
Microsoft
Fabrikam
Product Description:
Seat shell: Polypropylene
Seat frame: Steel. Epoxy/polyester powder coating
Threaded column: Steel. Polyamide. Acetal plastic.
Epoxy/polyester powder coating
Casters/ Tube caps/ Main parts: Polypropylene
Part 1: Steel. Galvanized
Product Dimensions:
Tested for: 243 lb
Width: 26 3/8 "
Depth: 26 3/8 "
Max. height: 32 5/8 "
Seat width: 17 3/4 "
Max. height: 32 5/8 "
Max. seat height: 20 1/8 "
Min. seat height: 15 3/8 "
Fabrikam.com
Managing Microsoft Teams Phones

Device management touchpoints

Teams admin center

Azure Active Directory portal

Endpoint Manager admin center

Teams admin center

Teams admin center

One place to manage all your Teams devices

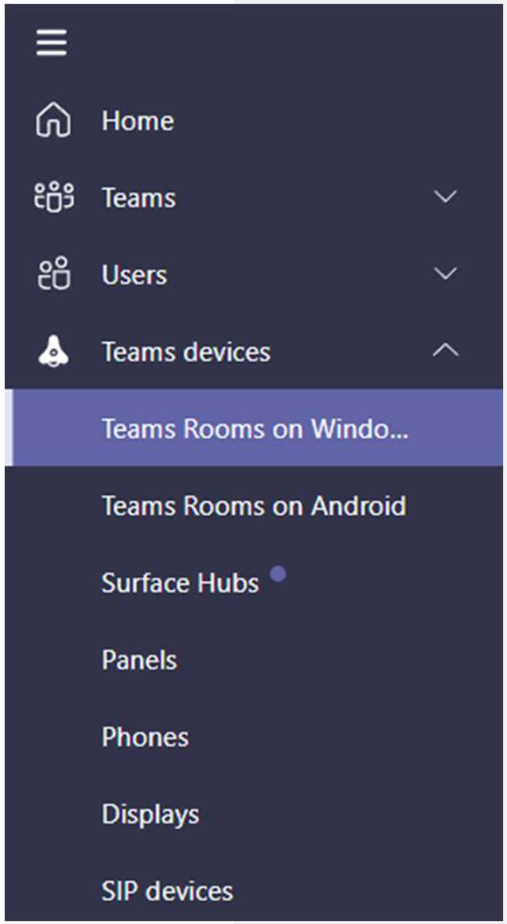
Granular device management

Inspect device health

Log Collection

Meeting history

Performance statistics (network, audio, etc.)



Teams admin center roles

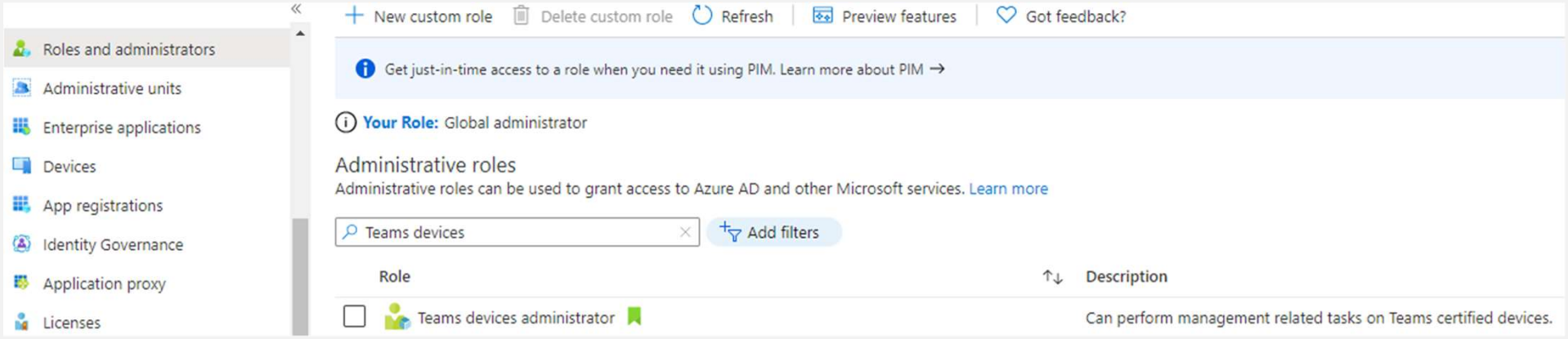
Microsoft 365 Global administrator

Teams administrator

Teams devices administrator

Assigned via **Azure AD portal**

Assigned via **Microsoft 365 admin center**



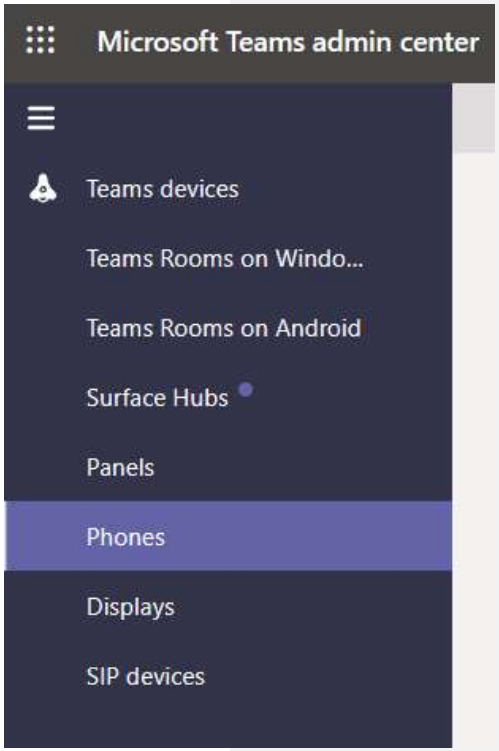
Introducing Teams devices administrator

Limited to managing Teams devices

Can **not** limit to a specific device type

Can **not** view call quality or call history data

To view call quality data or call analytics, you need to be assigned one of the **Teams Communications** roles.

