What's new in MEM at Ignite

Panu Saukko
ProTrainIT
@panusaukko
MVP

Sandy Zeng
Cloudway
@sandy_tsang
MVP

Stefan Schörling
Onevinn
@stefanschorling
MVP

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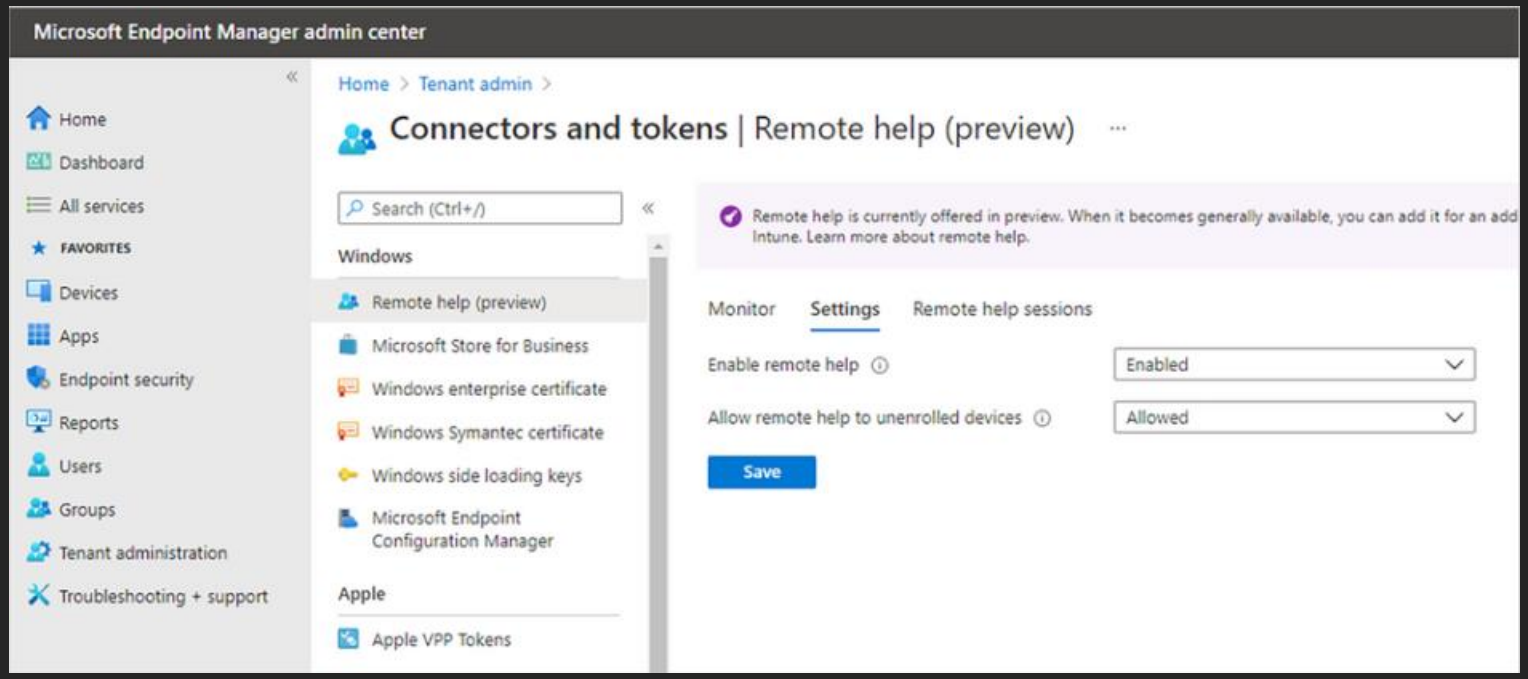
Remote help

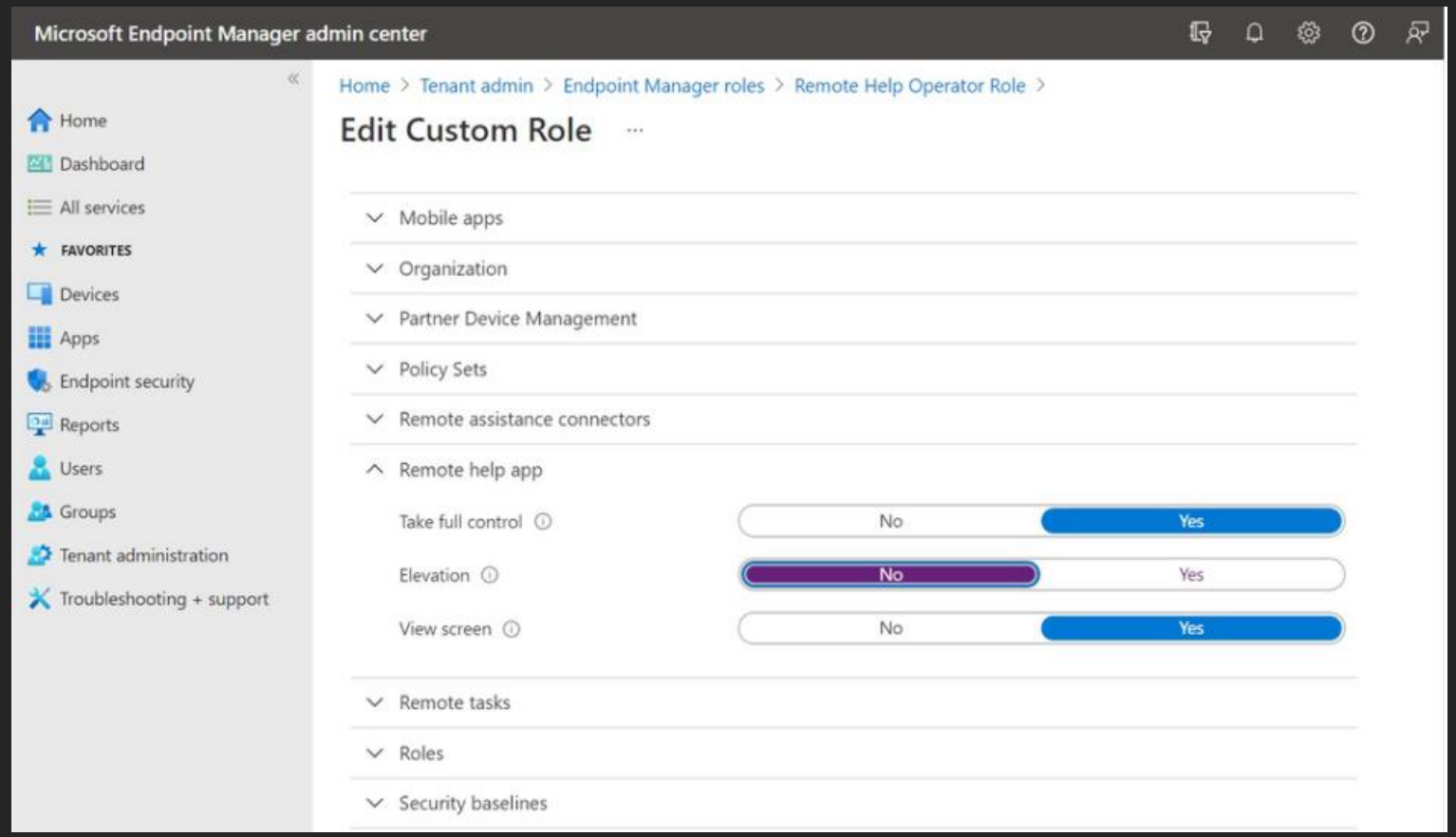
Remote help

- New remote assistance tool
- Integrated with Intune



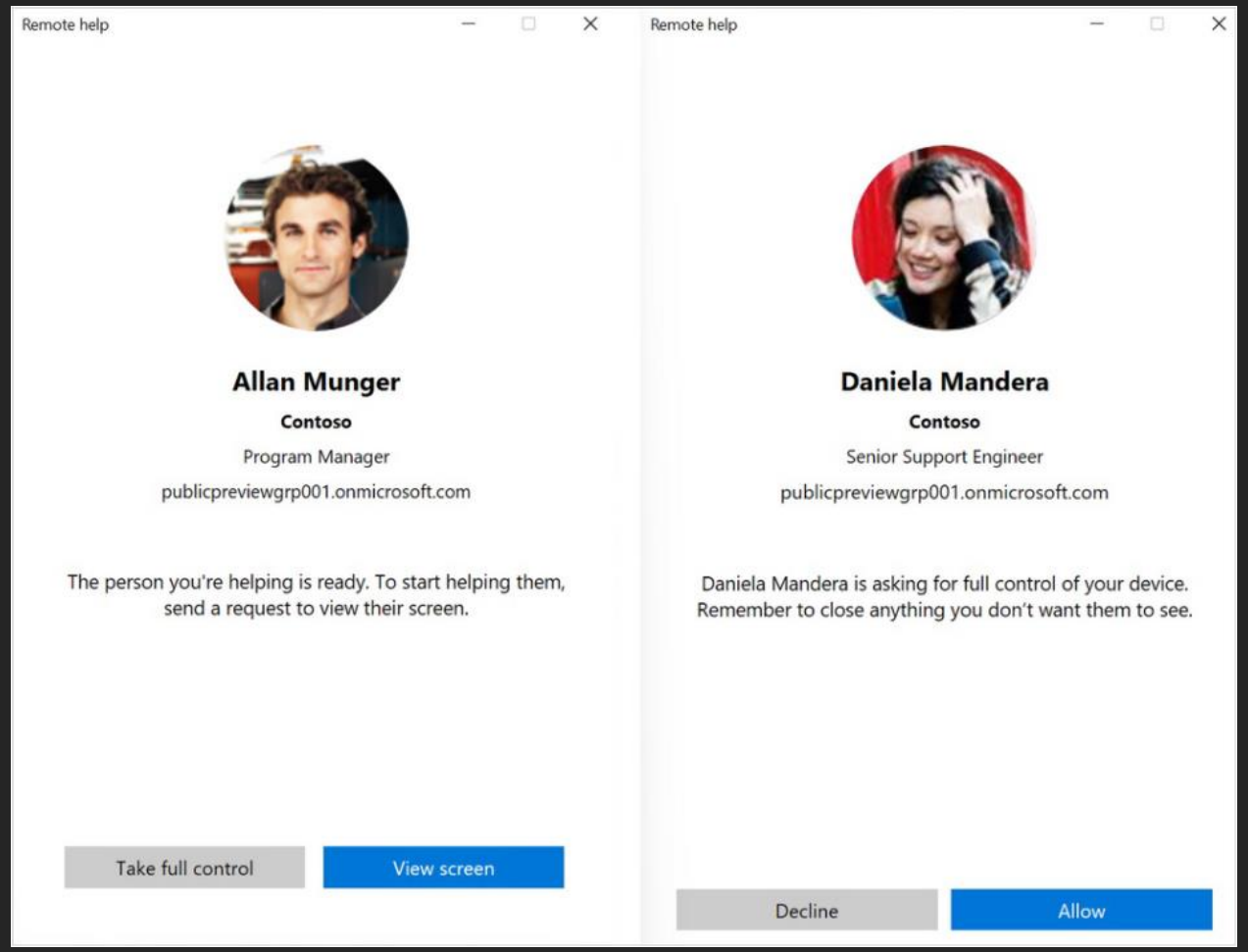
Remote session RBAC

- Own permissions



New remote help Windows app

- New app required



Remote help

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- Preview coming soon!
- GA in early 2022
- Licensing not published yet:
  - “we intend to offer remote help as an advanced endpoint management solution at a premium above the existing price of licensing options that include Microsoft Endpoint Manager or Microsoft Intune”
- What will happen with Remote Tools over CMG?
- Remote help: a new remote assistance tool from Microsoft - Microsoft Tech Community

