

MSRC Dashboard in PBI

Security – Analyze KBs MSRC

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1 MSRC Dashboard in PBI

This document will help the Security team to analyze the KBs, delivered monthly by Microsoft.

The [Microsoft Security Updates API | MSRC](#) is a RESTful API that we can use to engage the Microsoft Security Response Center (MSRC) in the following ways:

- Get security update summaries and details using the Common Vulnerability Reporting Framework (CVRF).
- Report suspected cyberattacks or abuse originating from Microsoft Online Services.
- Notify Microsoft of any planned penetration tests against your Azure assets.

The purpose of this documentation is to show you how to get the CVRF summary and combine that information with the WSUS database, providing a PowerBI dashboard with insightful information about KB availability by period, KB replacement, and more.

The dashboard generate will have the following information:

- Microsoft Common Vulnerabilities and Exposures (CVE).
- Product involved with CVEs.
- KBs associate with CVEs.
- Superseded KBs.
- Supersedes KBs.
- WSUS KBs analyses.
- Combination of data coming from MSRC and WSUS database.

2 Solution Architecture

As mentioned before this Dashboard will combine info from MSRC API and from WSUS database. Therefore, in order to make this solution to work the following steps are necessary:

- Download a JSON file that contain CVE info.
- WSUS server available to connect.
- SUSDB in SQL database, WID database won't work.
- Read permission on SUSDB
- PowerBI Desktop installed.
- PBI template file that does the analysis.

2.1 Download a JSON file using PowerShell

To download a JSON file from MSRC API, we need a computer with Windows 10 operating system, with internet access. These are the steps to generate the JSON file.

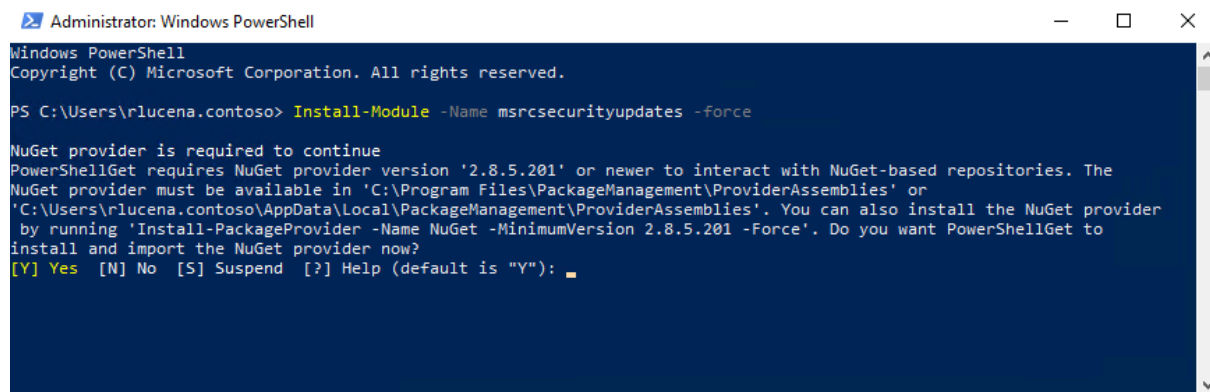
Reference: [GitHub - microsoft/MSRC-Microsoft-Security-Updates-API: Repo with getting started projects for the Microsoft Security Updates API \(portal.msrc.microsoft.com\)](https://github.com/microsoft/MSRC-Microsoft-Security-Updates-API)

Steps

1. Open a PowerShell prompt as administrator.
2. Run the command:

```
Install-Module -Name msrsecurityupdates -force
```

Type "Y" to confirm



```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\rucena.contoso> Install-Module -Name msrsecurityupdates -force

NuGet provider is required to continue
PowerShellGet requires NuGet provider version '2.8.5.201' or newer to interact with NuGet-based repositories. The
NuGet provider must be available in 'C:\Program Files\PackageManagement\ProviderAssemblies' or
'C:\Users\rucena.contoso\AppData\Local\PackageManagement\ProviderAssemblies'. You can also install the NuGet provider
by running 'Install-PackageProvider -Name NuGet -MinimumVersion 2.8.5.201 -Force'. Do you want PowerShellGet to
install and import the NuGet provider now?
[Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): 
```