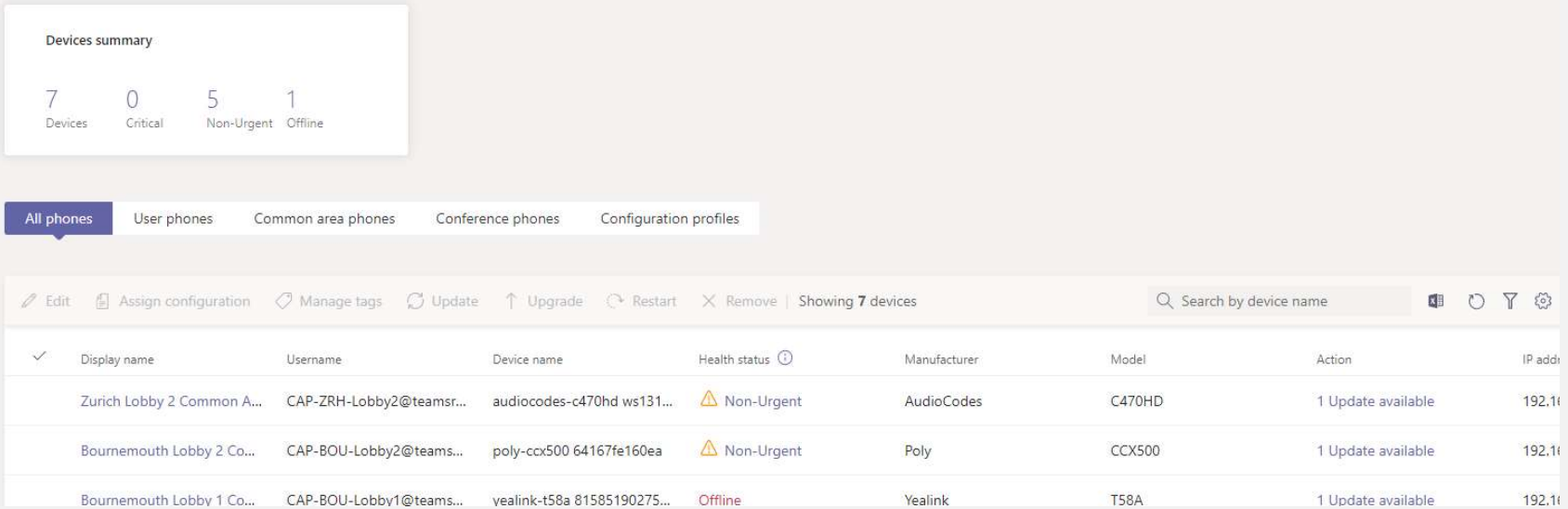


Managing Teams devices

See summary of all devices

Apply configurations and tags

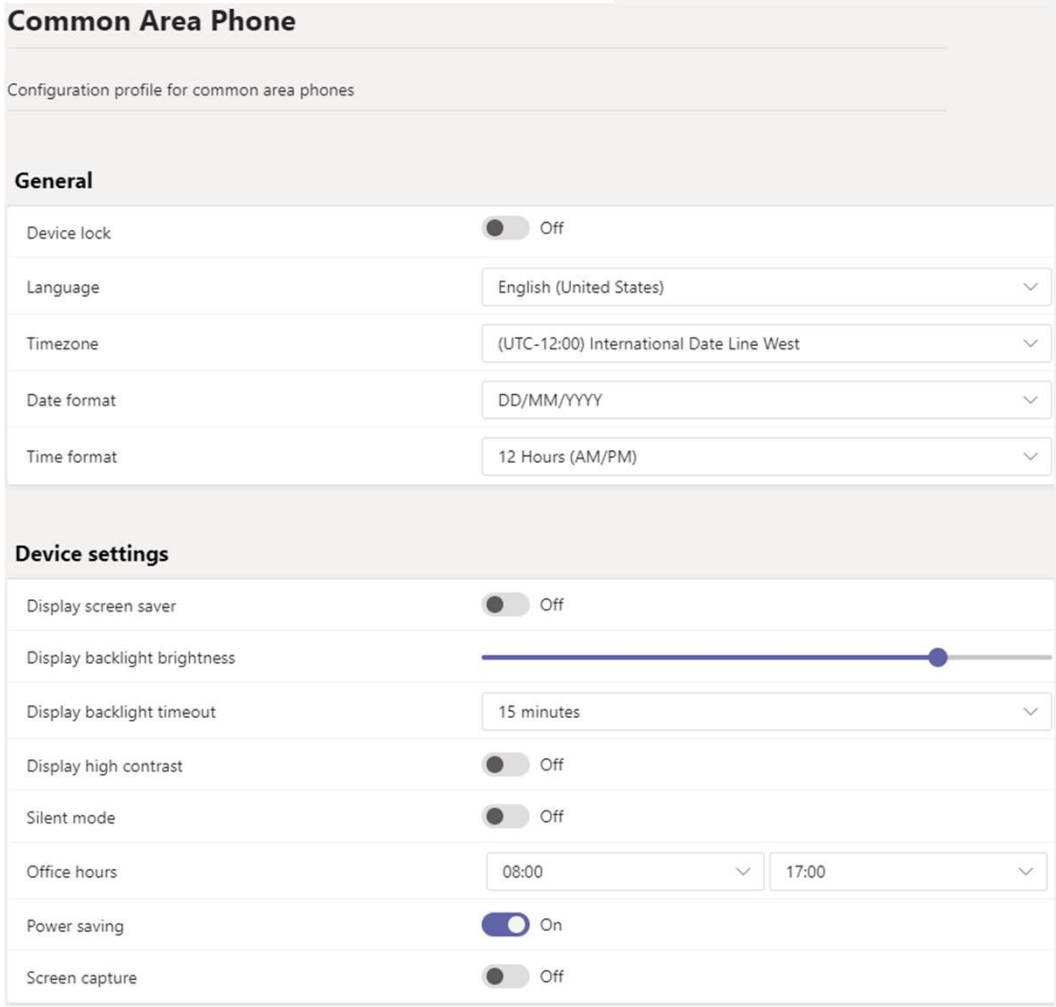
Update firmware



Configuration profiles

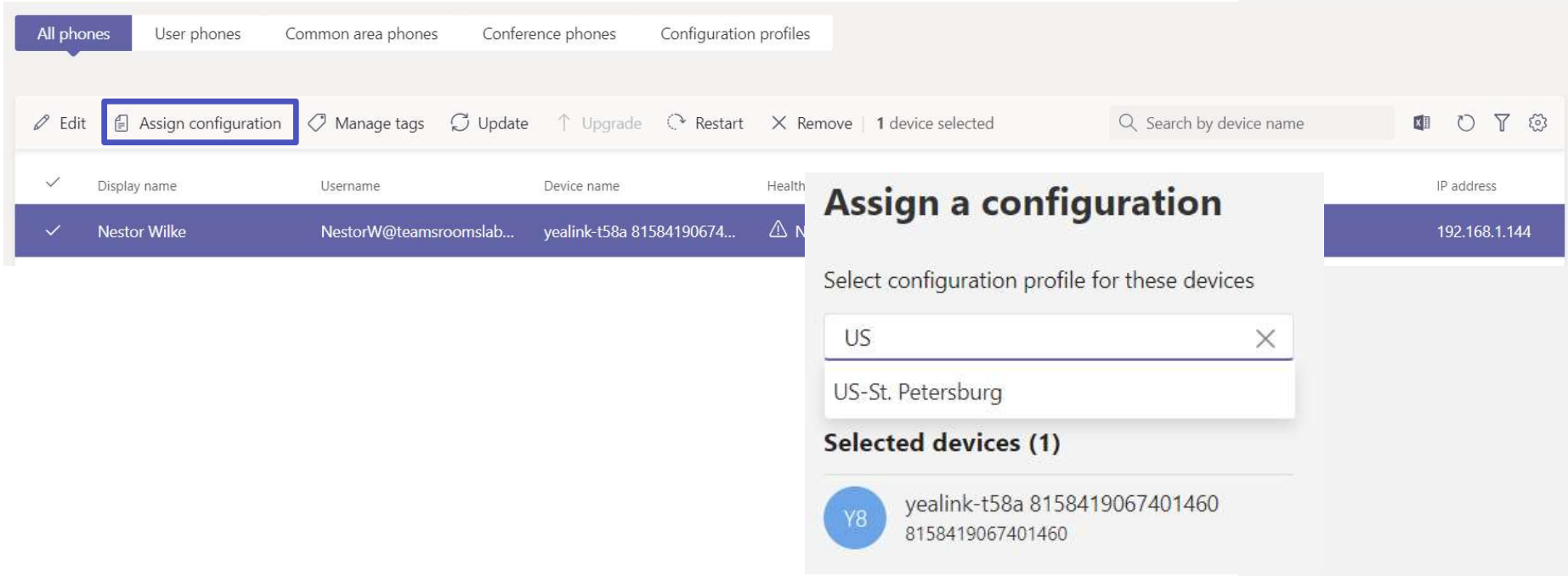
Manage settings and features for Teams devices

Assign a profile to one or many devices



Configuration profiles

Assign profile to devices



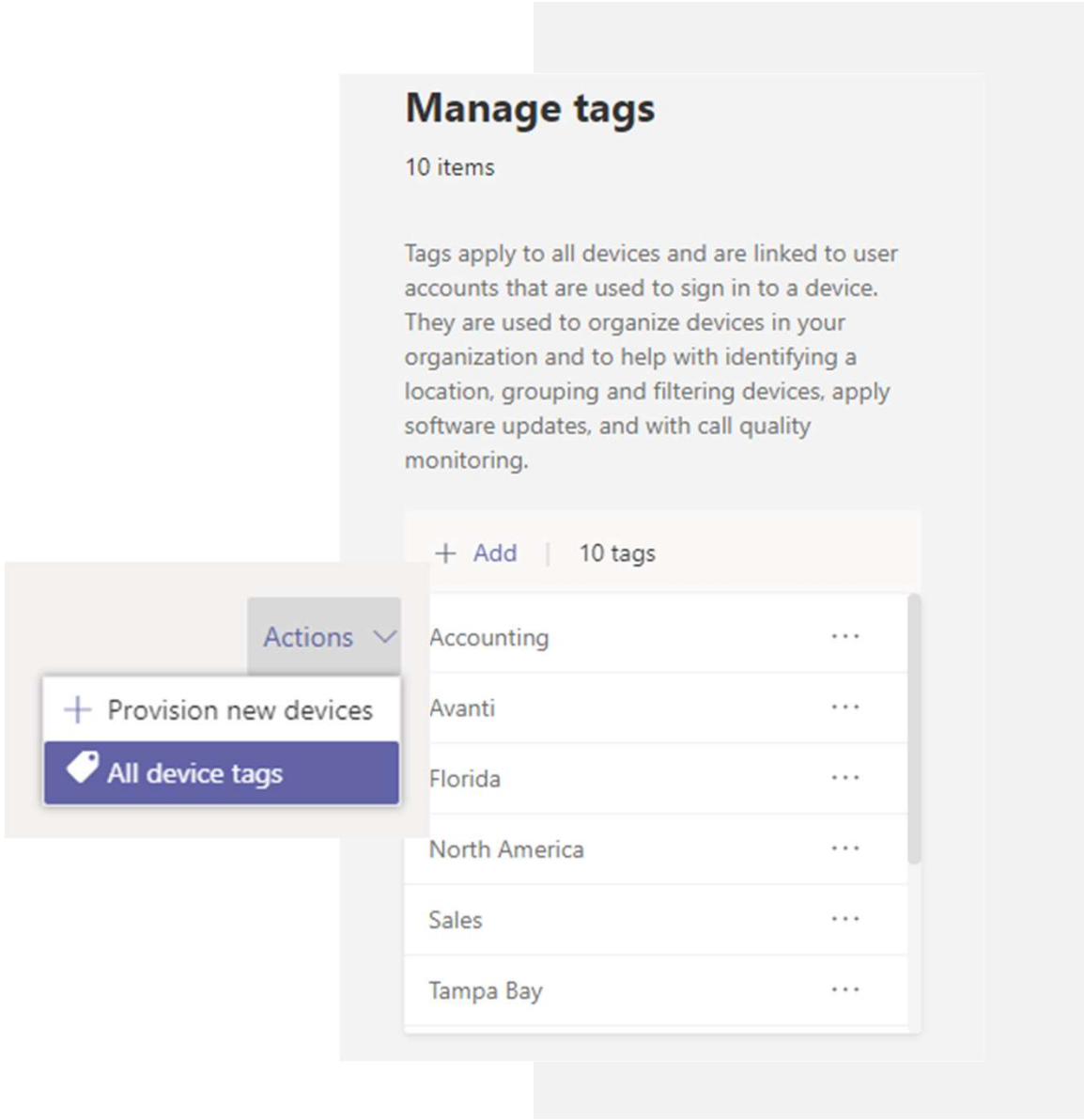
Tags

Group, organize, and more easily manage the devices you've deployed.