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Windows updates and driver management

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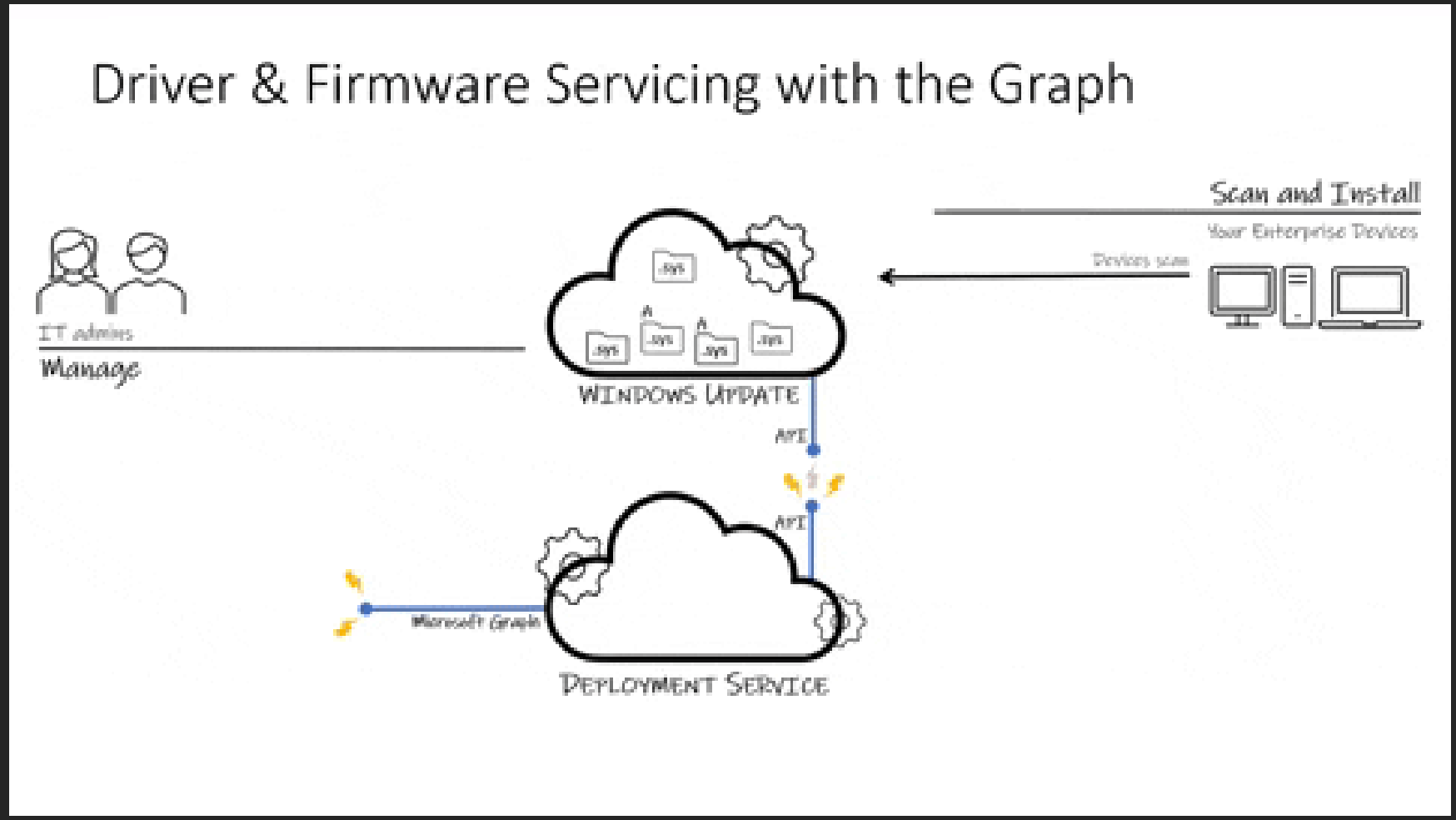
Deployment service for driver updates

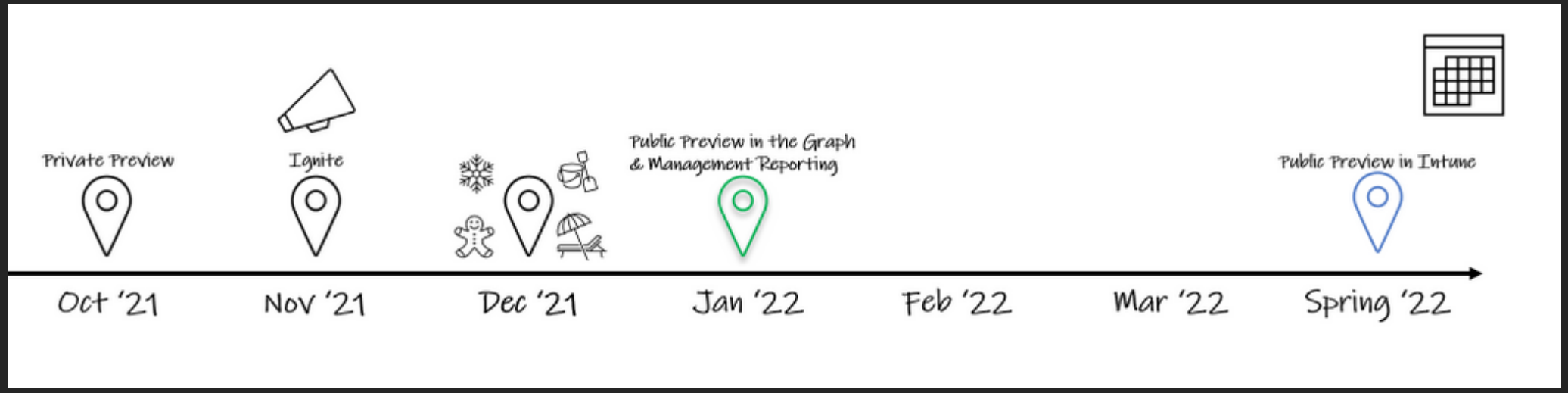
https://techcommunity.microsoft.com/t5/windows-it-pro-blog/deployment-service-for-driver-updates-public-preview-coming-soon/ba-p/2914212

Deployment service for driver updates

- Approve driver/firmware updates

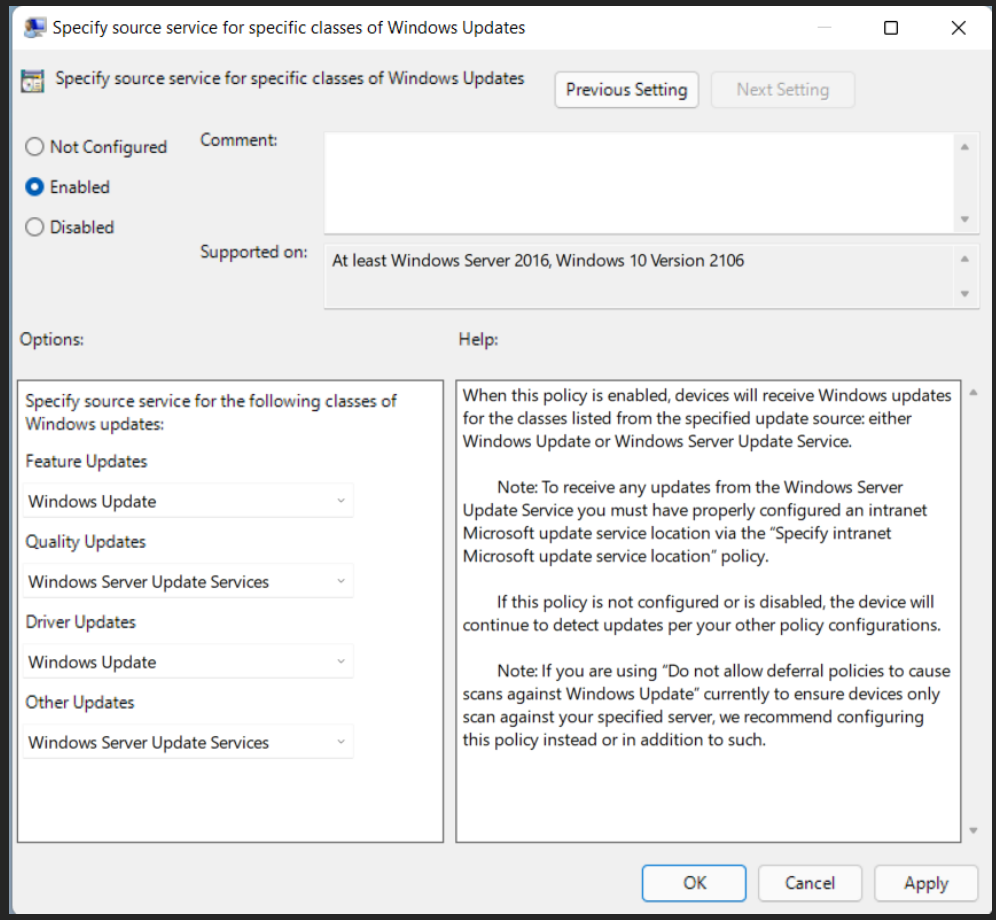


Deployment service for driver updates: Roadmap



Update locations

- Get specific update contents from different locations
  - WSUS or Windows Update
- Windows 10 21H2 & Windows 11



More about updates:

See Julie's session: Wed 14.00 CET
Windows Updates, Why Modernize

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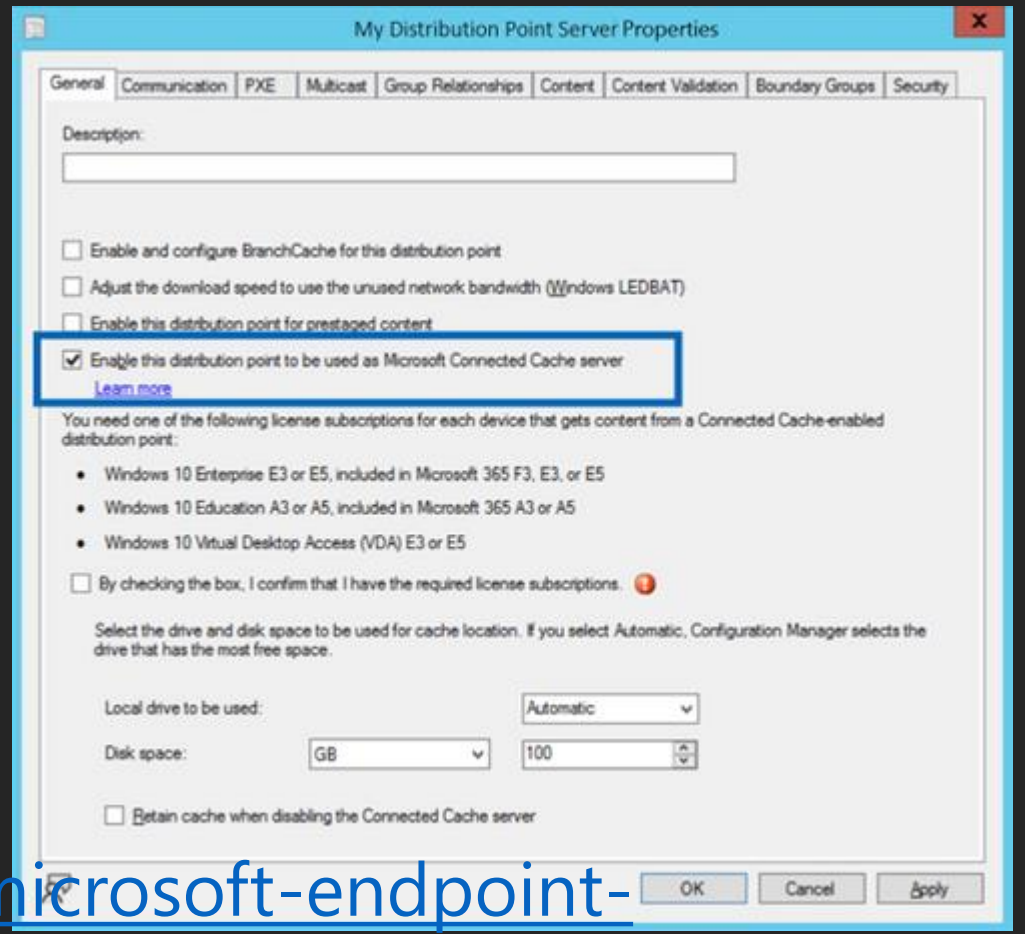
Microsoft Connected Cache

https://techcommunity.microsoft.com/t5/microsoft-endpoint-manager-blog/microsoft-connected-cache-for-configuration-manager-generally/ba-p/2910802

Microsoft Connected Cache in MEMCM

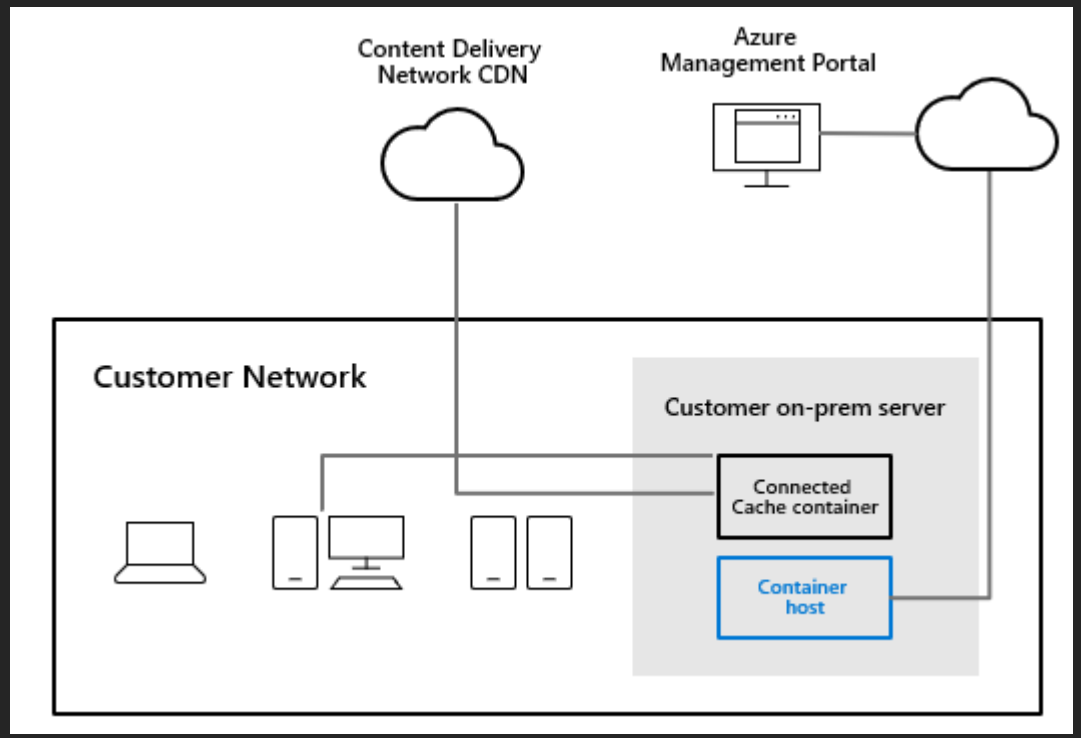
- Delivery optimization content server
  - Option on a ConfigMgr DP role
- Out of preview in ConfigMgr 2111
  - Preview started in ConfigMgr 1906
- Supports also non-ConfigMgr clients



https://techcommunity.microsoft.com/t5/microsoft-endpoint-manager-blog/microsoft-connected-cache-for-configuration-manager-generally/ba-p/2910802

Microsoft Connected Cache managed in Azure

- Stand-alone local DO server
  - Windows/Linux
- Management from Azure
- Early preview published at Ignite 2019!



https://techcommunity.microsoft.com/t5/windows-it-pro-blog/introducing-microsoft-connected-cache-microsoft-s-cloud-managed/ba-p/963898

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Windows 11 compatibility data

Desktop Analytics

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Desktop Analytics doesn't support Windows 11. For information about Windows 11 hardware readiness, Microsoft recommends that you enable tenant attach and **Endpoint analytics**.

ⓘ Important

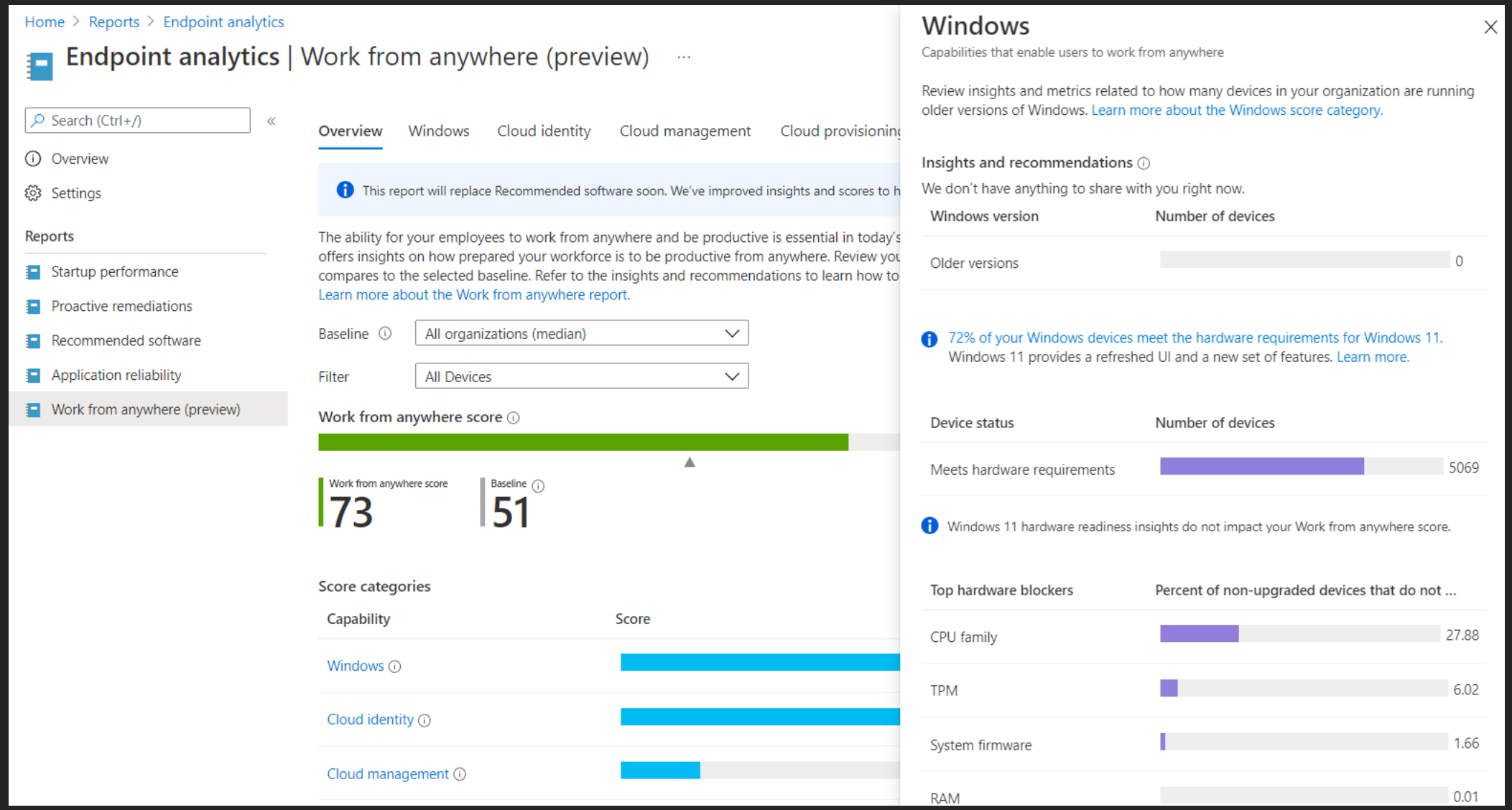
The recent shift to hybrid and remote work is changing the way organizations manage enterprise devices. Many organizations are moving to modern cloud management solutions. Microsoft is making new features available in Microsoft Endpoint Manager to better facilitate and support this change as you begin your transition to Windows 11 devices.

To align investments with this shift, **Desktop Analytics will be retired on November 30, 2022**. Over the next year, the types of insights currently found in Desktop Analytics will be incorporated directly into the Microsoft Endpoint Manager admin center.