3. Run the commands:

```
Import-Module -Name msrsecurityupdates -force
```

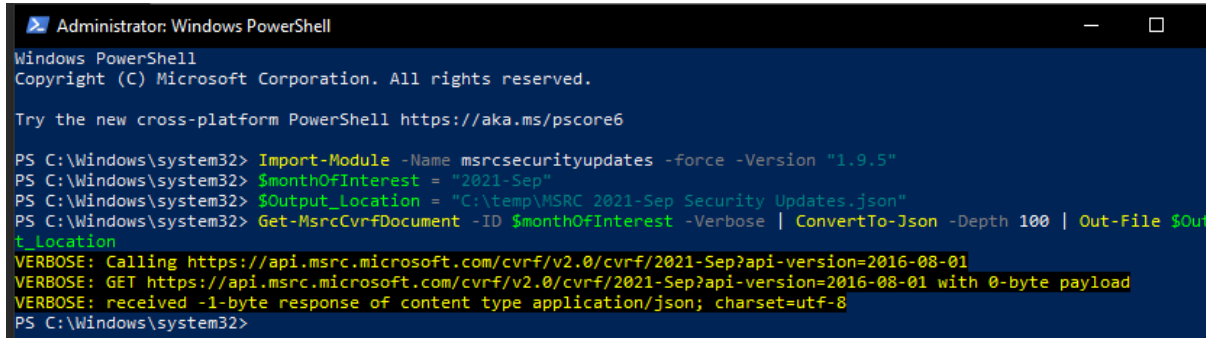
```
$monthOfInterest = "2021-Sep"
#Replace "2021-Sep" by year-month you'd like to get information
```

```
$Output_Location = "C:\temp\MSRC 2021-Sep Security Updates.json"
```

Steps

#Inform a path where MSRC.json file will be created

```
Get-MsrcCvrfDocument -ID $MonthOfInterest -Verbose | ConvertTo-Json -Depth 100 | Out-File $Output_Location
```



```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Windows\system32> Import-Module -Name msrsecurityupdates -force -Version "1.9.5"
PS C:\Windows\system32> $MonthOfInterest = "2021-Sep"
PS C:\Windows\system32> $Output_Location = "C:\temp\MSRC 2021-Sep Security Updates.json"
PS C:\Windows\system32> Get-MsrcCvrfDocument -ID $MonthOfInterest -Verbose | ConvertTo-Json -Depth 100 | Out-File $Output_Location
VERBOSE: Calling https://api.msrm.microsoft.com/cvrf/v2.0/cvrf/2021-Sep?api-version=2016-08-01
VERBOSE: GET https://api.msrm.microsoft.com/cvrf/v2.0/cvrf/2021-Sep?api-version=2016-08-01 with 0-byte payload
VERBOSE: received -1-byte response of content type application/json; charset=utf-8
PS C:\Windows\system32>
```

2.2 WSUS Server and SUSDB Updated

It is expected from you to have a WSUS Server available, that way PBI dashboard will get data from SUSDB and this database should also be kept up to date.

IMPORTANT: It is not part of this document WSUS implementation steps.

2.3 PowerBI Desktop installation

Download the version of Power BI Desktop that matches the architecture (x86 or x64) of your Windows OS. Run the MSI installer and follow the setup steps.

<https://www.microsoft.com/en-us/download/details.aspx?id=45331>

2.4 PowerBI Dashboard

Once you have all requirements configured, open the PBI template file, but before you start using it is important that you understand how this PBI works.

Basically, this PowerBI dashboard will consume all JSON file available under a determined paths and will get some tables in SUSDB and execute some queries in SUSDB.

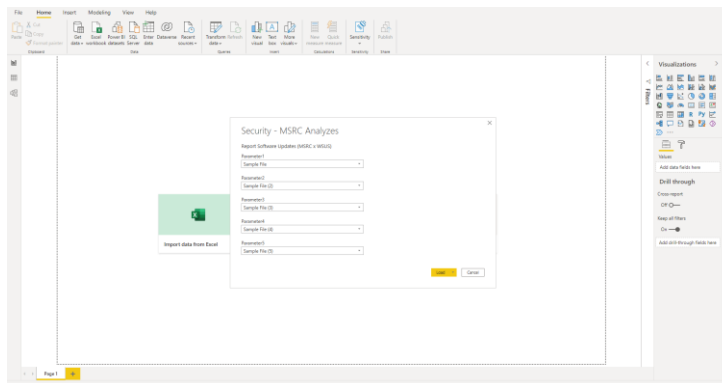
These JSON files are the results from the previously executed PowerShell cmdlets to create/extract them from MSRC API website. Now we will configure PBI dashboard to get

information from JSON file stored in a previous path, and we must configure the SUSDB connection.