Device tags are assigned to the account that's logged into a device.

Filter based off tags.

Add, edit, delete tags via Actions menu



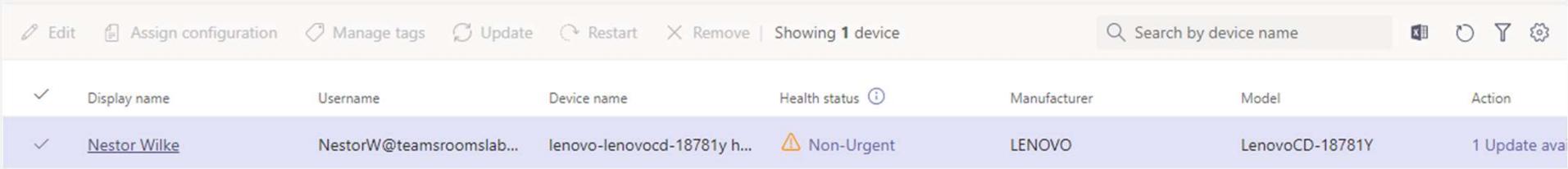
Manage individual devices

Review installed **software versions**

View device **details**

See and **troubleshoot** call history

Review **maintenance** history



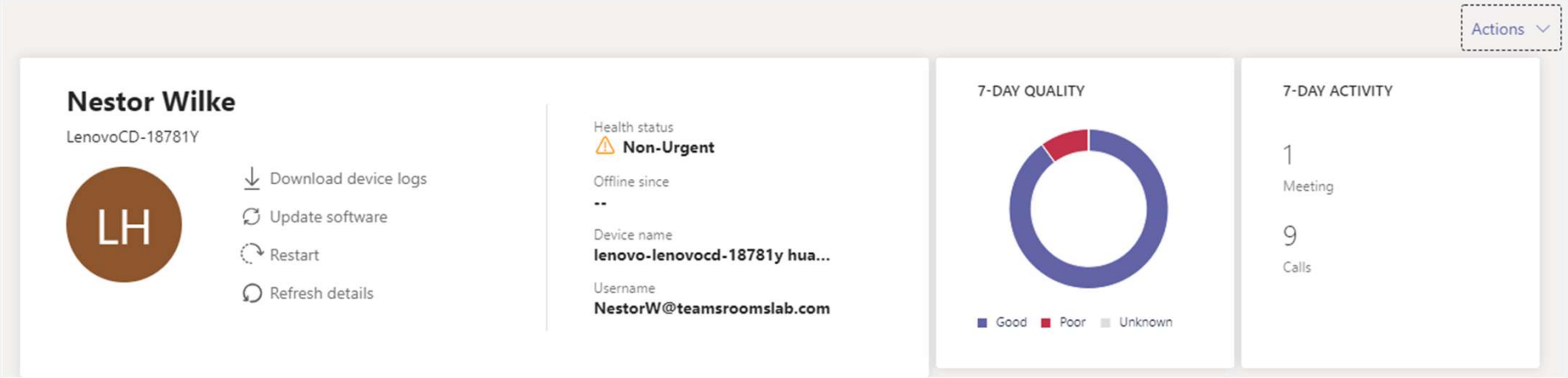
Manage individual device

Call history overview

See device details

Add tags

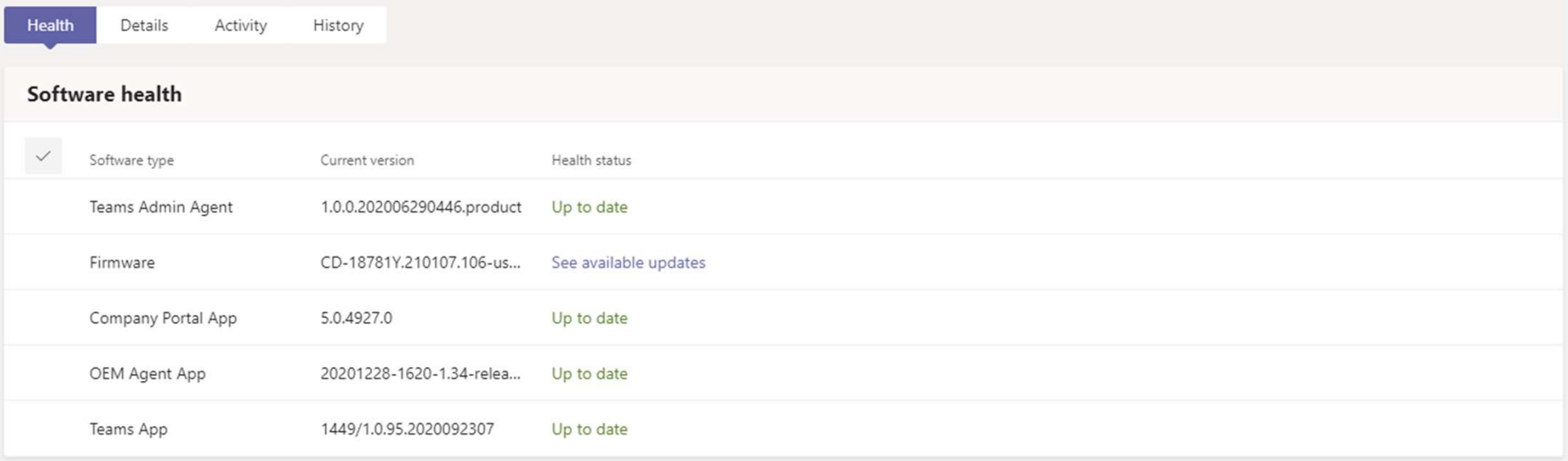
Remove device



Manage individual device

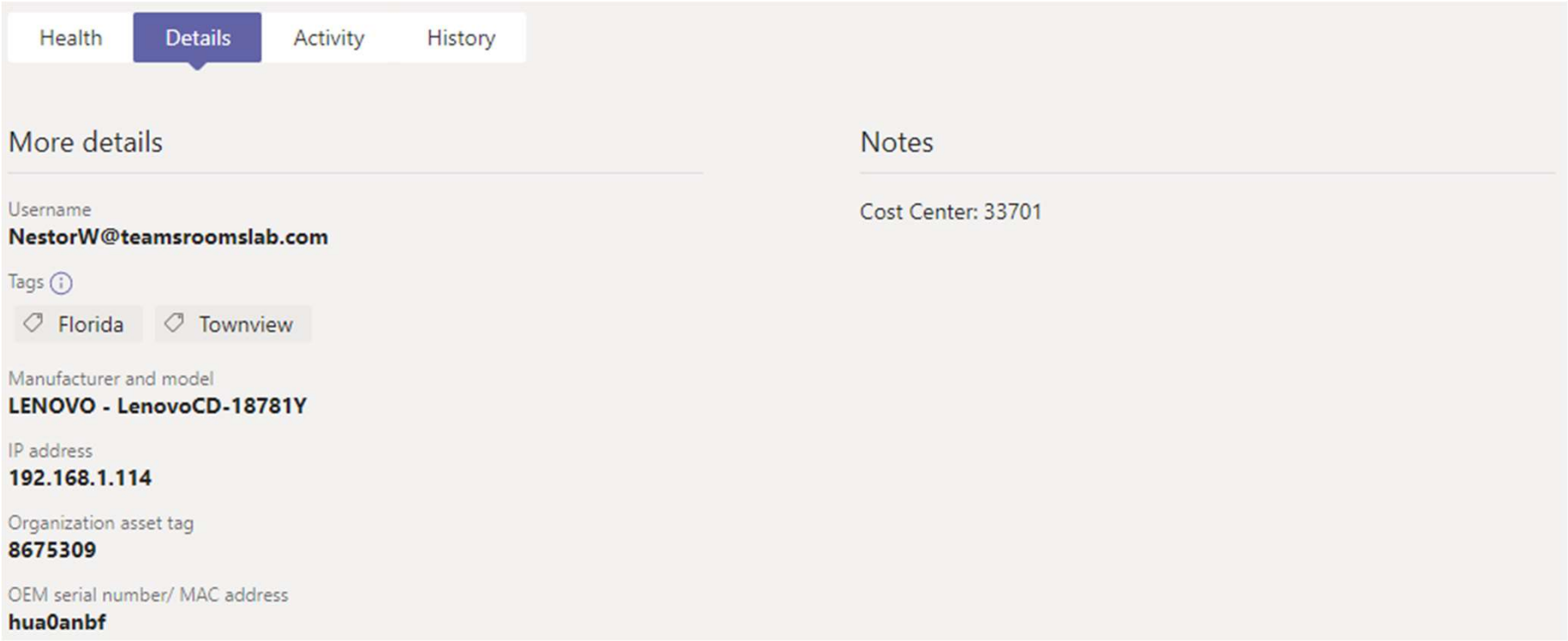
Review software versions