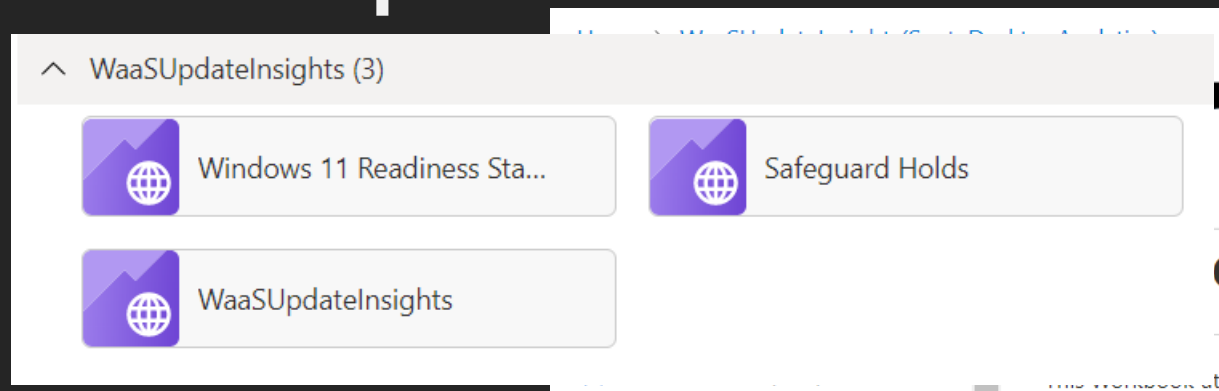
For more information, see **A data-driven approach to managing devices in your organization**.

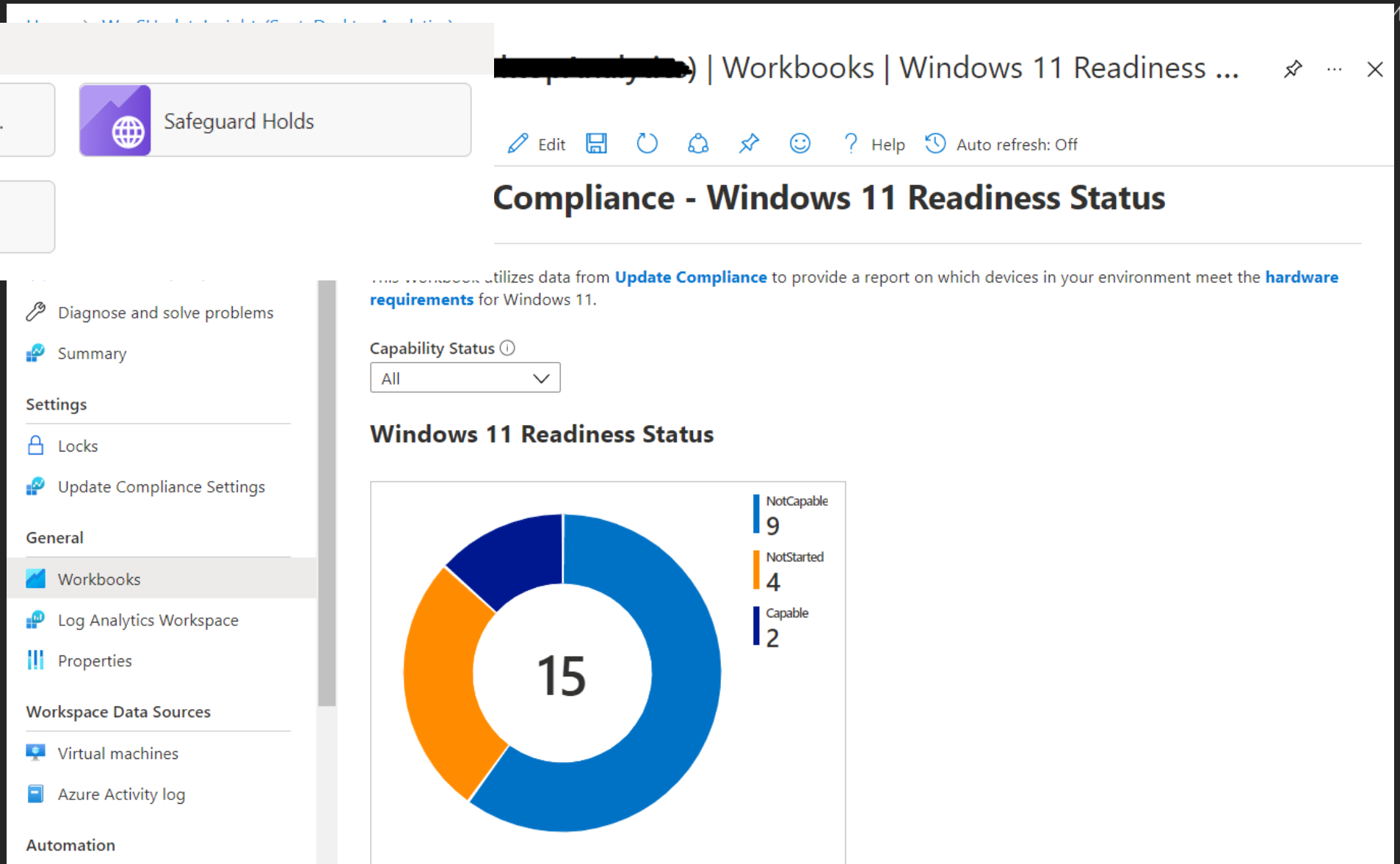
[What's new in Desktop Analytics - Configuration Manager | Microsoft Docs]

Windows 11 Compat: Endpoint Analytics



Windows 11 Compat: Update compliance





Upcoming improvements

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New Reports in Microsoft Endpoint Manager admin center

In the coming months, we'll be releasing device-level upgrade and update readiness insights directly in the Reports node of the Microsoft Endpoint Manager admin center, giving you insights for all your Endpoint Manager-managed devices. These reports will tell you if any of your Windows devices have application or driver compatibility risks or Safeguard holds that will prevent an upgrade from Windows 10 to Windows 11 – or a feature update from one version of Windows to another. We will also show you the top compatibility risks across your organization making it easy to see which impact the largest number of devices so that you can prioritize fixes effectively.

A data-driven approach to managing devices in your organization - Microsoft Tech Community

Make your own report?

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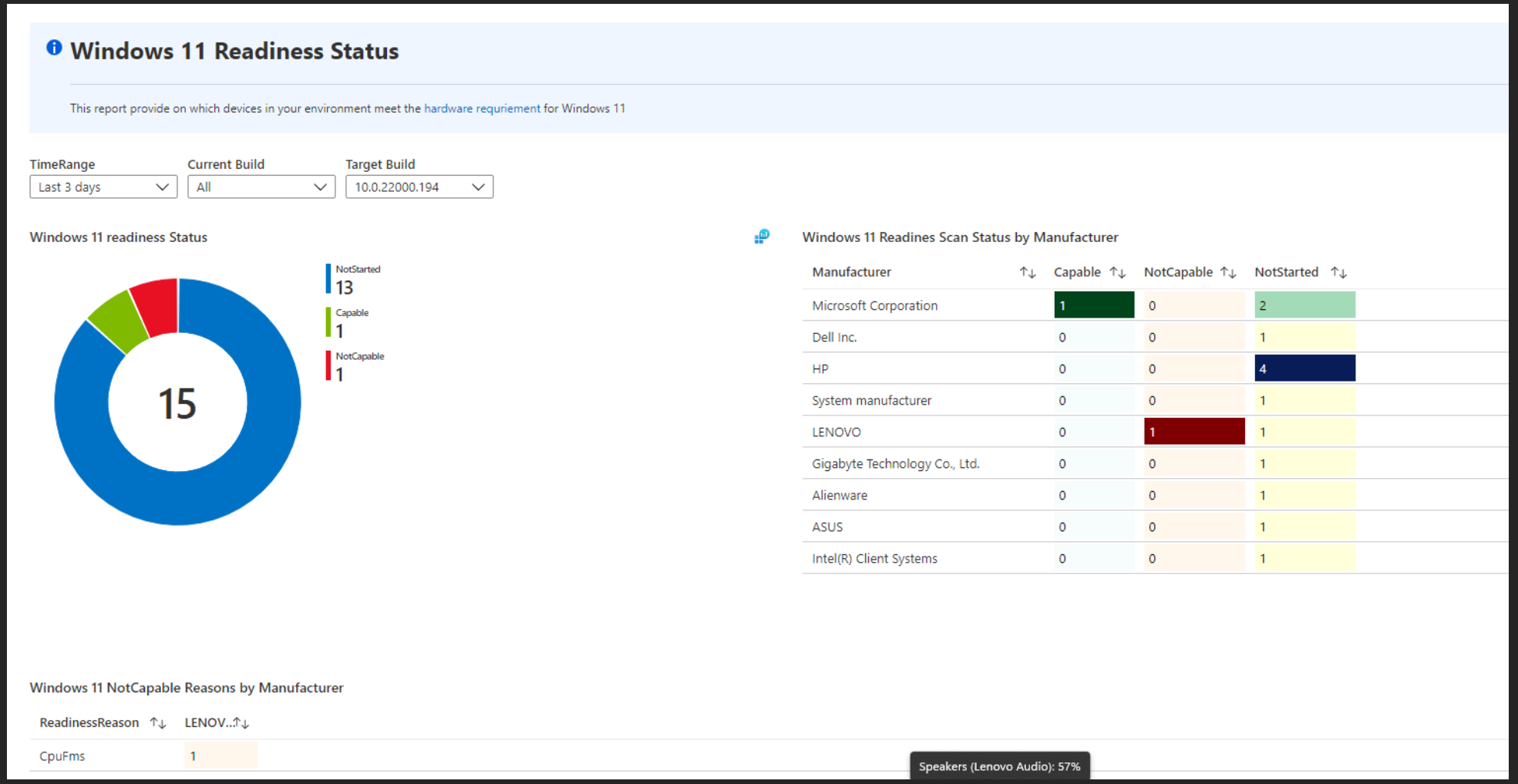
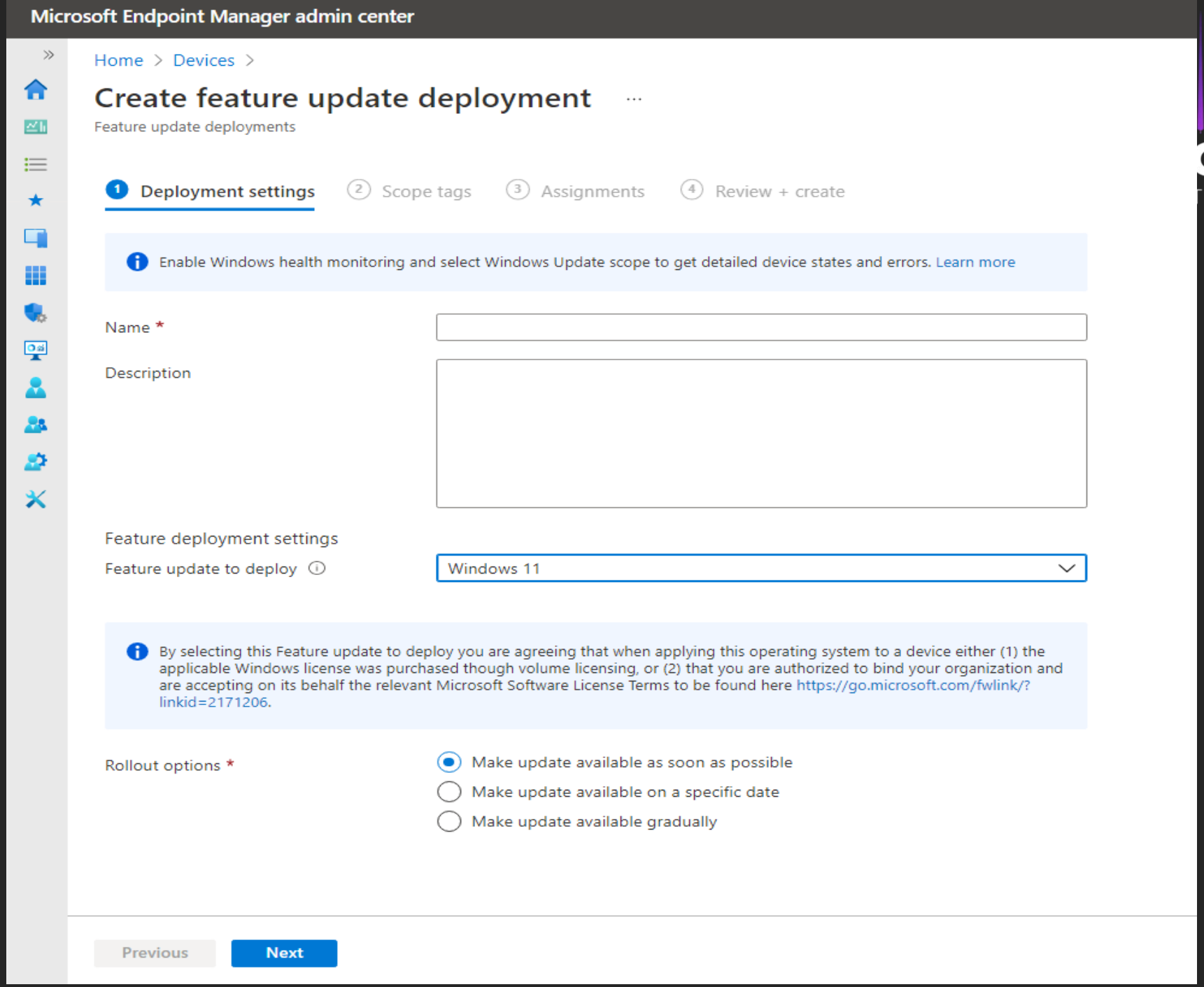