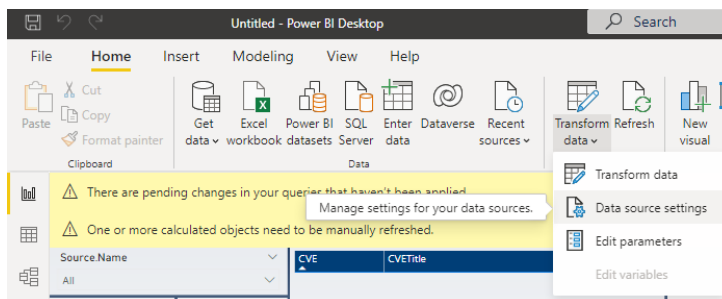
Steps

Illustrative image

1. Download the file "Security - MSRC Analyze.pbix", from GitHub
2. **Open** the "Security - MSRC Analyze.pbix", when the PBI ask for parameters click on **Load > Edit**.



3. Click on **Transform data > Data source settings**



4. Change the sources, as needed.
 - a. Folder where you have created the JSON files
 - b. WSUS server name and database name

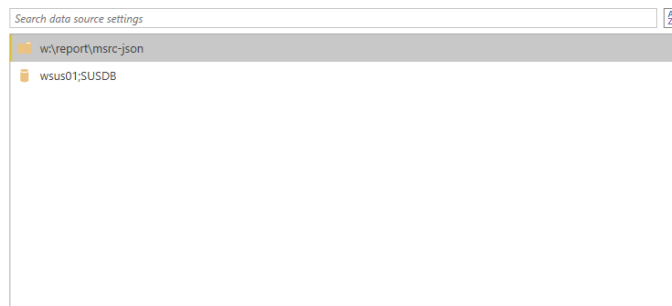
IMPORTANT: in this sample W:\Report\MSRC-json is the folder where you have created the JSON files, these have to be different file paths.

And the WSUS01;SUSDB is the source where the WSUS Server and the database are.

Data source settings

Manage settings for data sources that you have connected to using Power BI Desktop.

☒ Data sources in current file ☐ Global permissions



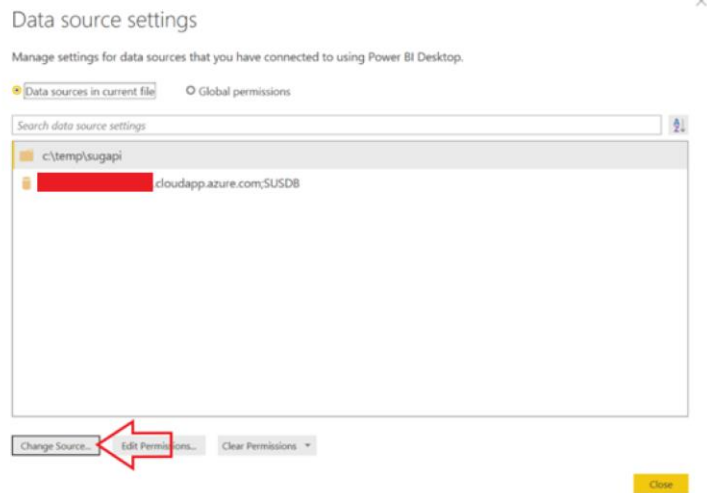
Change Source... Export PBIDS Edit Permissions... Clear Permissions...

Close

Steps

Illustrative image

- Assuming you have to change the source for JSON files as mentioned, select the old path and click on "Change Source".

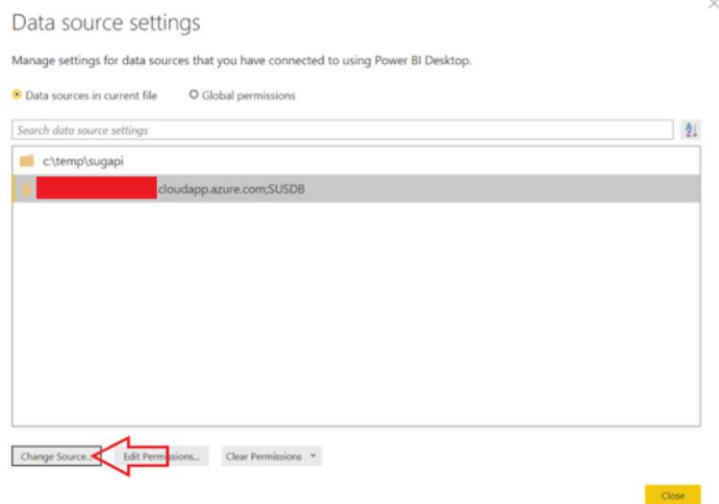


- Specify the correct folder and click "OK"

Remember: this is the folder where you generated the json files, when the PowerShell cmdlets was executed.



