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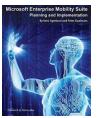
https://enterprisemobility.tips

https://www.youtube.com/c/EnterpriseMobilityTips































More Control App Deployment Kiosk scenarios VPN / E-mail / Wi-Fi

Corp Owned device

Certificates

Compliance

More?















FRUSTRATION

BROKEN DEVICES

Sometimes change iswhat wened.

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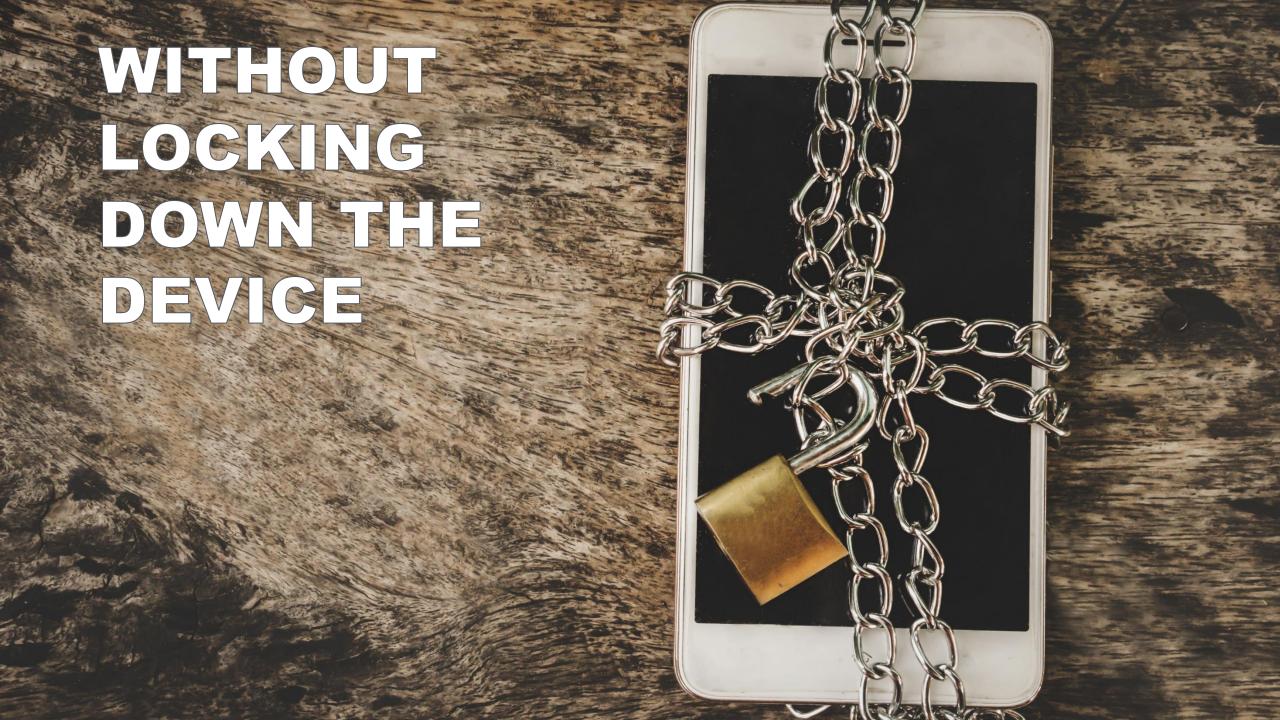