Schedule Windows 11 Updates



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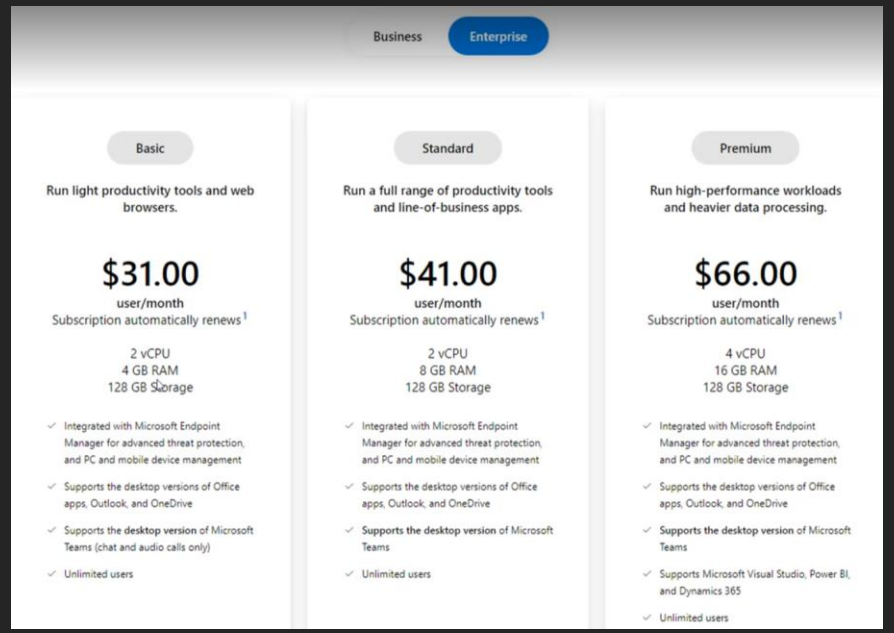
Windows 365

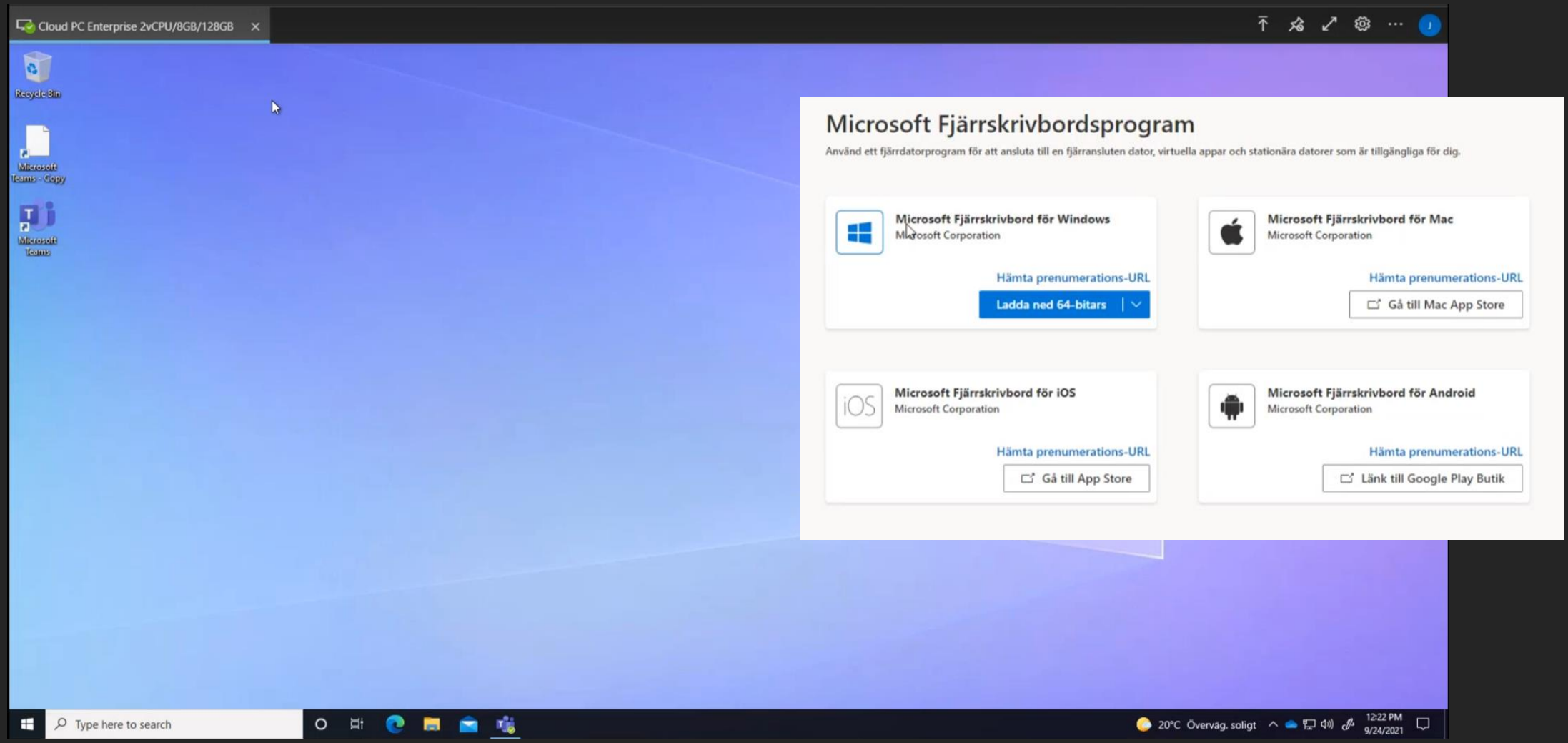
Windows 365 – What is it

- PC in the Cloud
- Accessible from any device
- License based = Fixed Price
- License = Size and type of VM
- Hosted in Microsoft Subscription
- Connectivity is hosted by Microsoft

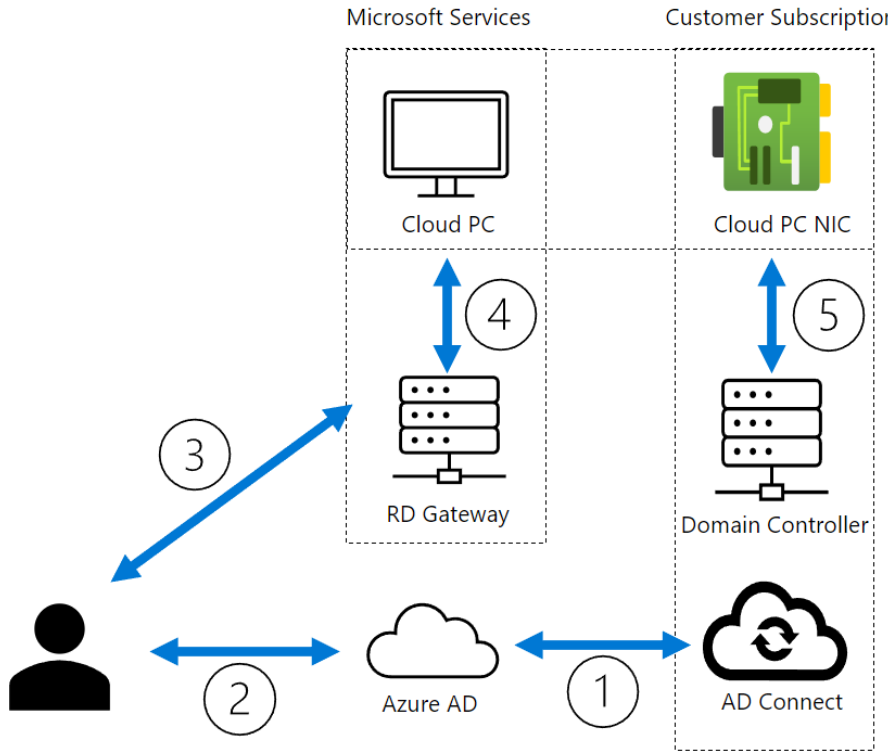


See Petter's session: Wed 10.00 CET
Windows 365: Why? When? When not?