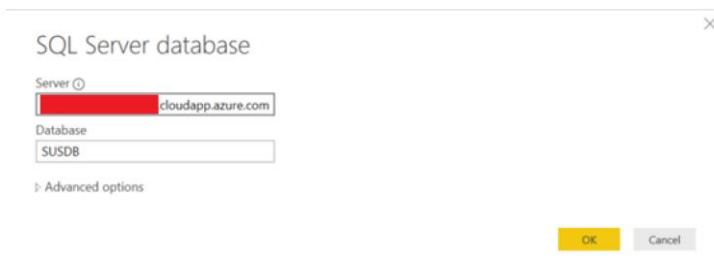
- To change the connection to SUSDB, select the current connection and click on "Change Source"



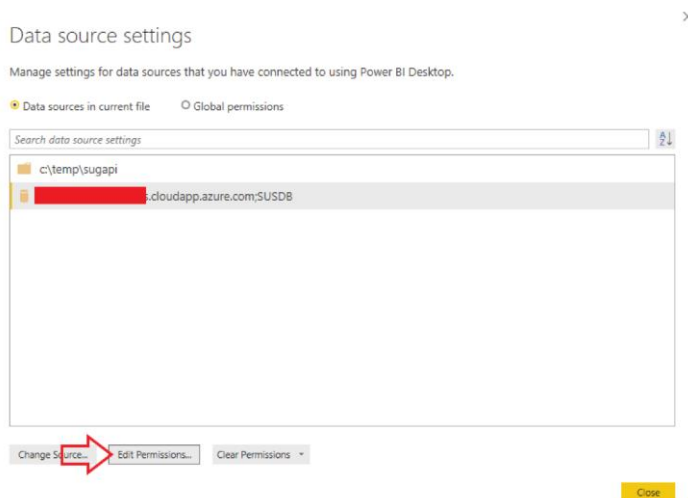
Steps

Illustrative image

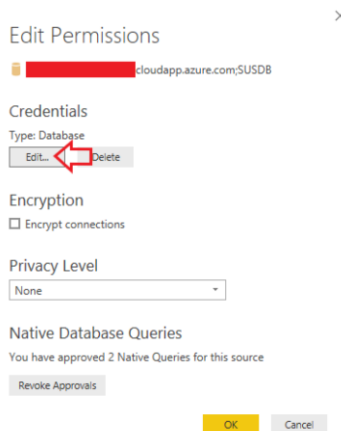
8. Specify the correct server name and database, and click "OK"



9. Click on "Edit Permissions"



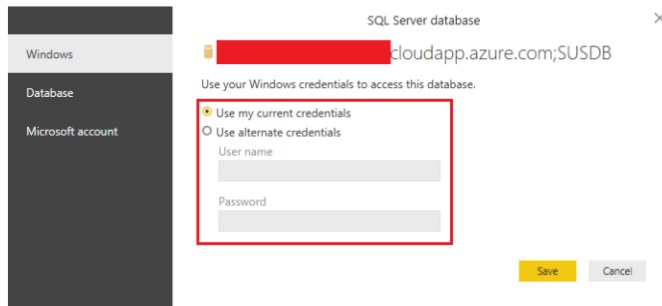
10. Click on Edit...



Steps

Illustrative image

11. Configure the credential to access the SUSDB, then click OK and Close to return to main page.



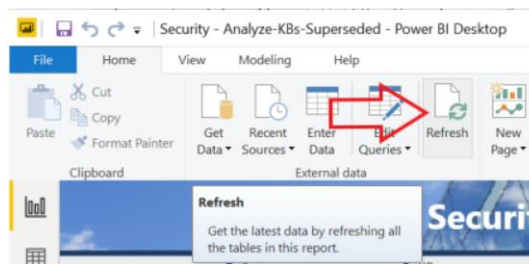
2.4.1 How to update data in PowerBI Dashboard

Once you have changed the Server connection and configured the source file properly, you have to update all data. Follow the instructions bellow to update the dashboard.