Install updates, if necessary



Manage individual device

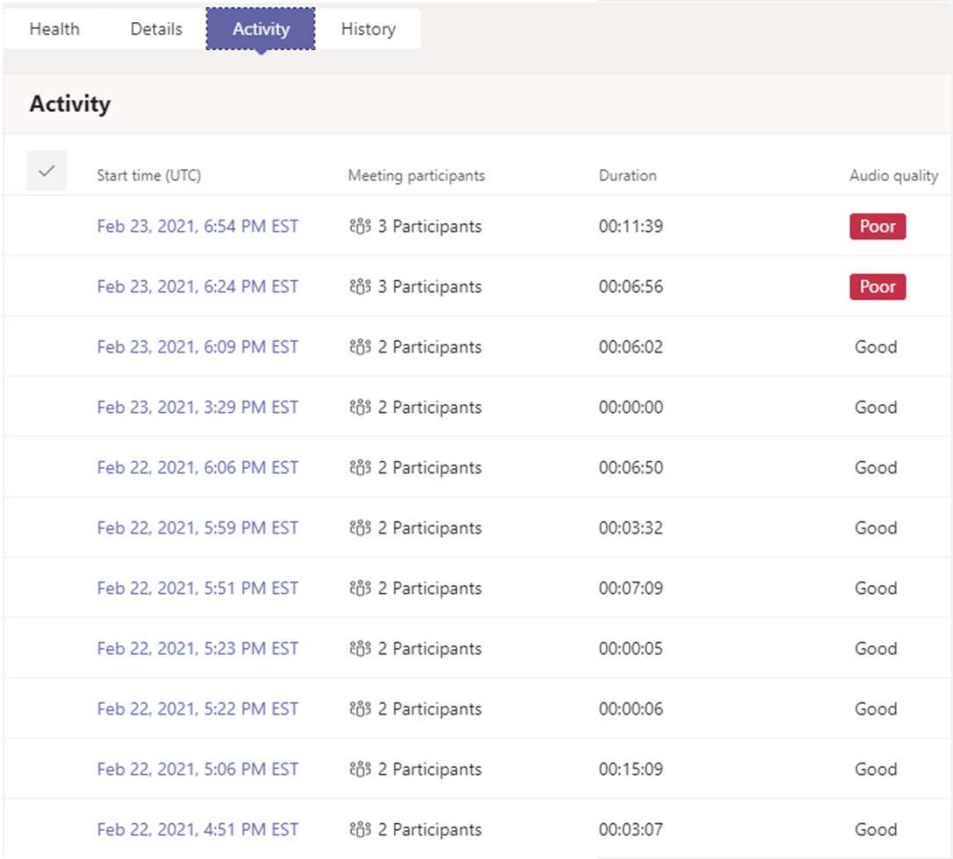
See and view details of device, such as assigned tags



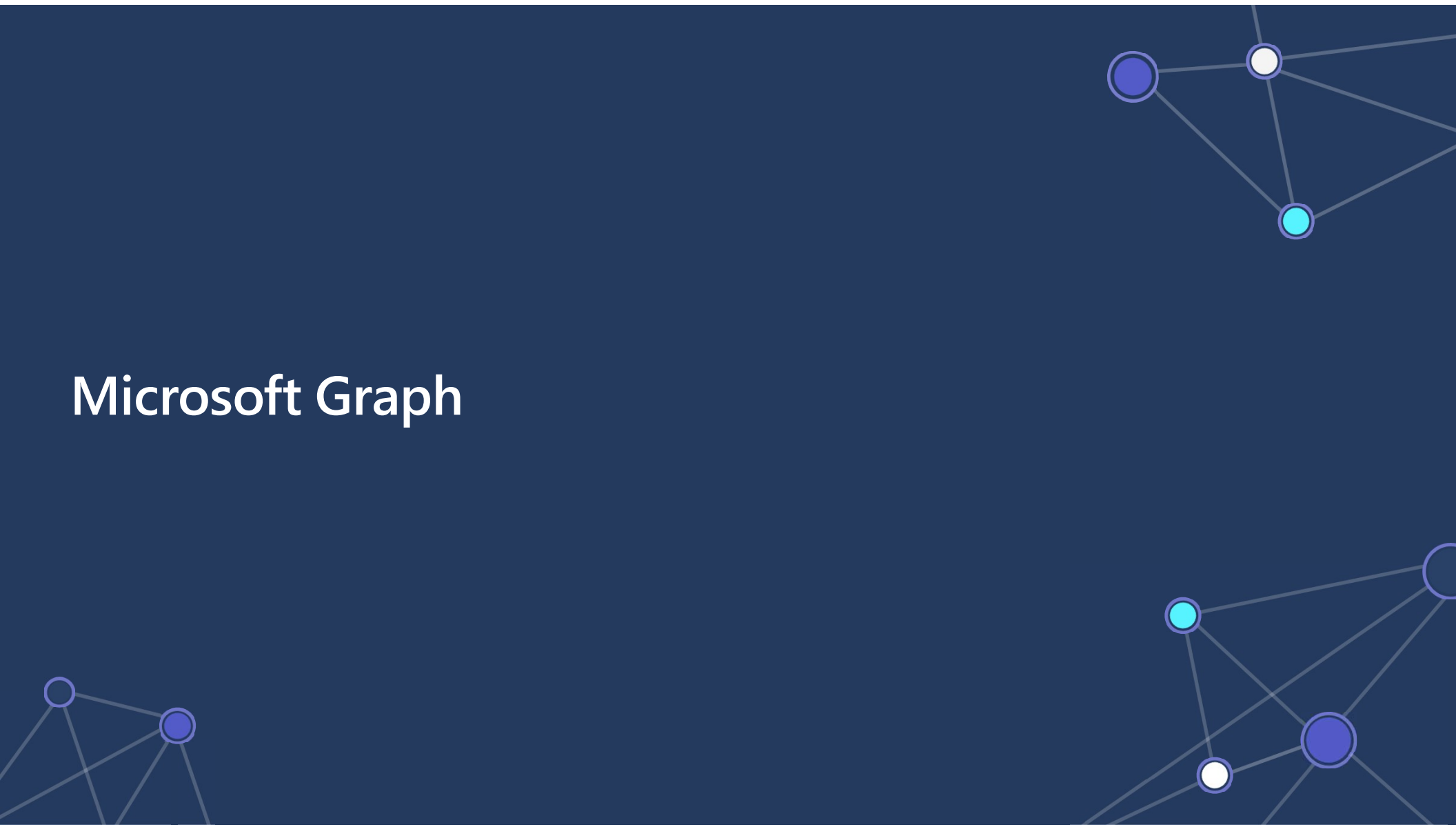
Manage individual device

See all calls on device

Click on call to see details



Microsoft Graph



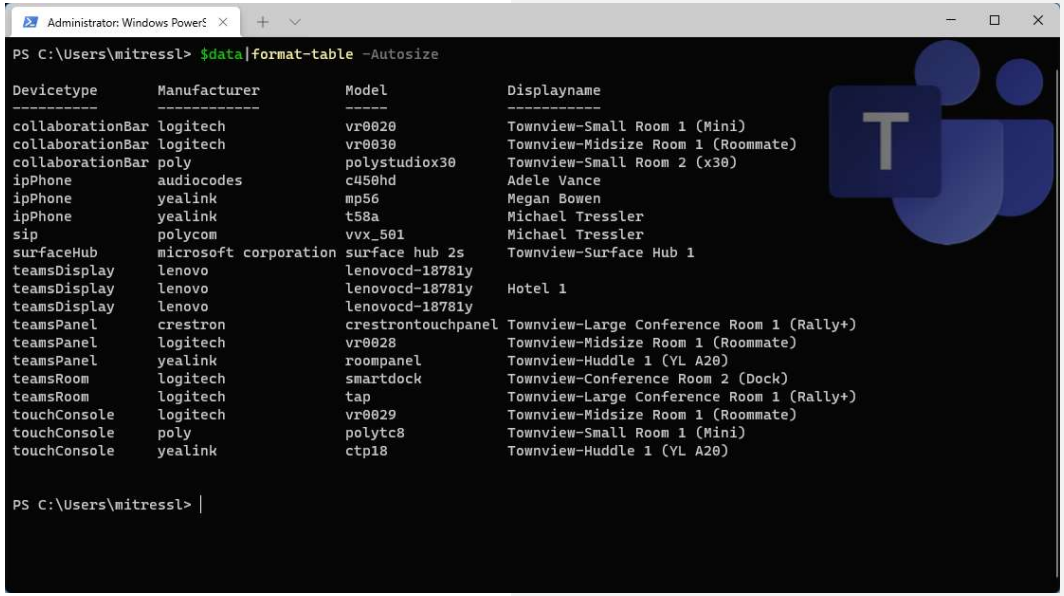
Microsoft Graph

Microsoft Graph provides a unified programmability model that you can use to access the tremendous amount of data in Microsoft 365, Windows 10, and Enterprise Mobility + Security

Can be accessed using HTTP, C#, JavaScript, Objective-C, Java, Go, PowerShell….