MEET APP PROTECTION WITHOUT ENROLLMENT

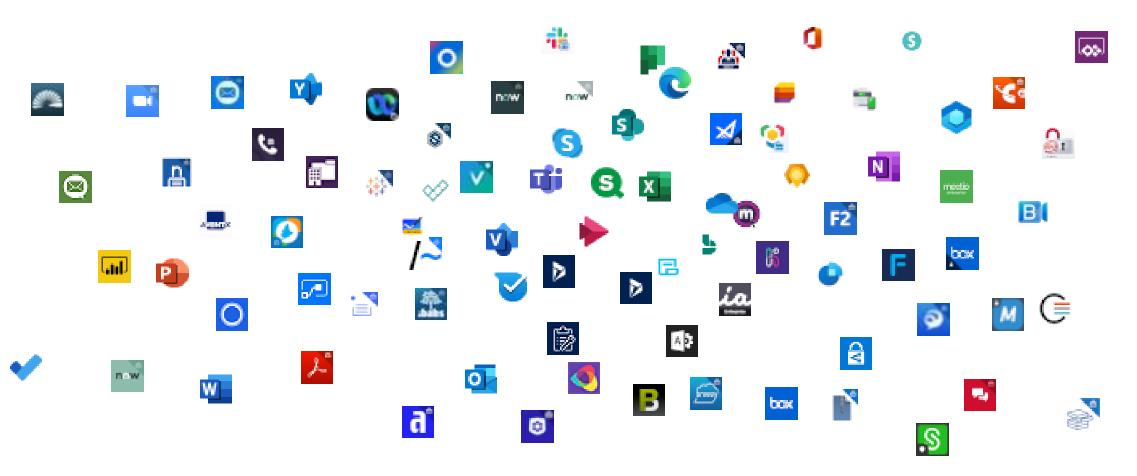






What is required?







Protect data at the app level

Data control / separation

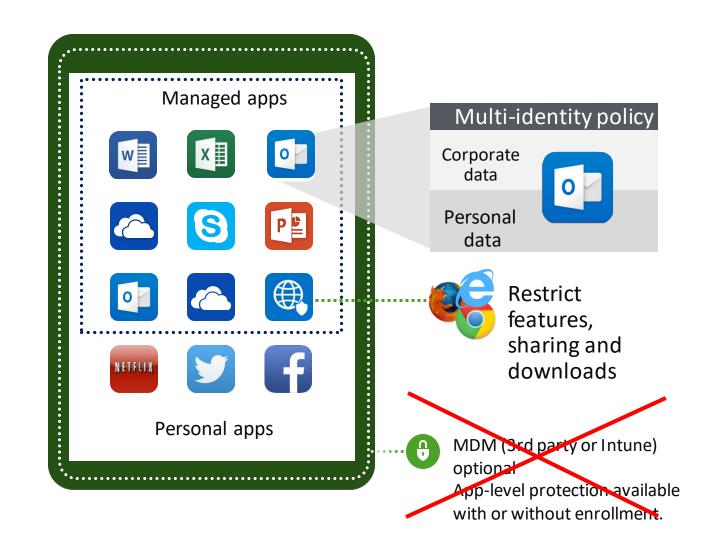
Control company data after it has been accessed, and separate it from personal data.

Conditional Launch

Jailbreak/root detection, version control, threat detection, etc.

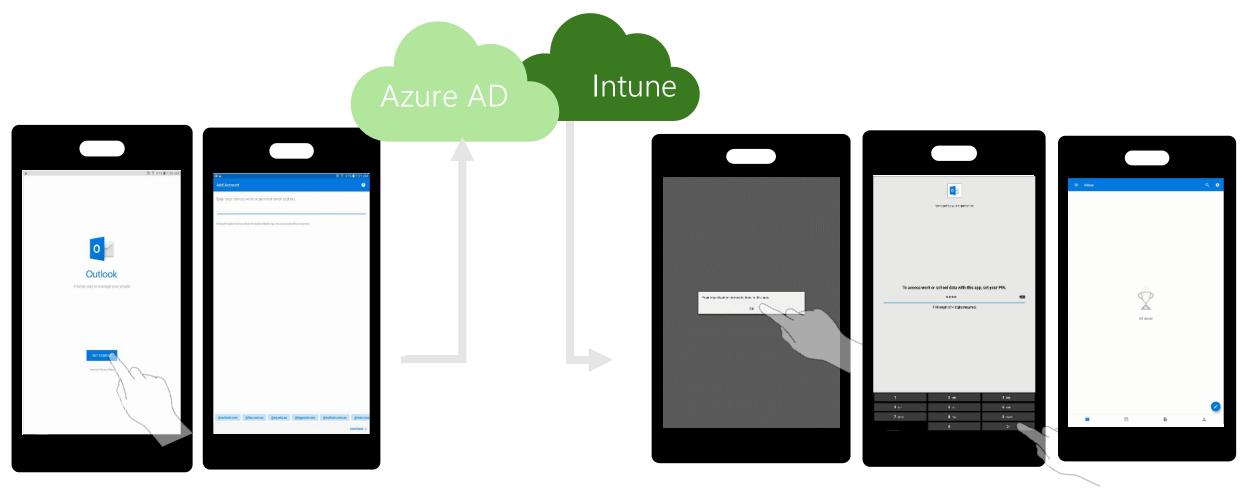
Restrict apps and URLs

Restrict access to specific applications or URL addresses on mobile devices.