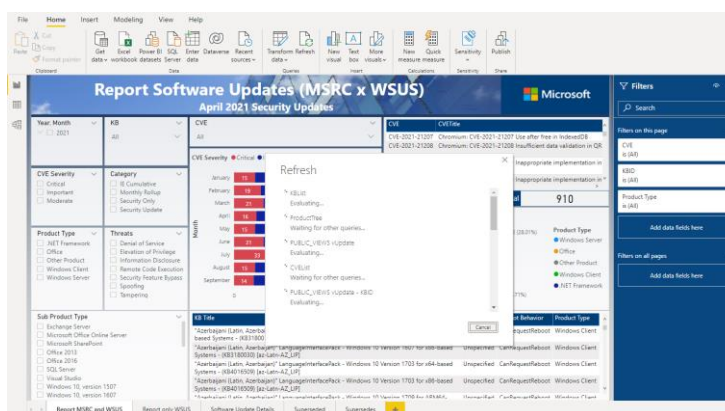
Steps

Illustrative image

1. On the main screen, click on "Refresh"



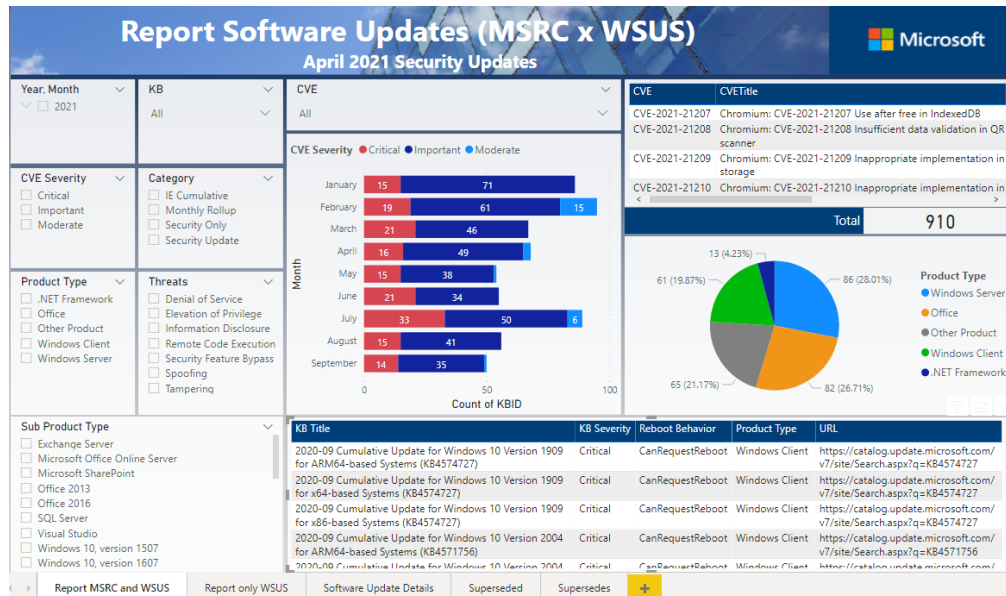
2. If everything is configured properly the dashboard will be updated.



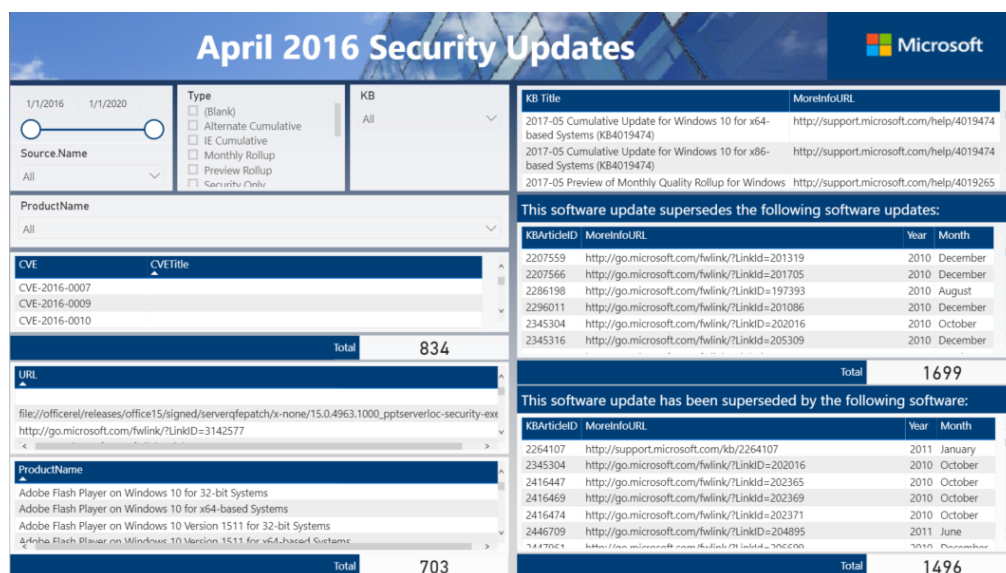
3 Understanding and explaining the results

Once we have the PowerBI Dashboard updated, it is easy to get info about CVE, KB, Superseded KB and so on.