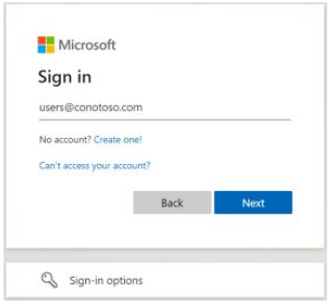
Windows 365 - Overview



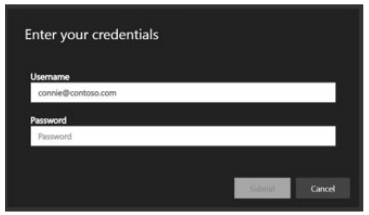
Windows 365 - Authentication



1. AD Connect Synchronising User Identities
2. User connects to service. Azure AD Auth prompt



3. After successful Auth – redirect to Windows 365 Service and initiate connection to Cloud PC
4. Users Cloud PC challenges for Domain Authentication



5. Cloud PC verifies credentials with Domain Controller.

Windows 365 – Ignite

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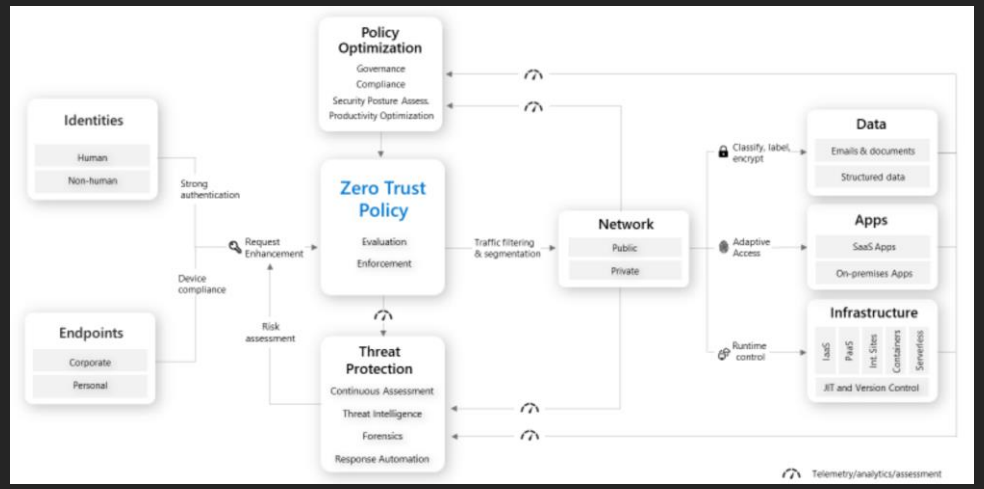
- Performance Improvements
- Native Azure AD Join Support
  - No Domain Controller Required
  - No VNET or Azure Subscription Required
  - SSO Support
  - Windows Hello

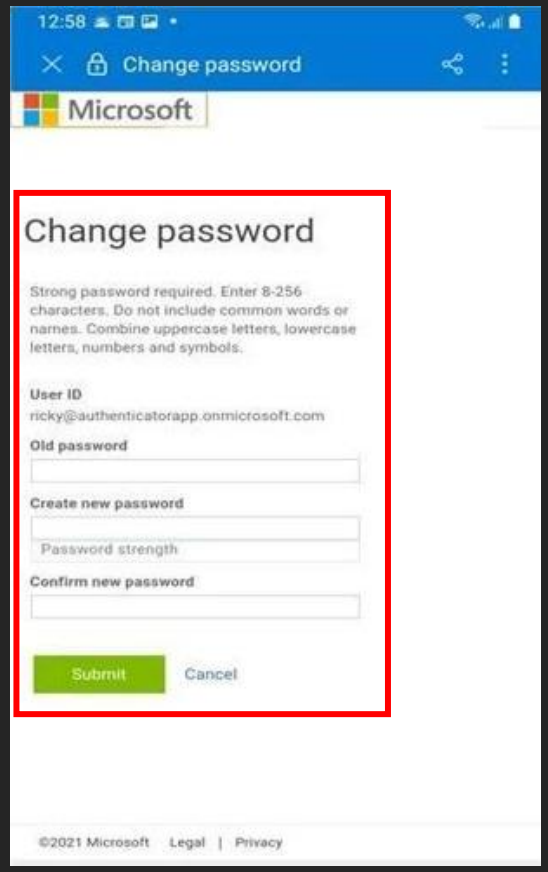
https://techcommunity.microsoft.com/t5/windows-it-pro-blog/what-s-happening-windows-365-at-microsoft-ignite/ba-p/2912555



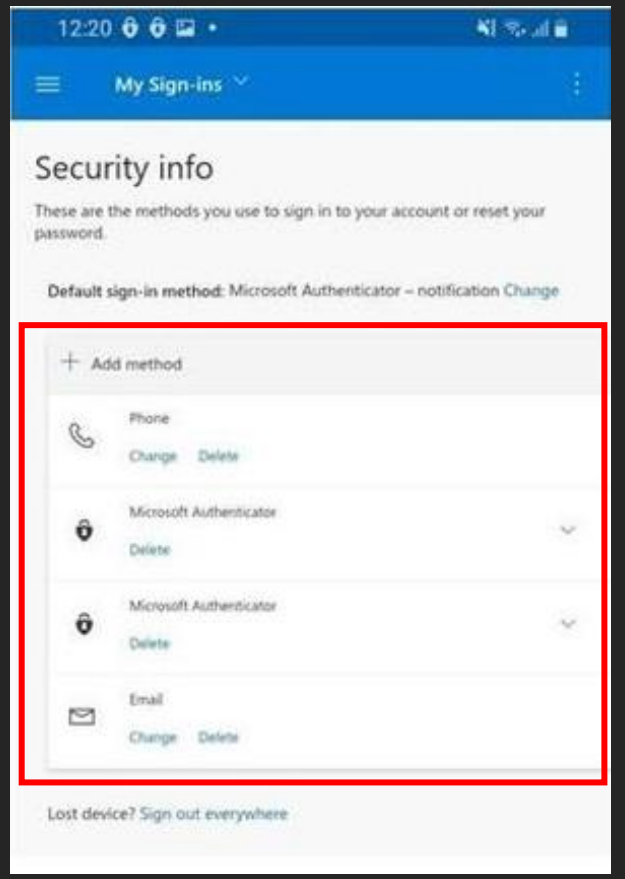
Zero Trust Updates

aka.ms/ztamodel

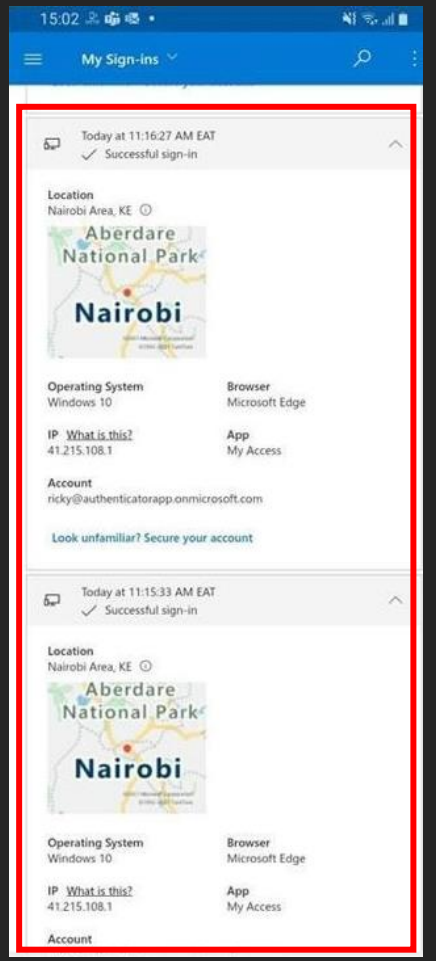
Authenticator App – PW Change



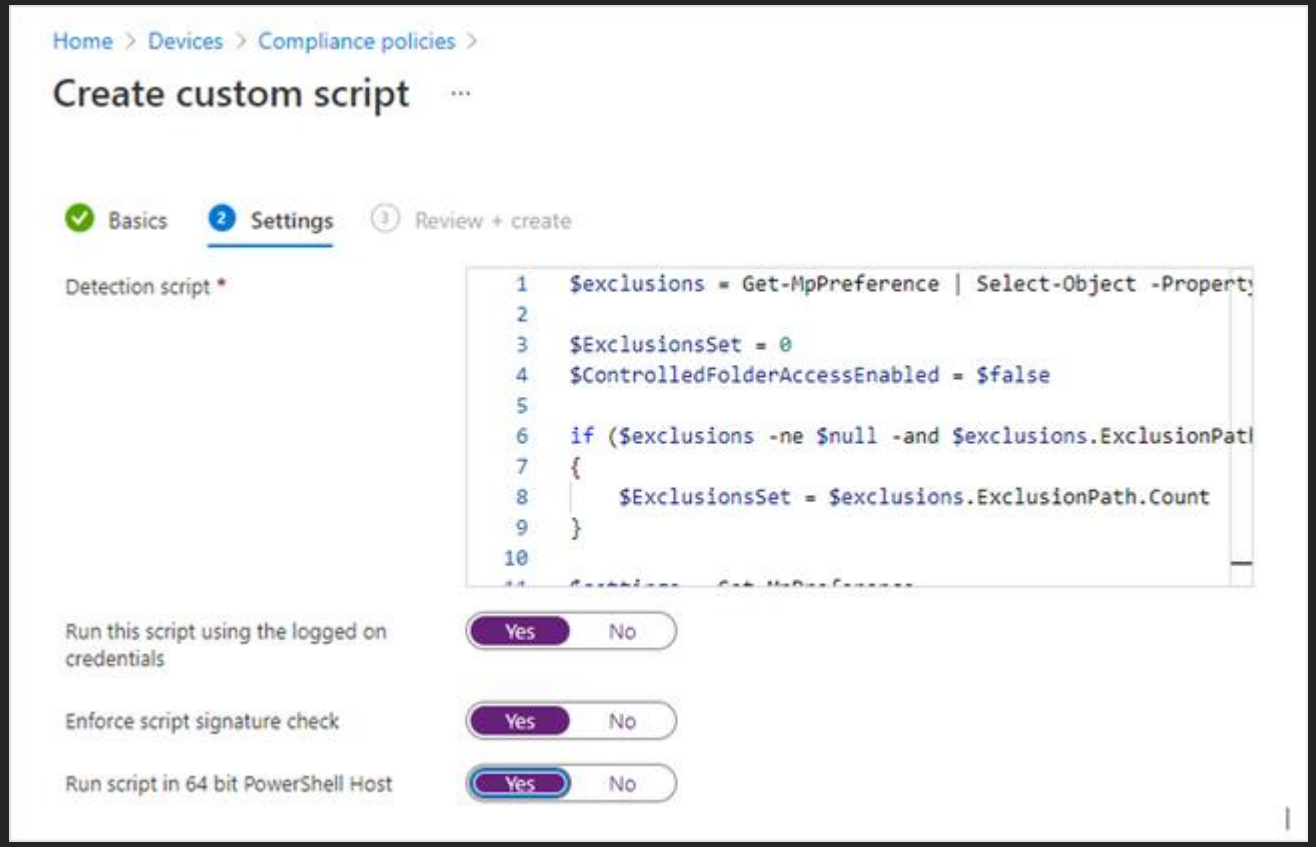
Authenticator App – Security Info



Authenticator App – Review Signins



Conditional Access – Custom Compliance



https://techcommunity.microsoft.com/t5/microsoft-endpoint-manager-blog/microsoft-endpoint-manager-adds-management-and-compliance-checks/ba-p/2902346#WindowsCustomCompliance

