[This Photo](http://commons.wikimedia.org/wiki/File:Brookfield_Asset_Management_logo.svg) by Unknown Author is licensed under [CC BY-SA](https://creativecommons.org/licenses/by-sa/3.0/)



08/20/2024

SCCM Dashboard-POWER BI

SArah Mohammad ABdul Rasheed

Student, Data Analytics & Integration

BSG IT, Business Services Group

Brookfield Renewable

# Dashboard pages

1.All Intune devices registered in Azure Cloud.

2.All managed and detected apps installed on those devices.

3. Windows Patching on the devices along with the edition, revision and known issues.

# Data Sources**:**

# **1.Graph API Calls**

STEP 1:

A screenshot of a computer

Description automatically generated

STEP 2: Step 1: For Graph Api Calls: Go To New Source->Blank Query->Advanced Editor

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

STEP 3:

a) For Devices: <https://graph.microsoft.com/beta/user>

[License assignment, Onpremise Extension attribute-represents Business Group]

b) Managers: <https://graph.microsoft.com/beta/users?$select=id,manager>

Managers Display Name and Email are added as columns through Lookup Value

A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated

b) For Managed Devices: https://graph.microsoft.com/v1.0/deviceManagement/managedDevices

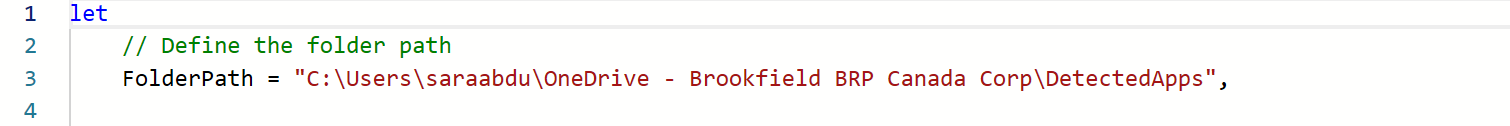
d)For Mobile (Managed)Apps: https://graph.microsoft.com/v1.0/deviceAppManagement/mobileApps, <https://graph.microsoft.com/v1.0/deviceAppManagement/managedAppRegistrations>

e) For Detected Apps: Through power Automate:detected\_apps\_flow:

A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated

Define folder path where report is downloaded 

STEP 4: A screenshot of a computer

Description automatically generated

f) For Windows Feature Updates(Patch Tuesday): <https://graph.microsoft.com/beta/admin/windows/updates/products>

# **2. From intune Data Warehouse**

**OData Feed for Intune Reporting:** https://fef.msua05.manage.microsoft.com/ReportingService/DataWarehouseFEService?api-version=v1.0

# Dashboard pages

**DEVICES**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**Mobile Apps/Managed Apps**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**Detected Apps**