There is a variety of options to filter information, thus you can filter by Period, Severity, Type of update, Type of Threats, also by KB number or Product.



Once you have applied those filters you will have the information about the URL to download the fix or the URL that explains the fix. Additionally, you will see both the newer and the older KB based on your filters under the tab "Software Update Details".

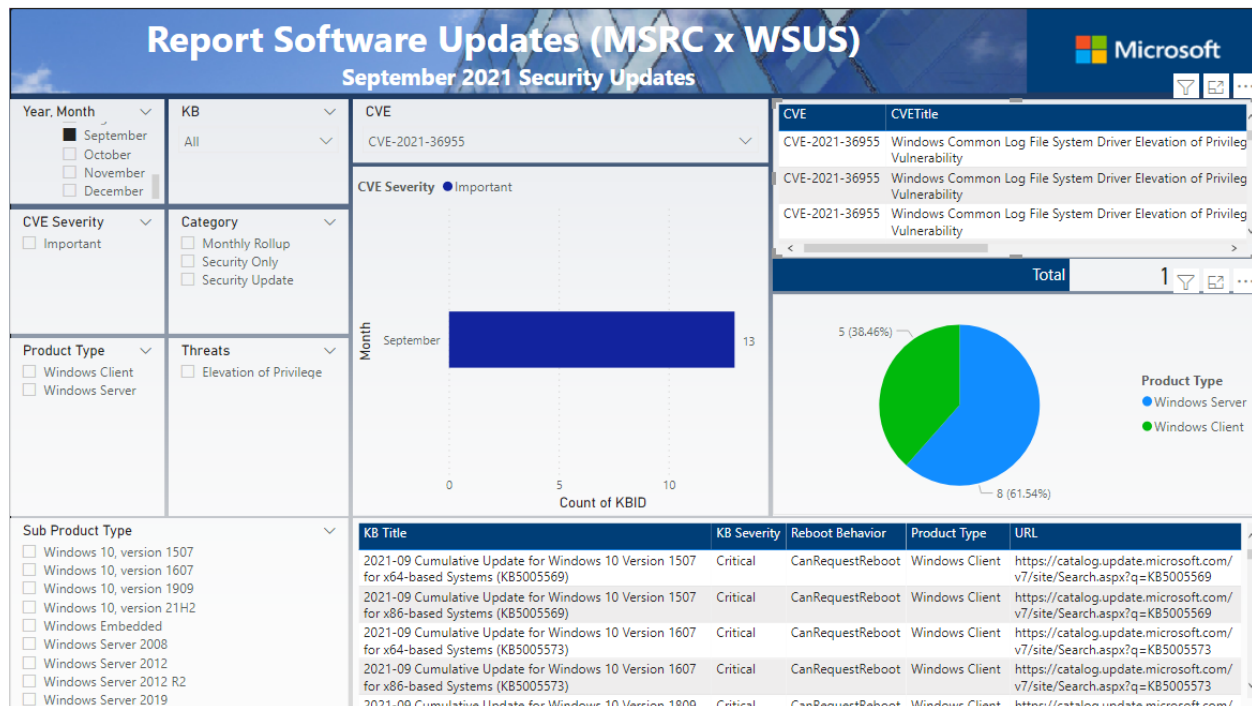


SAMPLE 001: Dashboard -> Report MSRC and WSUS

Source.Name: JSON file and WSUS Database.

Type: Security Update.