Conditional Access – Device Filters

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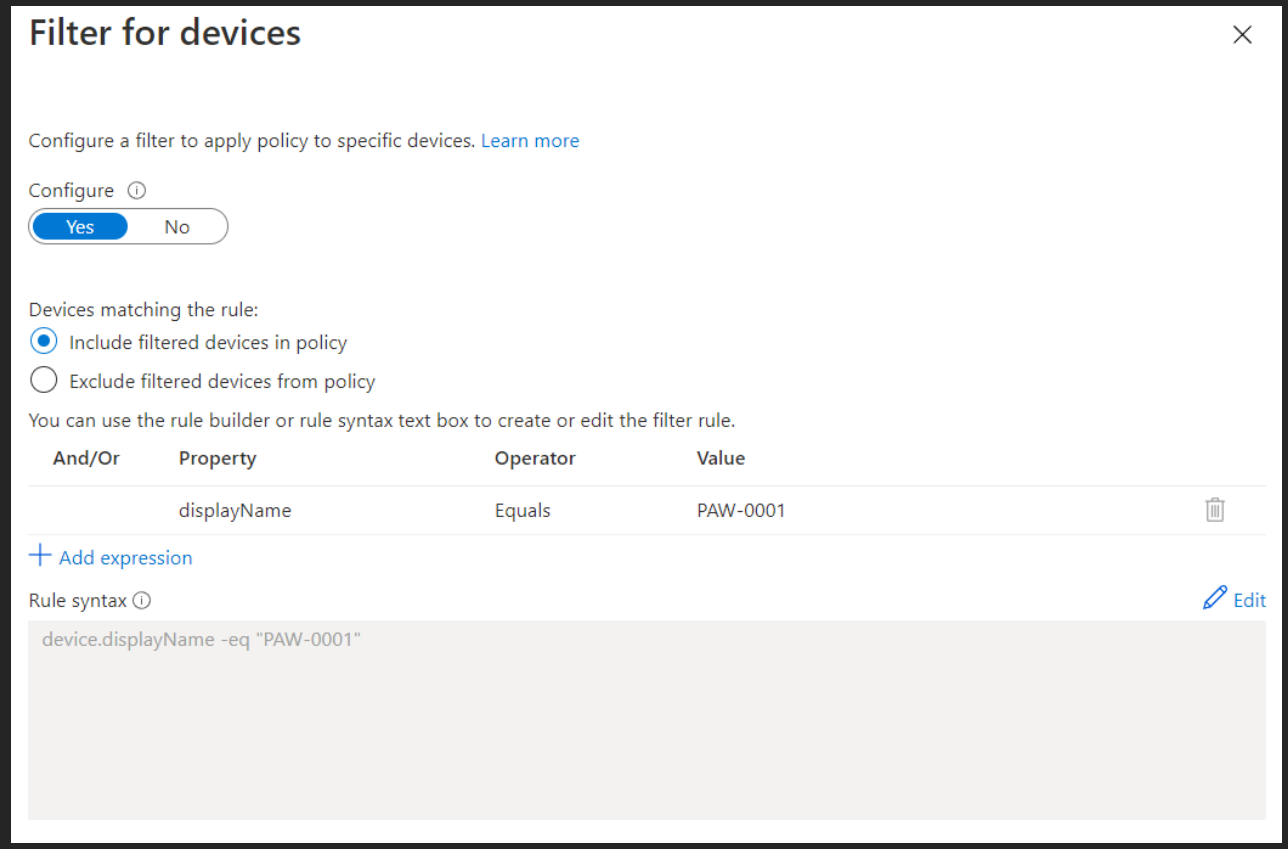
- Condition based on Devices
- Example PAW Scenario



MEM – Linux

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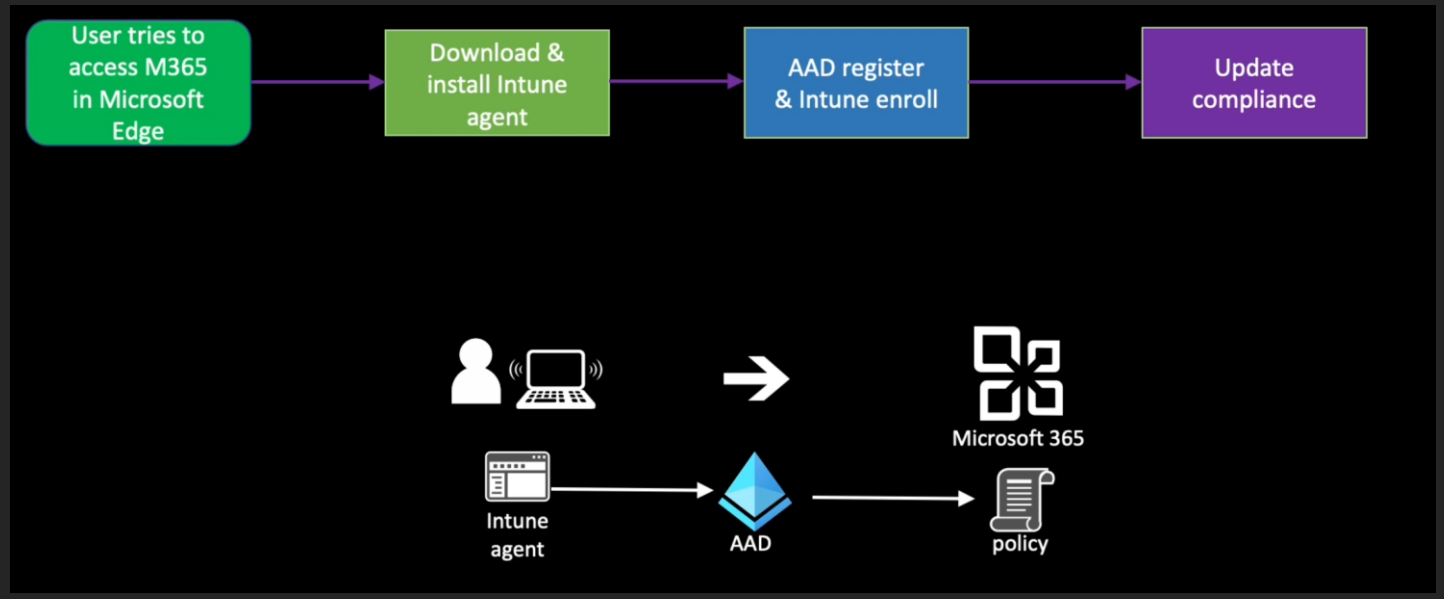
- *Preview Early 2022*
- Enroll Linux Desktops with MEM and AAD
- Target Compliance Policies
  - Require Distro type and version
  - Password Complexity
  - Encryption
- Reporting in MEM
- Ensure AV is Enabled
- Deploy Custom Scripts
- Apply Wi-Fi Profiles and Certificates

https://techcommunity.microsoft.com/t5/microsoft-endpoint-manager-blog/microsoft-endpoint-manager-adds-management-and-compliance-checks/ba-p/2902346

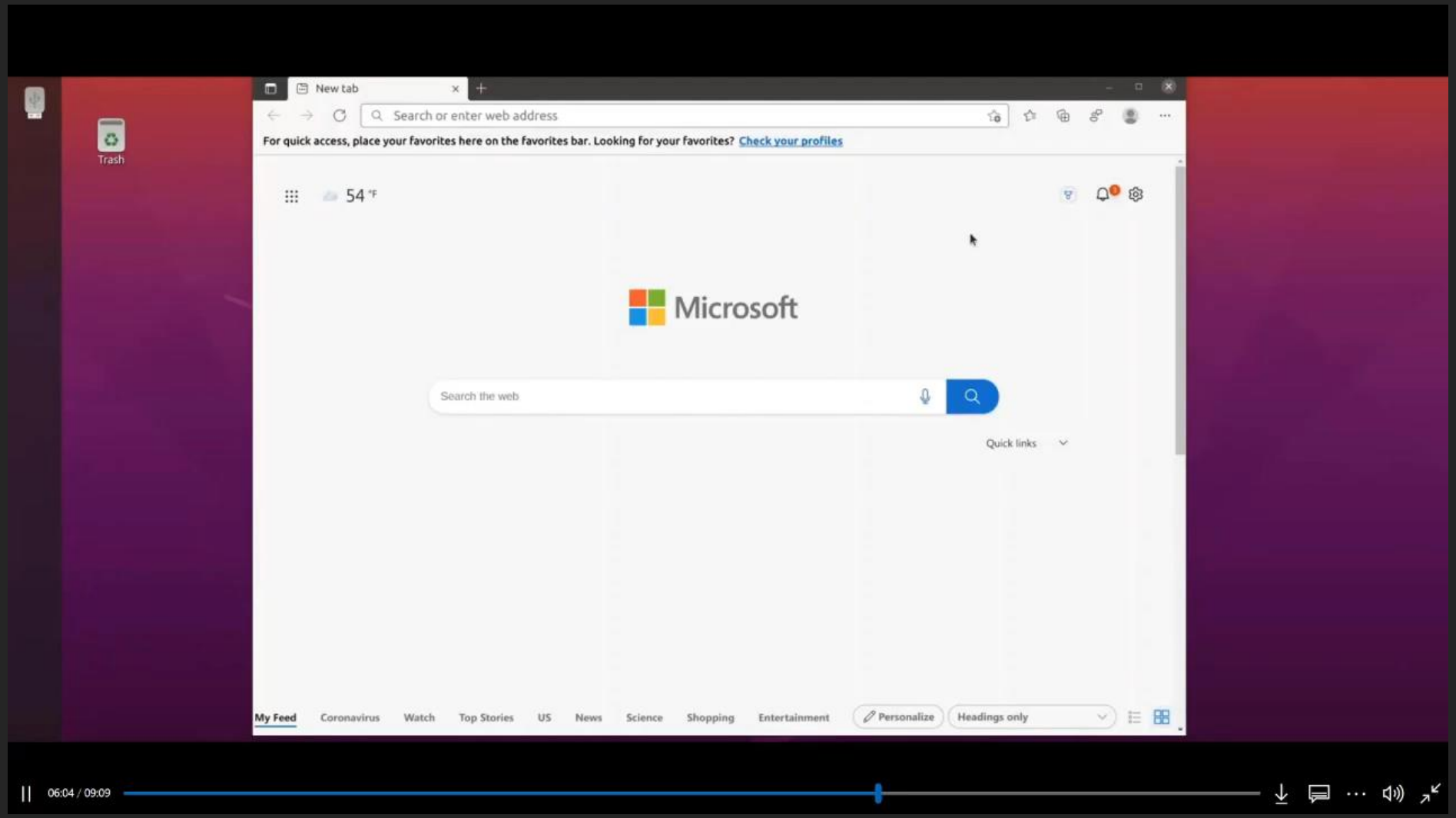
Conditional Access – Linux

- Use Conditional Access to Grant web app usage based on device compliance



https://techcommunity.microsoft.com/t5/microsoft-endpoint-manager-blog/microsoft-endpoint-manager-adds-management-and-compliance-checks/ba-p/2902346