Modern Management (App Protection WE)





CAPABILITIES

App Protection Policy Settings

1 Android Only2 iOS Only



Remote Selective Wipe/Block Access/Reset PIN



When are policies applied?



DE MO

- Front end
- Back end





SO THE APP IS OF SOME PROTECTED,

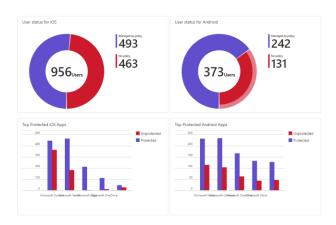
HOW CAN WE ENFORCE IT?

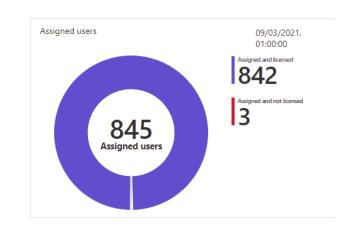


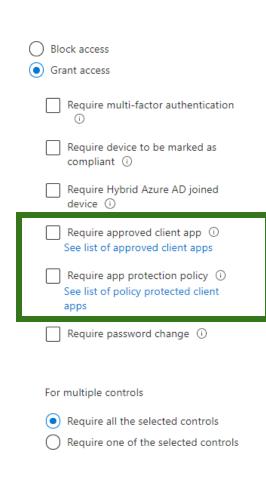


Requiring app (protection)

- Sometimes apps are not protected but have access;
 - Due to time outs no App Protection policy applied yet.
 - Issues with App Protection Policy targeting
 - Due to licensing issues
- With Require App Protection Policy enable you can block access if an App is not yet protected by an App Protection Policy.









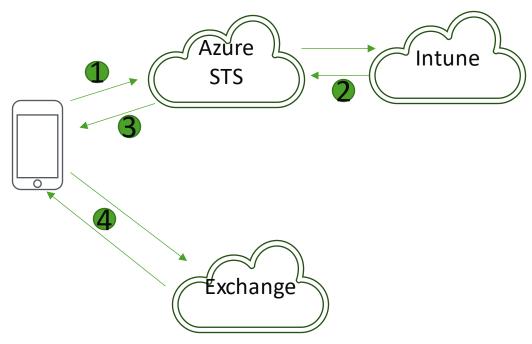
Two options to enforce app (protection)

Require approved client apps



- 1. User logs into AAD
- 2. AADs STS service checks to see if this is an approved app.
- 3. If approved app, STS provides access token
- 4. Exchange data available

Require app protection policy



- 1. User logs into AAD
- 2. AADs STS checks to see if Intune has reported the app protection policy applied.
- 3. If policy applied, STS provides access token
- 4. Exchange data available

meant past tense, p rmeantime noun period in between ny







App Protection without enrollment

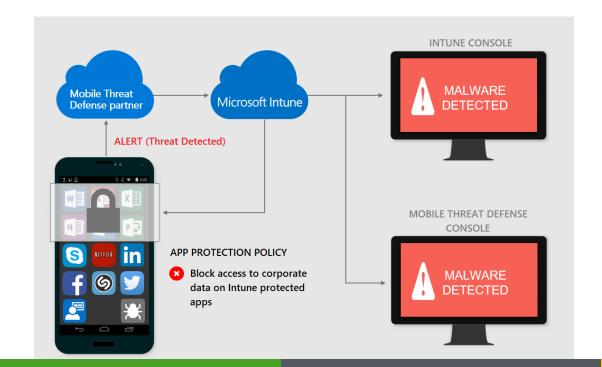
integrates with

Mobile Threat Defense partners



Mobile Threat Defense – Partners

- Why have additional security tools on mobile devices?
- Supports both scenarios
 - MDM
 - Without Enrollment