Filter: CVE-2021-36955

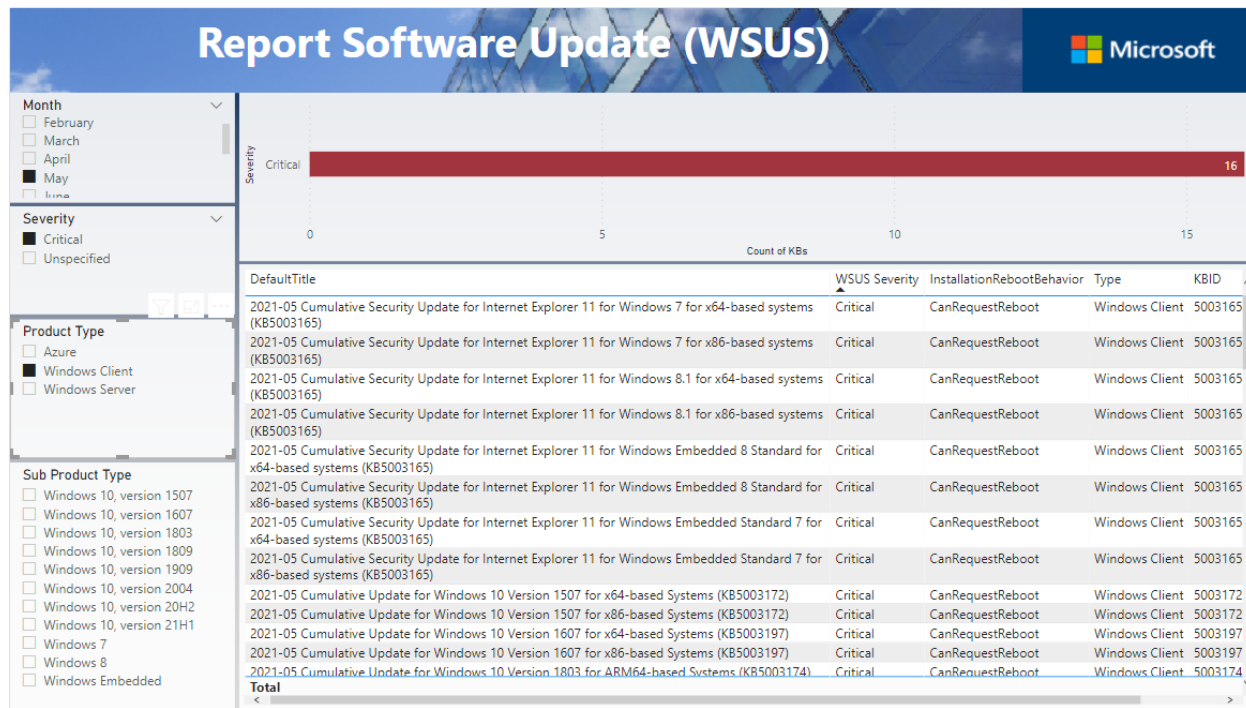


Applying those filters, you got the information about the CVE, this tab has a combination of information coming from MSRC and WSUS database. You can grab the KB names, URL to get more information about those KBs, type of Threats, Severity (CVE and KB itself).

SAMPLE 002: Dashboard -> Report only WSUS

Source: WSUS Database.

Filter 1: Month (May). Filter 2: Severity (Critical), Filter 3: Product Type (Windows Client)



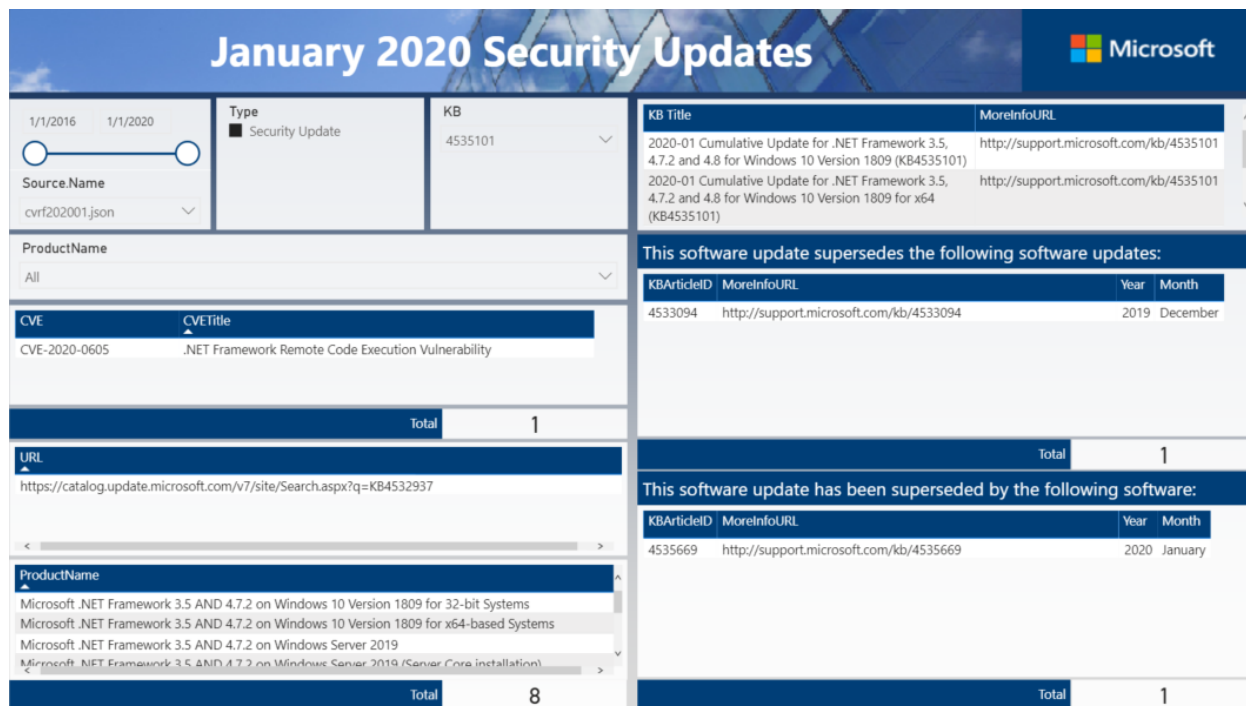
Applying those filters, you got the information about KBs for Windows Client, where they are created on May-2021 and also are Critical. You can export the list to generate a SUG in SCCM for instance.