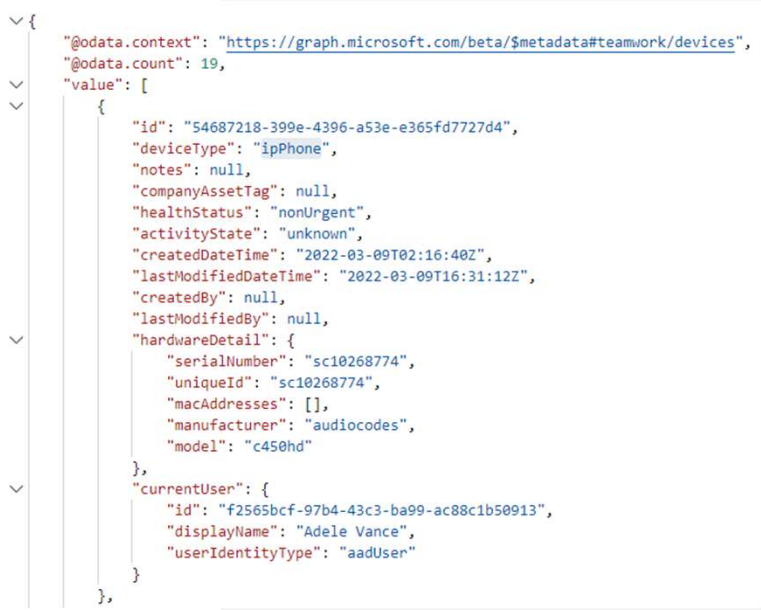
Programmatic access to Teams admin center

Currently in beta.



Graph Methods

Method	Description
List	Get a list of all Microsoft Teams-enabled devices provisioned for a tenant.
Get	Get the properties of a Microsoft Teams-enabled device.
Restart	Restart the specified Microsoft Teams-enabled device.
Run Diagnostics	Run and generate diagnostic logs for the specified Microsoft Teams-enabled device.
Update Software	Update the software for a Microsoft Teams-enabled device.
List Operations	Get a list of operations that are running on a Teams-enabled device.



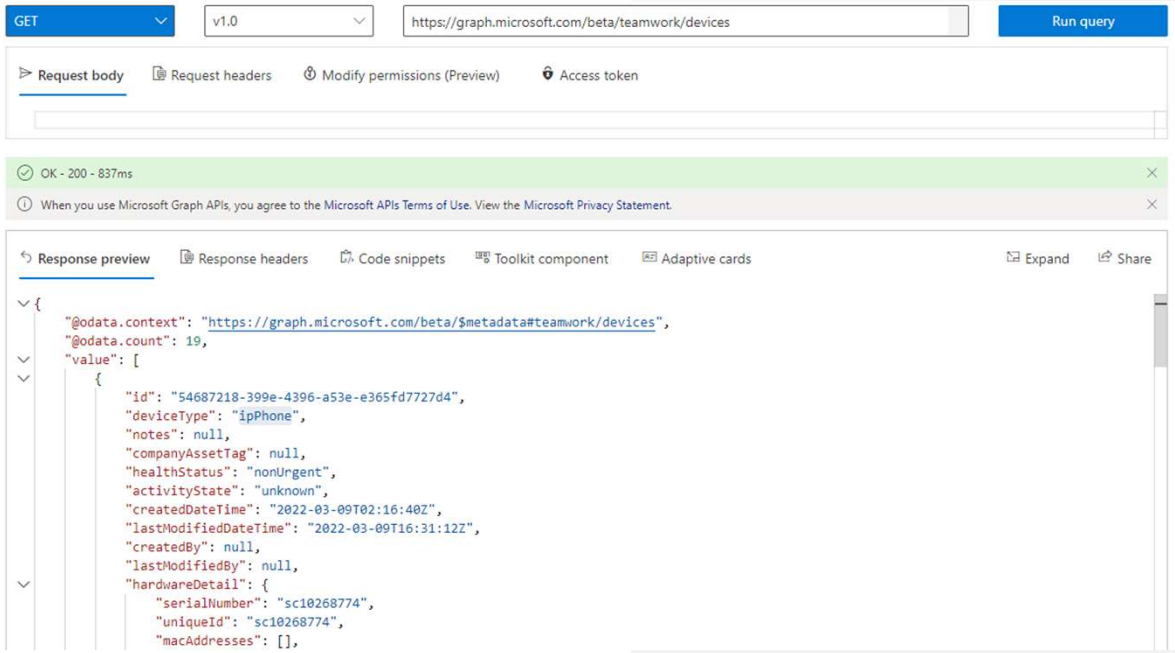
Graph Explorer

Use Graph Explorer to test queries.

Easy way to test Graph

Need to make sure you have proper credentials:

TeamworkDevice.Read.All
TeamworkDevice.ReadWrite.All



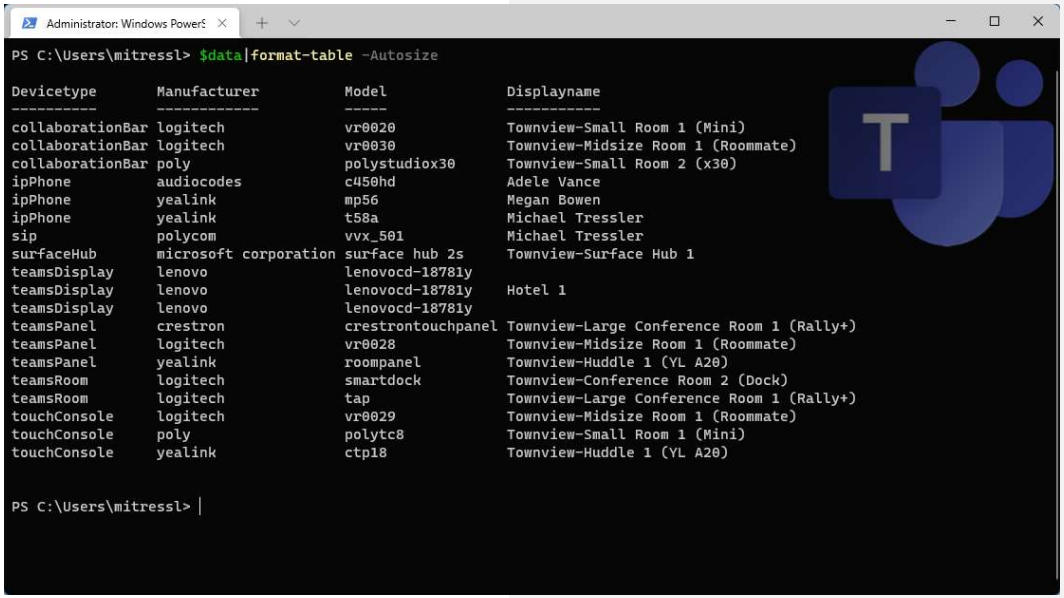
Connect to Graph via PowerShell

Install the [Microsoft Graph PowerShell Module]