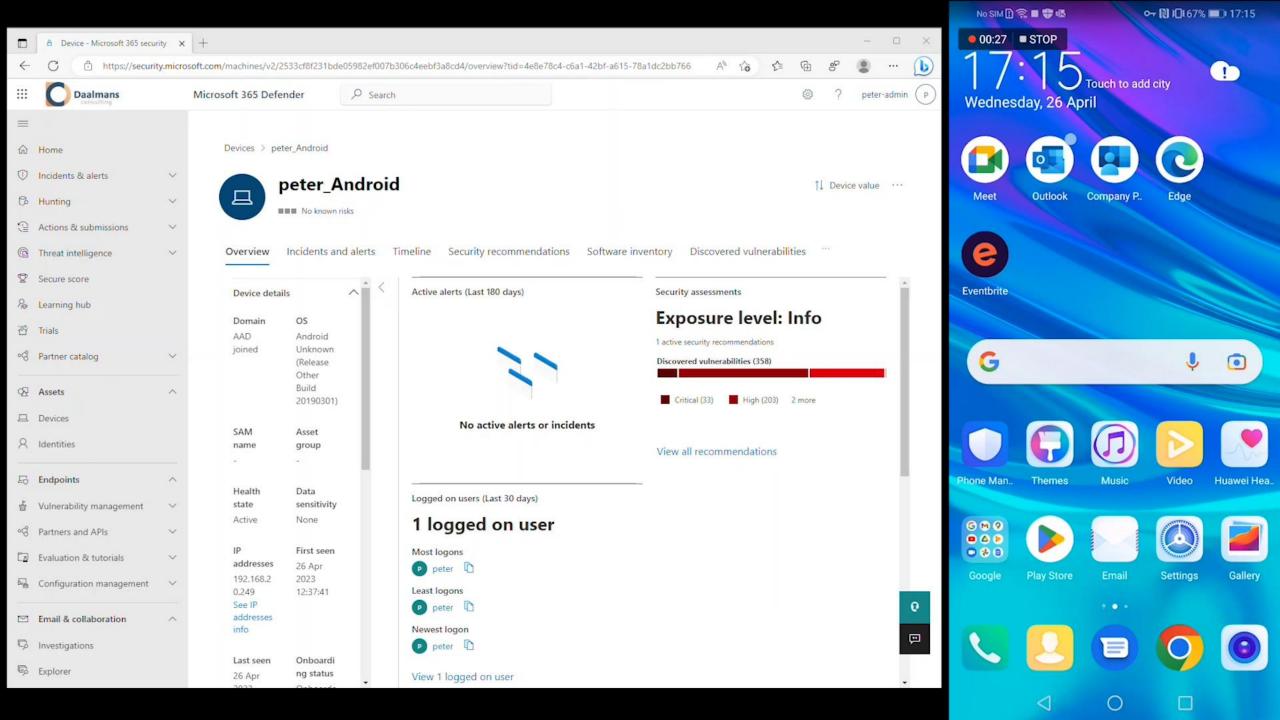


Mobile Threat Defense – Partners

- App protection policy support for additional partners since Oct 2019
- Block or selectively wipe a user's corporate data based on the health of the device
- Use data from Microsoft Threat Defense partners or Microsoft Defender for Endpoint
 - Better Mobile
 - BlackBerry Protect Mobile
 - Check Point Harmony Mobile
 - Lookout for Work
 - Microsoft Defender for Endpoint
 - MVISION Mobile
 - Pradeo
 - SentinelOne
 - Sophos Mobile
 - Symantec Endpoint Protection Mobile
 - Trend Micro Mobile Security as a Service
 - Wandera Mobile Threat Defense
 - Zimperium



Help a threat!





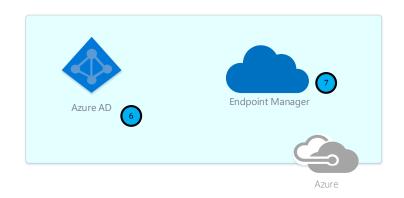


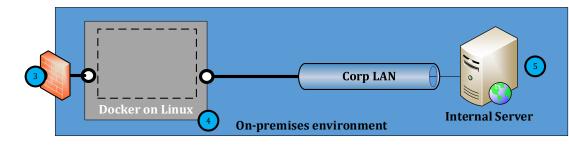


Access via Microsoft Tunnel

- VPN solution from Microsoft for Microsoft Intune (iOS/Android)
- User logs on via an App or Edge
- Edge is managed by Intune and is connecting to Microsoft Tunnel
- Microsoft Tunnel needs to be published via Proxy/Firewall
- Microsoft manages the Tunnel SW (Docker on Linux)
- Internal server accessible
- Azure AD Controls access via CA
- Microsoft Intune configures App/Edge + Microsoft Tunnel