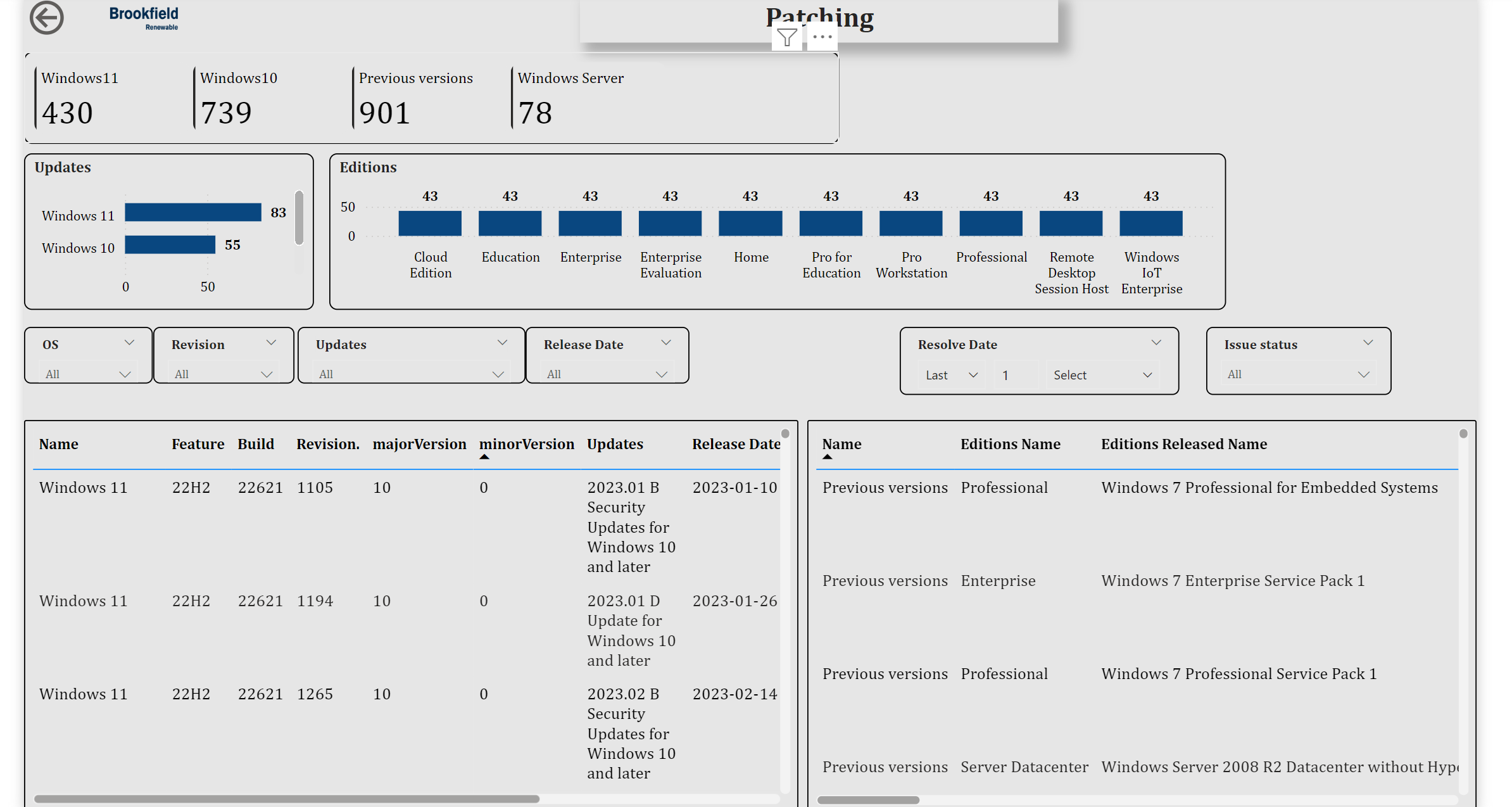
**A screenshot of a computer

Description automatically generated**

**Licenses and Service PlansA screenshot of a computer

Description automatically generated**

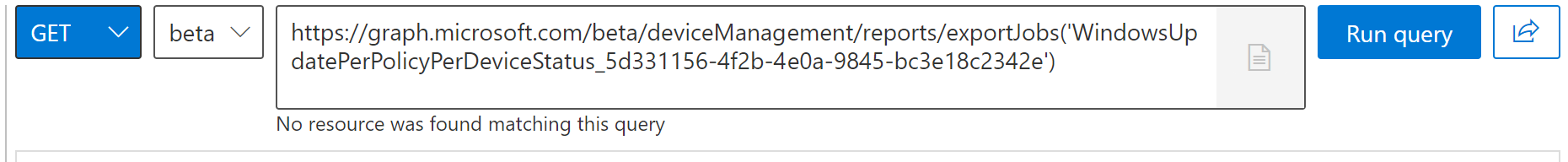
**Patching:**

****

*Issues* :Patching Report Not connected with the devices

*Solution*: A screenshot of a computer

Description automatically generated



Resources:

[Anatomy of a Microsoft Graph connector](https://devblogs.microsoft.com/microsoft365dev/anatomy-of-a-microsoft-graph-connector/)

[Intune Graph API - Reports and properties | Microsoft Learn](https://learn.microsoft.com/en-us/mem/intune/fundamentals/reports-export-graph-available-reports)

[Update release cycle for Windows clients | Microsoft Learn](https://learn.microsoft.com/en-us/windows/deployment/update/release-cycle#monthly-security-update-release)

[adminWindowsUpdates resource type - Microsoft Graph beta | Microsoft Learn](https://learn.microsoft.com/en-us/graph/api/resources/adminwindowsupdates?view=graph-rest-beta&preserve-view=true)

[Get Microsoft Graph Activity Logs Using Azure Portal (m365scripts.com)](https://m365scripts.com/microsoft365/get-microsoft-graph-activity-logs-using-azure-portal/)

[Create an Azure automation runbook | smsagent.blog](https://docs.smsagent.blog/microsoft-endpoint-manager-reporting/automating-data-exports-from-microsoft-graph/azure-automation-account/create-an-azure-automation-runbook)

[Create custom Intune reports with Microsoft Graph, Azure Automation and Power BI (smsagent.blog)](https://smsagent.blog/2021/05/12/create-custom-intune-reports-with-microsoft-graph-azure-automation-and-power-bi/)

[The Model PowerBI Dashboard - Model Technology (model-technology.com)](https://model-technology.com/model-powerbi-dashboard/)