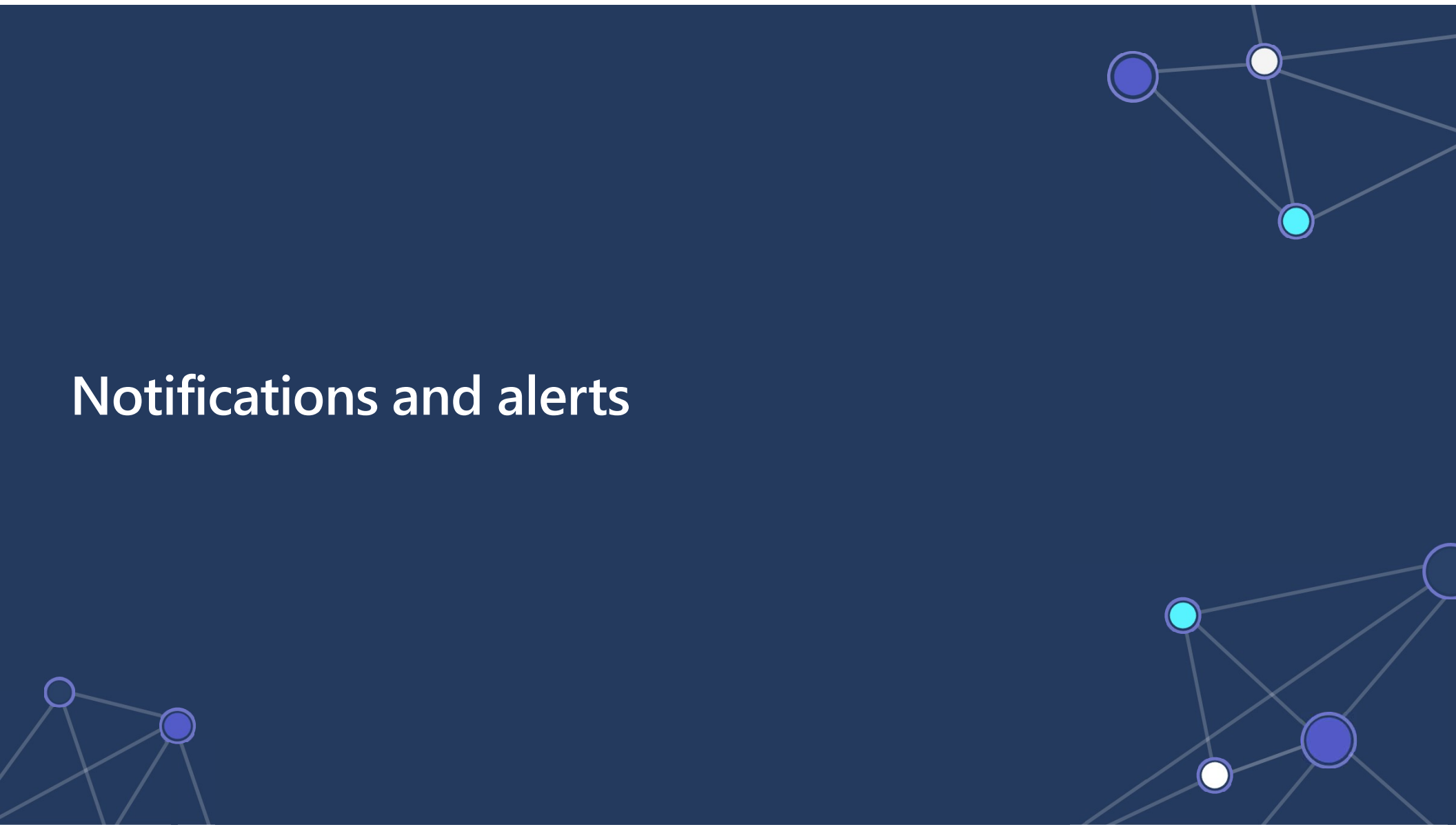
```
C:\> Connect-MgGraph -Scopes 'TeamworkDevice.Read.All'
Welcome To Microsoft Graph!
C:\> Select-MgProfile -Name 'beta'
C:\> Get-MgTeamworkDevice

Id                                   ActivityState CompanyAssetTag CreatedDateTime       DeviceType       HealthStatus
--                                   ------------- -------------- ---------------       ----------       ------------
54687218-399e-4396-a53e-e365fd7727d4 unknown                      3/9/2022 2:16:40 AM   ipPhone          nonUrgent
e57c0d43-697e-48c0-ac59-a9ca411d8a73 unknown                      3/7/2022 4:37:36 PM   collaborationBar healthy
a566902e-f5c0-4345-96db-adfe90e46274 unknown                      2/28/2022 2:04:54 PM  collaborationBar nonUrgent
```

Connect to Graph via PowerShell

```
$Devices = Get-MgTeamworkDevice | sort-object
@{Expression={$_.DeviceType,$_.hardwaredetail.Manufacturer,$_.hardwaredetail.Model};Ascending=$True}

$data =@()

foreach ($Device in $Devices)
{
          $row = "" | Select-Object Devicetype,Manufacturer,Model,Displayname
          $row.deviceType = $Device.devicetype
          $row.Manufacturer = $Device.hardwaredetail.manufacturer
          $row.Model = $Device.hardwaredetail.model
          $row.Displayname = $Device.currentuser.displayname
          $data+=$row
}
$data|format-table -Autosize
```



Notifications and alerts



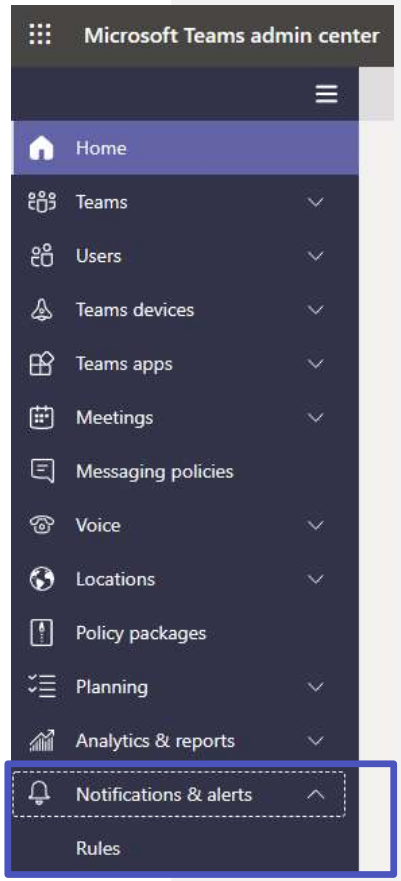
Notifications and alerts

Triggers a notification when a device goes offline

Covers all supported device types in Teams admin center

Define important devices

Notified via Teams message or via webhook



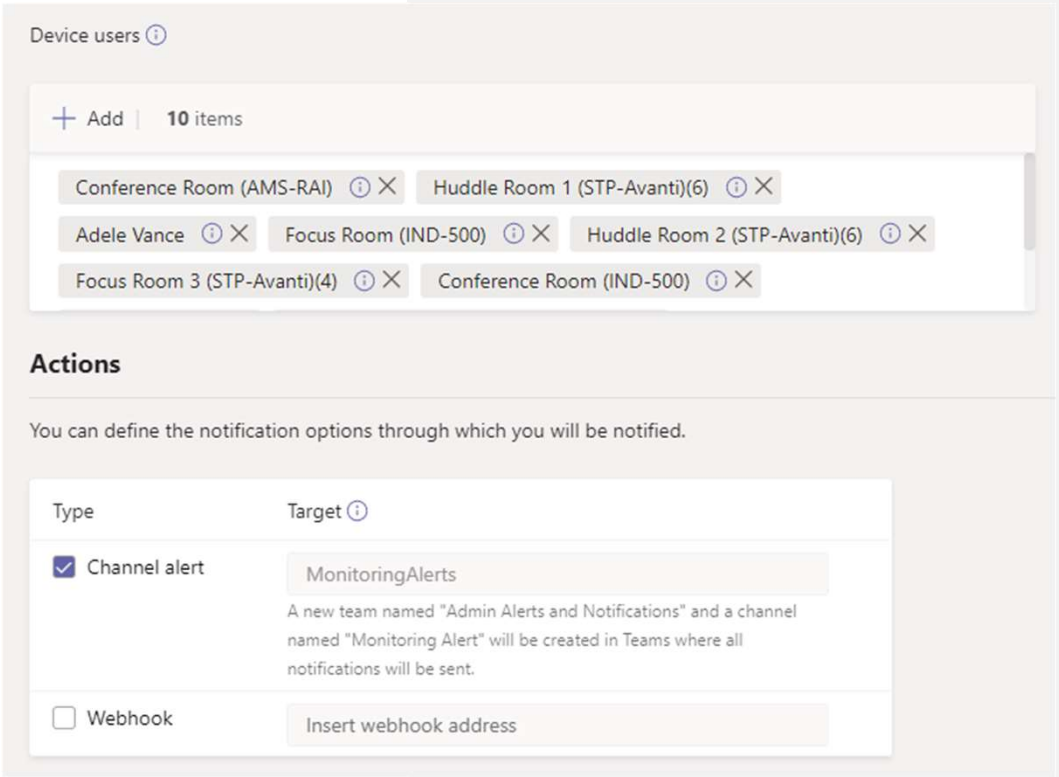
Notifications and alerts

Notifications are sent for defined device users

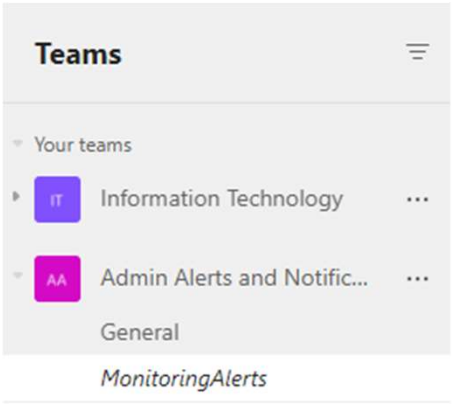
Focus on VIP users and important spaces

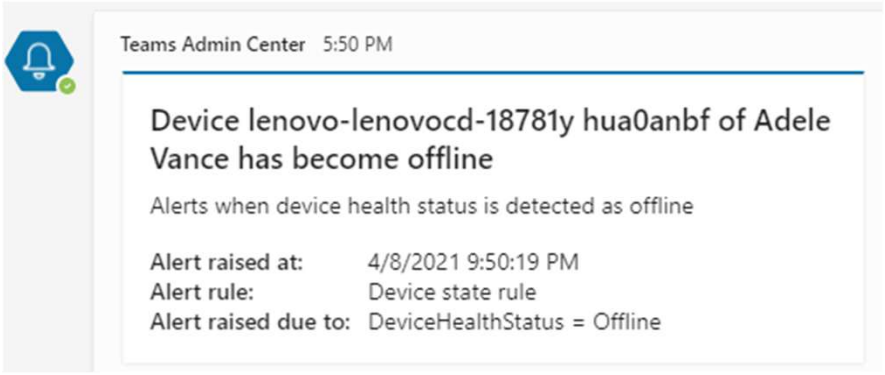
New Team and channel defined for alerts

Webhook sends a JSON payload



Notifications and alerts






```
{
"AlertTitle":"sample_device_name of
User_Name has become offline",
"DeviceLoggedInUserId": User_GUID ,
"DeviceId": Device_GUID ,
"MetricValues":
        {
        DeviceHealthStatus": "offline"
        },

"RuleName": "Device state rule" ,
"RuleDescription": ":"Alerts when device
health status is detected as offline" ,
"RuleFrequency": "Real-time" ,
"RuleType": "Device Management" ,
"TenantId": Tenant_GUID ,
"RuleCondition": "DeviceHealthStatus =
Offline" ,
"AlertRaisedAt": "2021-04-28T12:49:06Z"
}
```