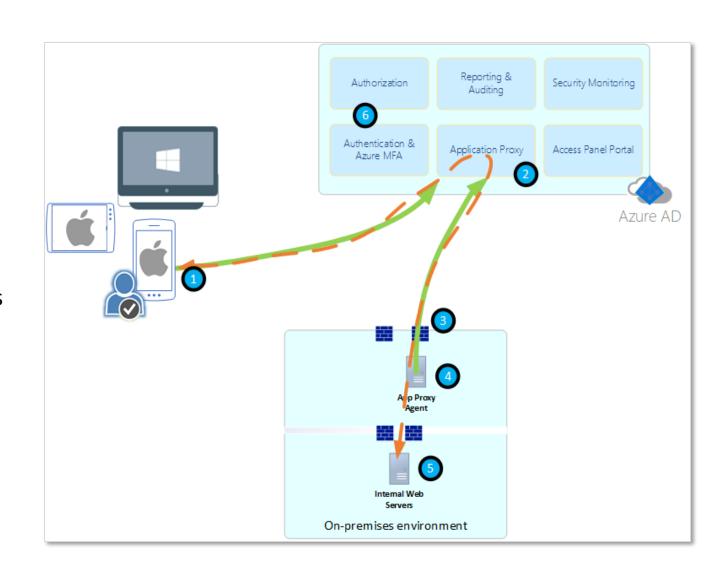






Access using Azure AD App Proxy

- Azure App Proxy part of Azure AD allows publishing internal web services. (all platforms)
- User logs on via a Browser
- User is redirected to Azure AD app proxy
 - User authenticates to Azure AD if preauth is enabled.
 - DDOS Out of the box
- Only outgoing ports need to be opened
- Agent needs to be installed
- Internal web service
- Conditional Access



Differences between solutions

Microsoft Tunnel

- Can be used for only iOS and Android
- All ports are supported
- Port 443 needs to be opened to setup the tunnel
- Managed / updated by Microsoft
- MAM and MDM managed devices
- Defender app or Tunnel capable app required

Azure AD App Proxy

- Can be used for all platforms
- Only port 80 and 443
- No ports need to be opened to access server
- Managed / updated by Microsoft
- Can be used without (pre) authentication / unmanaged device
- No extra apps required on device

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Microsoft Edge is your friend

- about:IntuneHelp
 - Collect Intune Diagnostics
 - Review current state
 - Review Intune App Status

ANS FOR THE OMNG YEAR



What's coming up?

■■■ Microsoft Intune: Multiple managed accounts

Allows people to use a single device with multiple company accounts to access company information through specific managed applications.

Feature ID: 109560

Added to roadmap: 2/10/2023

Last modified: 4/19/2023 Product(s): Microsoft Intune

Cloud instance(s): Worldwide (Standard Multi-Tenant)

Platform(s): iOS

Release phase(s): General Availability



Preview Available:

October 2023

Rollout Start:

February 2024



CONCLUSION







Ask questions and share knowledge at:

Reddit: http://www.reddit.com/r/Intune Reddit: http://www.reddit.com/r/SCCM

Facebook group: Microsoft Enterprise Mobility +Security

YouTube: youtube.com/c/EnterpriseMobilityTips

Join the communities:

Workplace Ninja's network: https://wpninja.eu Workplace Ninja User Group NL: https://wpninja.nl

MC2MC Community BE: https://mc2mc.be

MMS: https://mmsmoa.com



Do you have an NDA with Microsoft?

Yes?

Join the Microsoft Customer Connection

https://aka.ms/joinccp



tesekkür ederim mulţumesc MERCI اركش grazas thank you dankie dankeschön نونمم Благодарю вас gratias ago dank u tack 谢谢 kiitos gracias GRAZIE ありがとう gràcies OBRIGADO dankon