Linux Demo


Trash
New tab
Search or enter web address
For quick access, place your favorites here on the favorites bar. Looking for your favorites? Check your profiles
54 °F
Microsoft
Search the web
Quick links
My Feed
Coronavirus
Watch
Top Stories
US
News
Science
Shopping
Entertainment
Personalize
Headings only
06:04 / 09:09

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Microsoft Defender for Endpoint

What's new in MDE

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- Microsoft Defender for Business
- Microsoft Defender P1
- Unified Down-level Agent in Preview for WS 2012 R2 and 2016
- Preview of new Policy Management Channel
- Linux Agent Enhancements
  - Linux Live Response (Private Preview)
  - TVM Preview for Debian
  - New Distribution Support (Amazon Linux 2 and Fedora 33+ and Preview of RHEL6.7+ CentOS 6.7+)
  - Behavior Monitoring is GA (Memory Scanning, Ransomware)

https://techcommunity.microsoft.com/t5/microsoft-endpoint-manager-blog/endpoint-security-for-unenrolled-defender-for-endpoint-devices/ba-p/2822656

Microsoft Defender for Business

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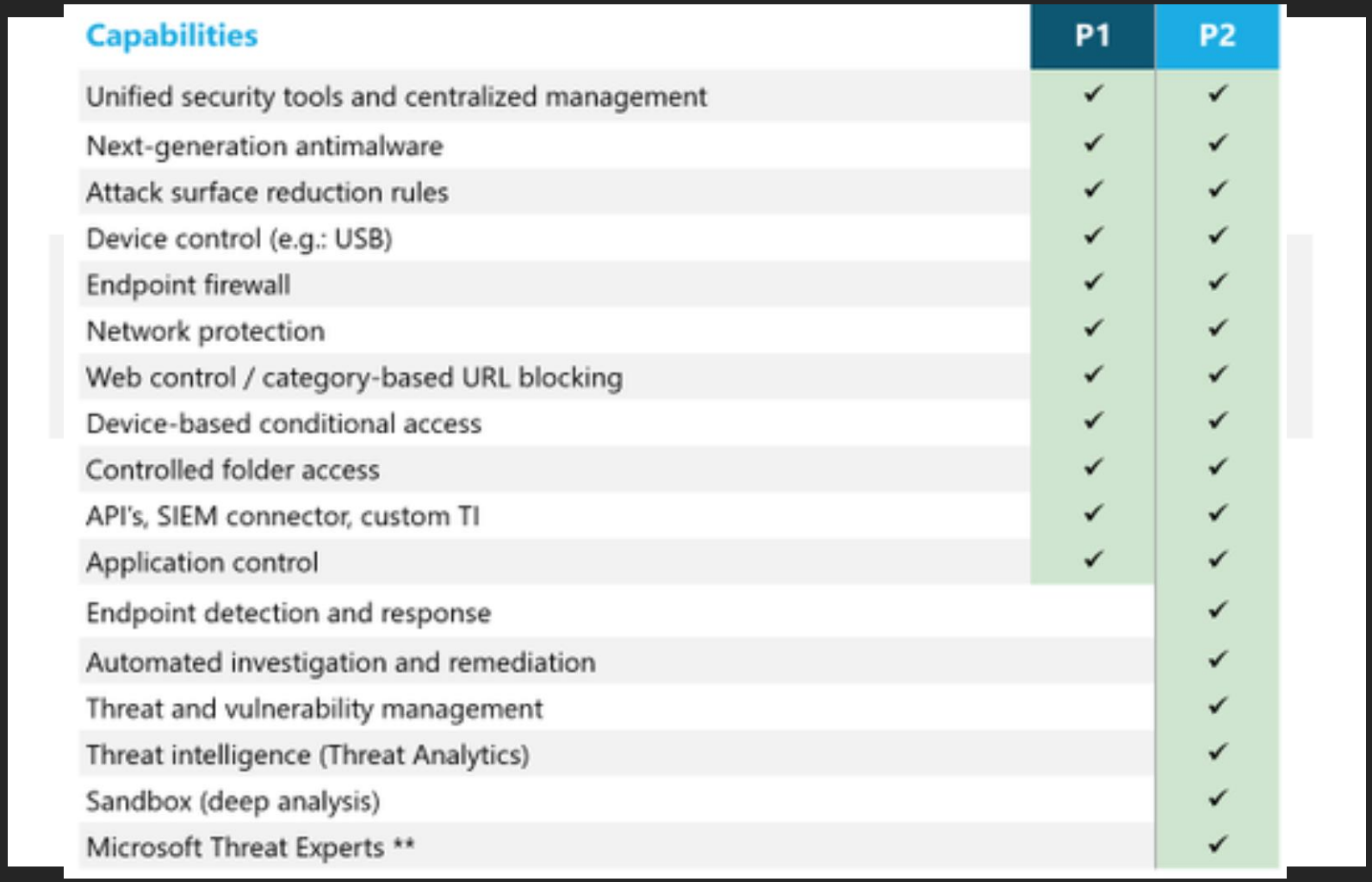
- Small Business Offer up to 300 Seats
  - As a standalone offering, priced at $3 per user per month.
  - Included as part of Microsoft 365 Business Premium

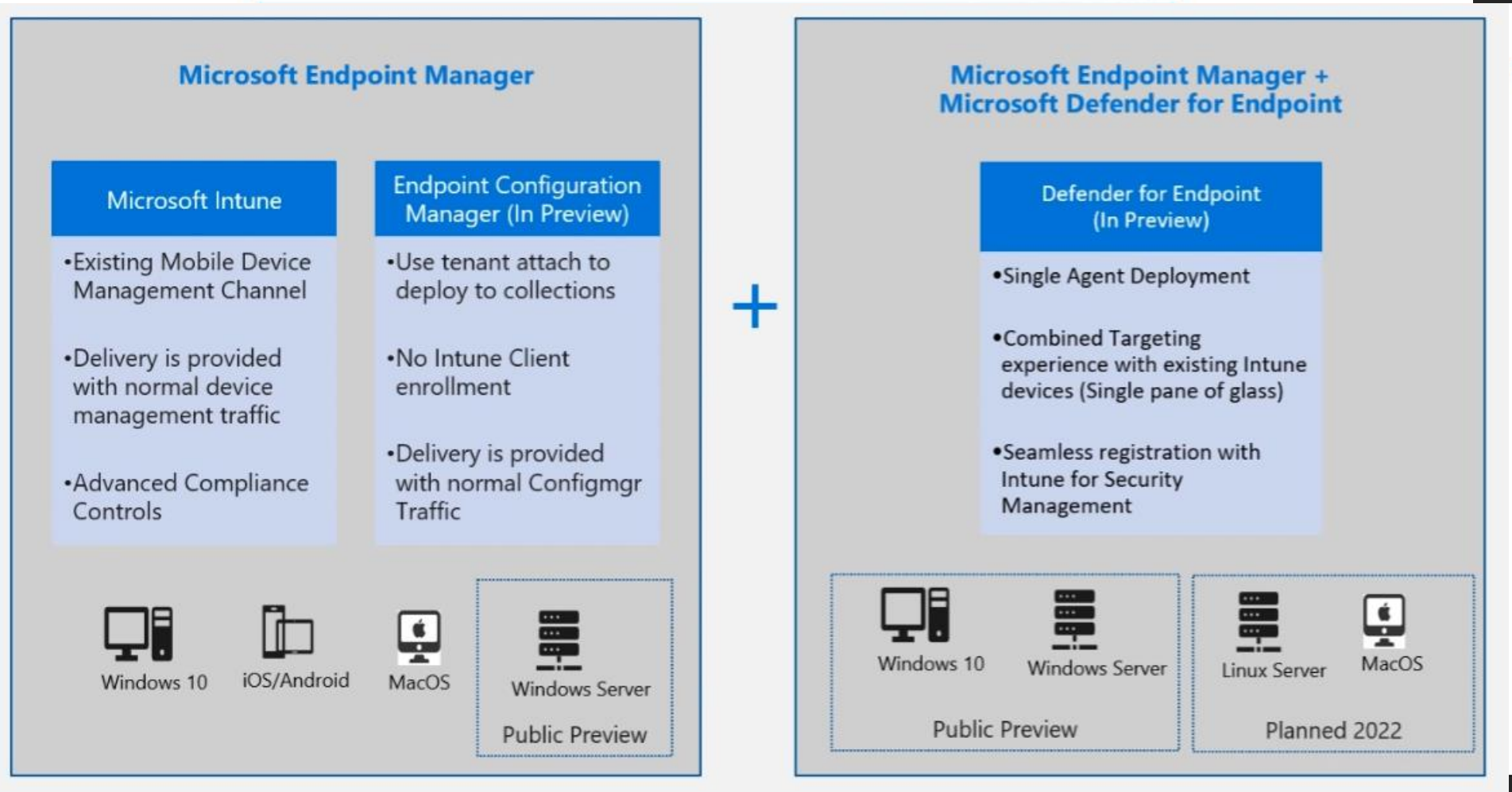
Microsoft Defender for Endpoint P1



Capabilities	P1	P2
Unified security tools and centralized management	✓	✓
Next-generation antimalware	✓	✓
Attack surface reduction rules	✓	✓
Device control (e.g.: USB)	✓	✓
Endpoint firewall	✓	✓
Network protection	✓	✓
Web control / category-based URL blocking	✓	✓
Device-based conditional access	✓	✓
Controlled folder access	✓	✓
API's, SIEM connector, custom TI	✓	✓
Application control	✓	✓
Endpoint detection and response		✓
Automated investigation and remediation		✓
Threat and vulnerability management		✓
Threat intelligence (Threat Analytics)		✓
Sandbox (deep analysis)		✓
Microsoft Threat Experts **		✓

If you have Microsoft 365 E3 or A3 but not Microsoft 365 E5 or A5 https://aka.ms/mdep1trial

MDE Policy Management



Other new annoucements

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- https://techcommunity.microsoft.com/t5/microsoft-365-blog/announcing-ga-of-servicing-profiles-for-microsoft-365-apps/ba-p/2910765
- https://techcommunity.microsoft.com/t5/microsoft-endpoint-manager-blog/microsoft-adds-android-open-source-project-device-management/ba-p/2792318
- https://techcommunity.microsoft.com/t5/video-hub/managing-macos-devices-with-microsoft-endpoint-manager/ba-p/2911282

MEM related sessions at Ignite

- Managing Windows updates in the cloud (The Blueprint Files)
- Manage Windows updates in the Cloud
- Endpoint Management for hybrid work
- Interpreting Data in Microsoft Endpoint Manager
- Endpoint security management with Microsoft Endpoint Manager
- Cloud native Windows Endpoints (microsoft.com)

What's missing?

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- No new announcements/sessions about upcoming Microsoft Store and MEM integration
  - One Q & A session about apps management, no recording available
  - **Delivering apps in the enterprise**

Summary

- Zero trust enhancements
- Data driven insights (Endpoint analytics)
- Tools for Windows 11 enterprise deployment
- Windows 365/Azure Virtual Desktop
- Support for non-Windows platforms