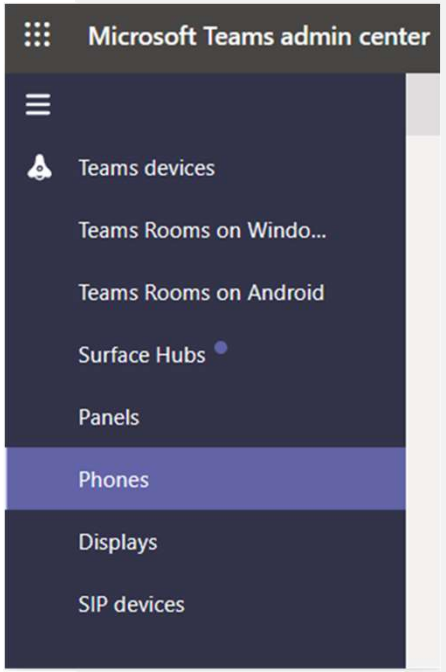
Updating Teams devices

Teams admin center or vendor utilities

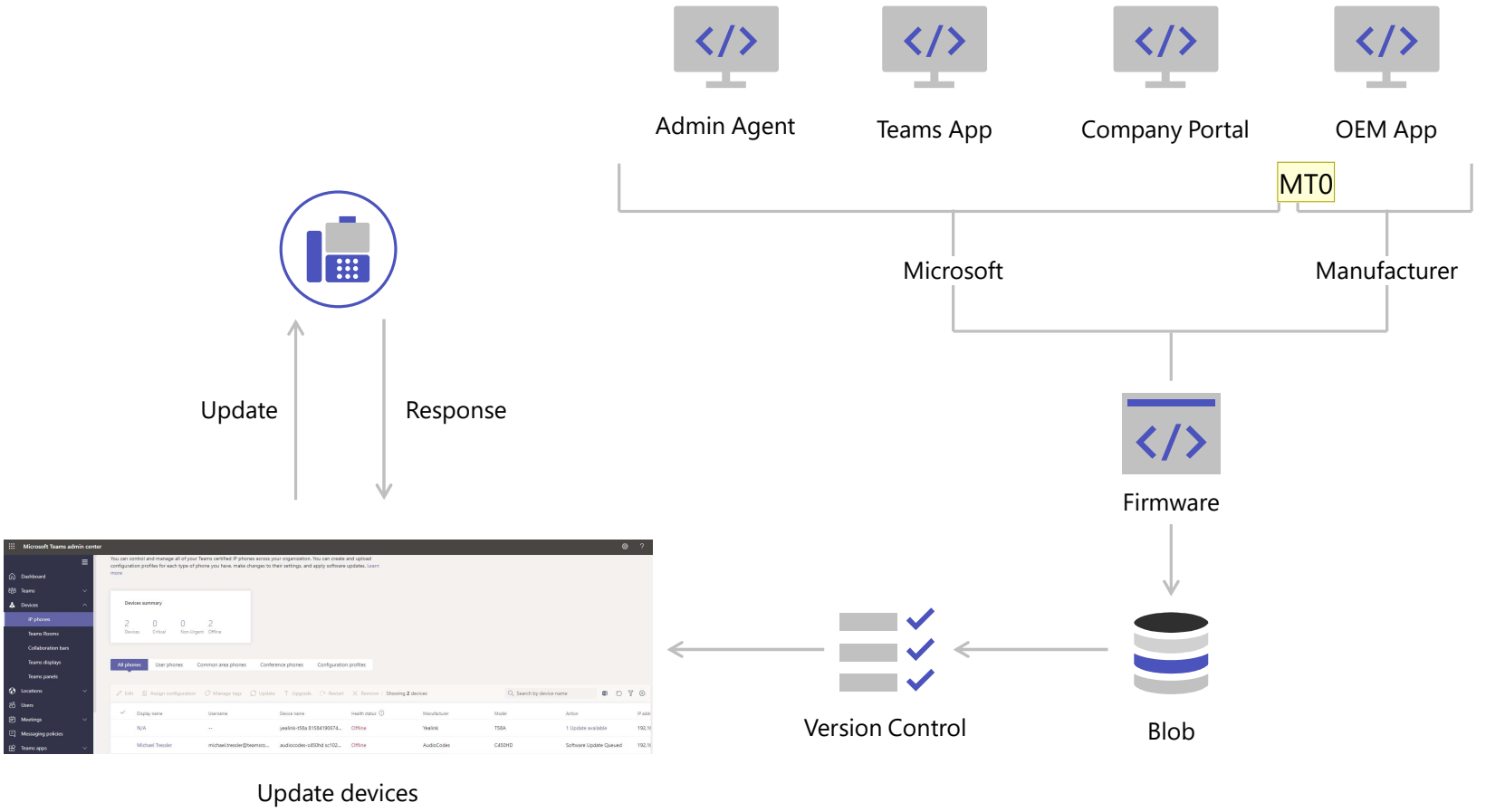
Updating via Teams admin center provides a **Microsoft certified** firmware image.

Teams admin center is OEM **agnostic**

OEM-specific tools can be used to push special firmware such as ones with a specific fix. These **may not** be Microsoft certified firmware



Firmware updates

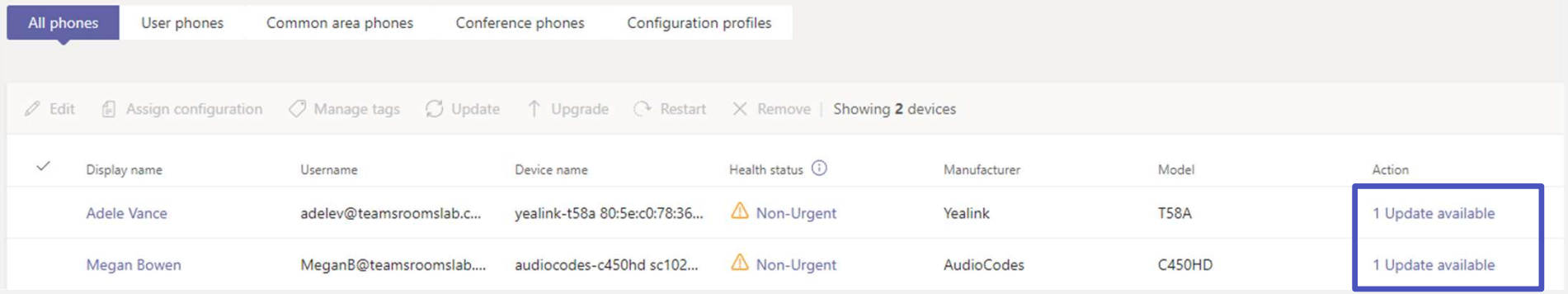


Slide 28

MT0 [@Tony Woodruff] Should we also include Android OS with OEM?
Michael Tressler, 2021-04-29T13:30:31.641

Updating

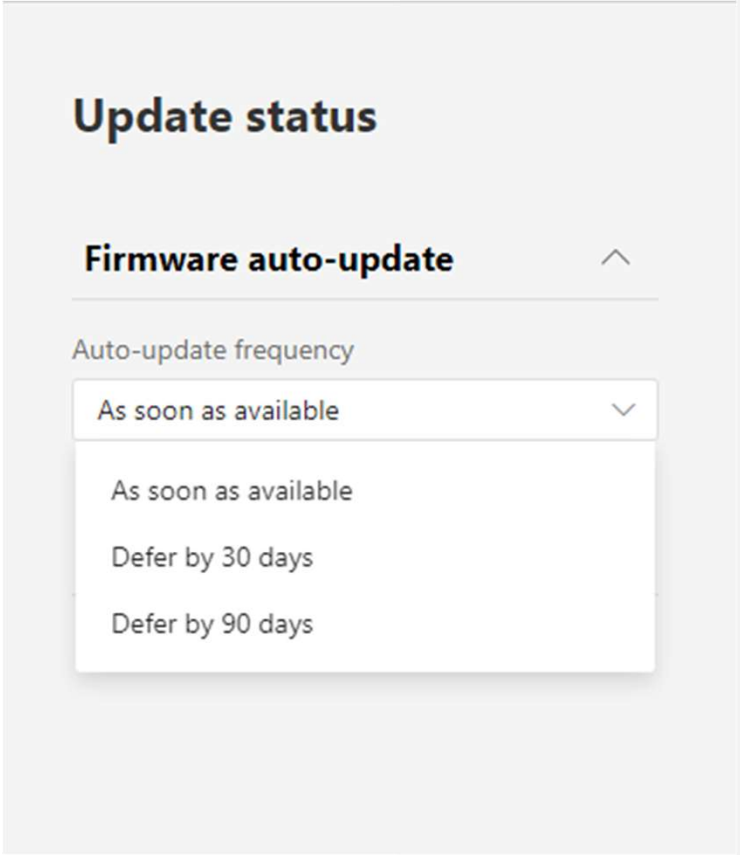
Teams admin center shows which devices need a firmware update



