	Office	Software patch	In progress 12/50	03/25/2018 13:30
	Edge memory corruption WinRAR free patch	Edge	Software patch	In progress 10/200	03/25/2018 11:20

Threat & Vulnerability Management dashboard

Organization exposure score

Exposure score

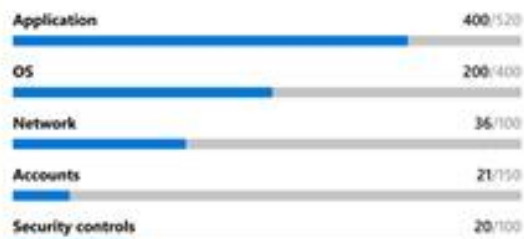
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WDATP configuration score

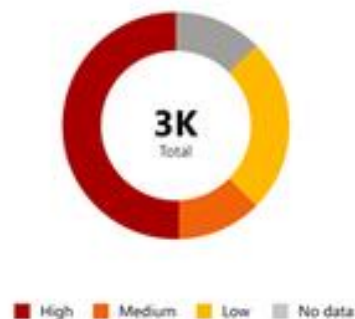
Configuration Score:
677/1270

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Devices exposure

Severity distribution



Top vulnerable software

Software	Security recommendations	Weaknesses	Threats	Exposed devices	Impact 🛡️
Contoso Media Player	4	8	🔴 🔴	1K / 3K	▼ 12 + 14
MeDoc	16	19	🔴 🔴	2.5K/1K	▼ 9 + 11
Eclipse	9	11	🔴 🔴	0K / 2K	▼ 6 + 9 Score

[Show more](#)

Active remediations

Remediation tasks

Updated 6:20 pm today

This table lists active tasks that were generated from security recommendations



Top security recommendations 6/30

Based on highest organizational exposure impact

NEW

Update to Git v2.21.0

10K Exposed devices

+ 14 Software patch

Update to Adobe acrobat v3.0.2

28 Exposed devices

+ 12 Software patch

Disable AV outdated plugins

4 Exposed devices

+ 11 + 11 Configuration change

Disable JavaScript on Adobe Acrobat

291 Exposed devices

+ 10 + 10 Configuration change

Update to Wordpress v4.92

25 Exposed devices

+ 9 Software patch

Disable VBA on Microsoft

65 Exposed devices



DEMO



New on Bitlocker

- CSP for Bitlocker now supported on W10 Pro (1809)
 - RequireDeviceEncryption
 - EncryptionMethodByDriveType (AES-256)
 - AllowWarningForOtherDiskEncryption
 - AllowStandardUserEncryption
- Non-Admin (Autopilot) users can now enable Bitlocker
 - Even on Pro/Business



New on Bitlocker

- Compliance Policy – require TPM Chip
- Bitlocker Encryption Report
- Recovery Keys



DEMO



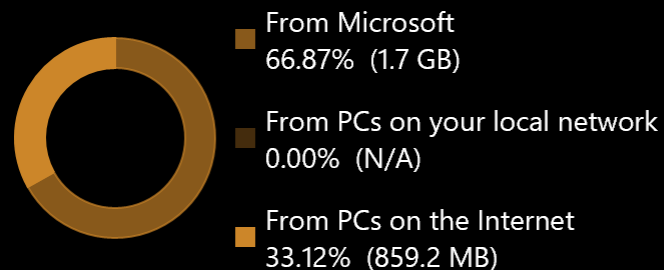
Windows Update and DO

- Control Window Update
 - Deployment Rings
- Delivery Optimization
 - Peer to Peer
 - Bandwidth saver
 - DOINC ?

Delivery Optimization

Download Statistics

Since 01.05.2019

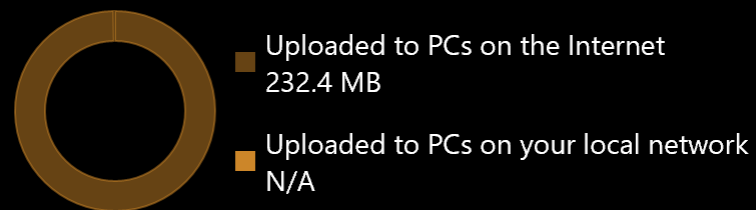


Average download speed (user initiated): 5.6 Mbps

Average download speed (background): 28.1 Mbps

Upload Statistics

Since 01.05.2019





DEMO



Powershell Modules Released to Gallery

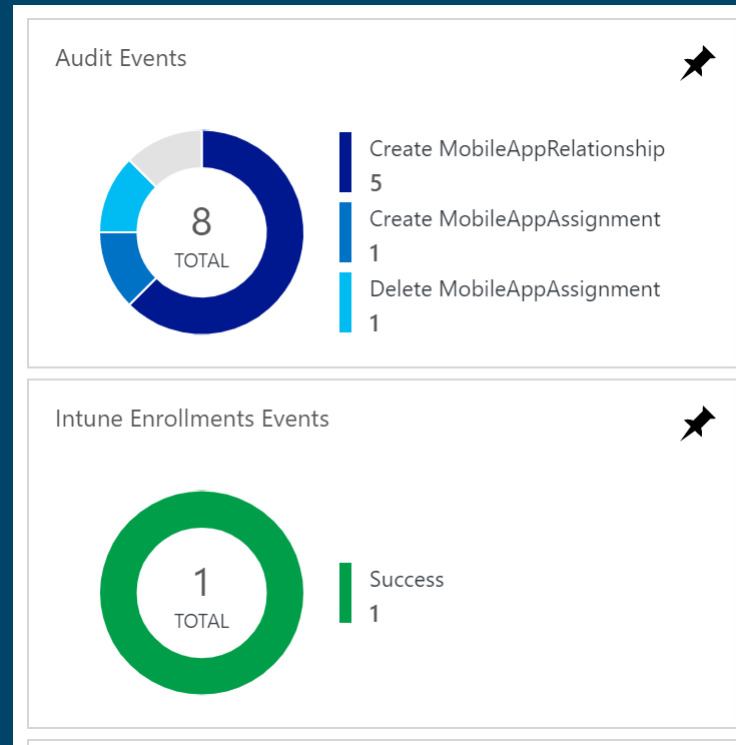
- `Install-Module -Name Microsoft.Graph.Intune`
- 914 Cmdlets
- Deep dive in @NickolajA session



DEMO

Integrate Intune with Log Analytics

- Stream to Eventhub, Storage, Log Analytics
- Can be integrated with your SIEM

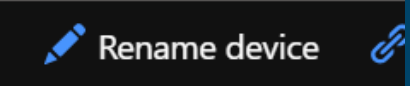




DEMO



Other small stuff

- Rename an enrolled Windows device 
- App Categories screen in Company Portal
- Bug 1903 – Online Apps from Store
 - Online apps from MSFB fails on installing
 - Offline apps work
- Windows Enrollment Status Page (ESP)
 - No longer in preview
- Devices screen coming to W10 Company portal



DEMO

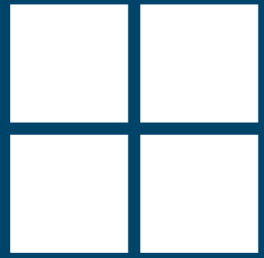


Questions?



Thank You!

Platinum



Microsoft

Gold

 audiocodes

Silver

 au2mator

pexip

Jabra

logitech