Updating

Updates can be **automatic** or **manual**

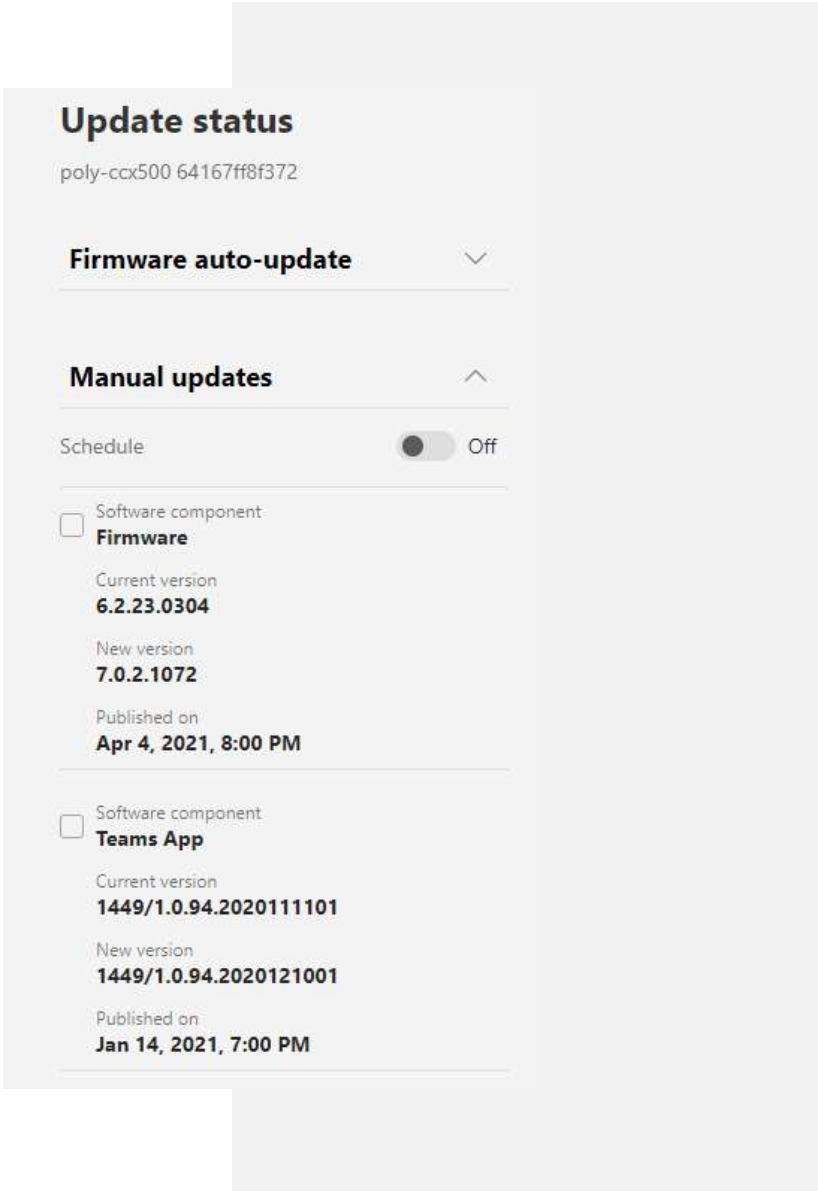
Automatic updates can be **deferred** before being applied



Updating

Manual updates can be **immediate** or **scheduled**

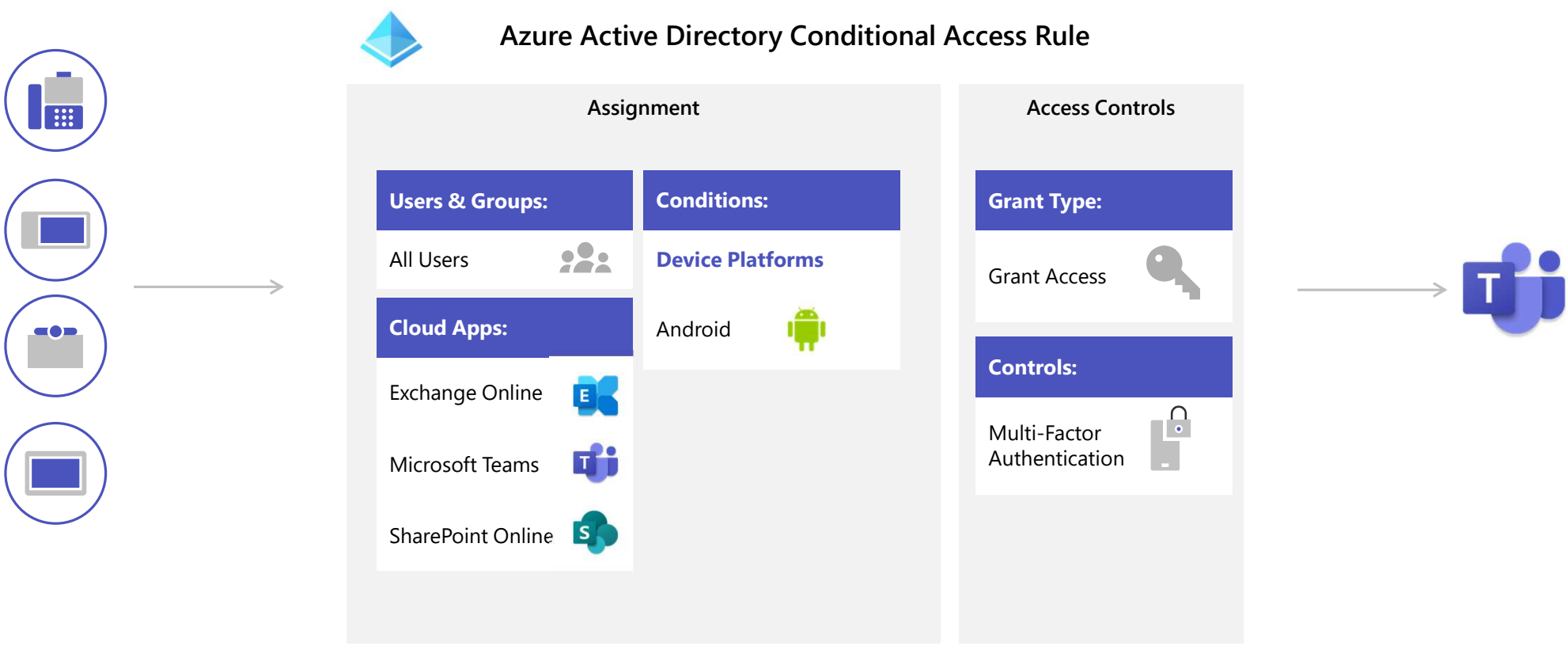
Devices can update Teams app **independently** of firmware



Conditional access config examples

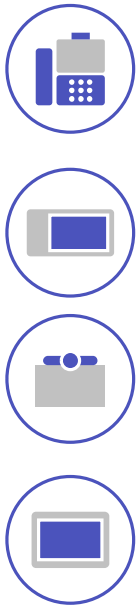
User sign-in conditional access

Multi-factor authentication



User sign-in conditional access

Intune compliance



Azure Active Directory Conditional Access Rule

Assignment

Users & Groups:

All Users

Cloud Apps:

Exchange Online

Microsoft Teams

SharePoint Online

Conditions:

Device Platforms

Android

Device Scoping Filters

Team Android Device Models

Access Controls

Grant Type:

Grant Access

Controls:

Require Device to be marked as Compliant

Intune

Compliance Policy

Compliance settings

Rooted Devices: Block
Block Minimum OS: 8.0

Actions for non-compliance

Mark device noncompliant: Immediately

Assignments

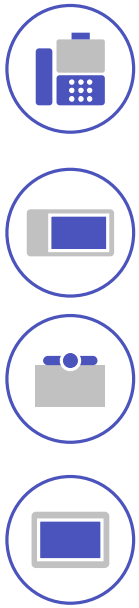
All Users

Device Scoping Filters

Teams Android Device Models

User sign-in conditional access

Intune compliance + Trusted location



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Locations

All trusted locations

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