SAMPLE 003: Dashboard -> General tab

Source.Name: JSON from January 2020.

Type: Security Update.

KB: 4535101.



January 2020 Security Updates

1/1/2016 1/1/2020

Source.Name: cvrf202001.json

Type: Security Update

KB: 4535101

Product Name: All

CVE	CVE Title
CVE-2020-0605	.NET Framework Remote Code Execution Vulnerability

Total: 1

URL: <https://catalog.update.microsoft.com/v7/site/Search.aspx?q=KB4532937>

Product Name:

- Microsoft .NET Framework 3.5 AND 4.7.2 on Windows 10 Version 1809 for 32-bit Systems
- Microsoft .NET Framework 3.5 AND 4.7.2 on Windows 10 Version 1809 for x64-based Systems
- Microsoft .NET Framework 3.5 AND 4.7.2 on Windows Server 2019
- Microsoft .NET Framework 3.5 AND 4.7.2 on Windows Server 2019 (Server Core installation)

Total: 8

KB Title

2020-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 (KB4535101) <http://support.microsoft.com/kb/4535101>

2020-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64 (KB4535101) <http://support.microsoft.com/kb/4535101>

This software update supersedes the following software updates:

KB Article ID	More Info URL	Year	Month
4533094	http://support.microsoft.com/kb/4533094	2019	December

Total: 1

This software update has been superseded by the following software:

KB Article ID	More Info URL	Year	Month
4535669	http://support.microsoft.com/kb/4535669	2020	January

Total: 1

So applying those filters, you got the information about URL to Download the fix from Microsoft Catalog, also info about the ProductName involved, more details about this KB we can consult the Microsoft Support webpage, and finally we can get information about the older KB (4533094 | December 2019) or the newer KB (4535669 | January 2020).

SAMPLE 004: Dashboard -> Superseded tab

In this tab is possible to get a list of all Superseded KB, based on Source.Name (JSON file), or by date, or also by product.

Software update - Superseded

Source.Name

All

Date

All

ProductName

All

CVE	Category	KB	Month	Year	Product Name	KB - Newer	URL
CVE-2016-0018		3121461	January	2016	Windows 7 for 32-bit Systems Service Pack 1	4480963	http://support.microsoft.com/help/4480963
CVE-2016-0018		3121461	January	2016	Windows 7 for x64-based Systems Service Pack 1	4480963	http://support.microsoft.com/help/4480963
CVE-2016-0018		3121461	January	2016	Windows 8.1 for 32-bit systems	4480963	http://support.microsoft.com/help/4480963
CVE-2016-0018		3121461	January	2016	Windows 8.1 for x64-based systems	4480963	http://support.microsoft.com/help/4480963
CVE-2016-0018		3121461	January	2016	Windows Server 2008 R2 for x64-based Systems Service Pack 1	4480963	http://support.microsoft.com/help/4480963
CVE-2016-0018		3121461	January	2016	Windows Server 2012	4480963	http://support.microsoft.com/help/4480963
CVE-2016-0018		3121461	January	2016	Windows Server 2012 R2	4480963	http://support.microsoft.com/help/4480963
CVE-2016-0018		3121461	January	2016	Windows 7 for 32-bit Systems Service Pack 1	4534297	https://support.microsoft.com/help/4534297
CVE-2016-0018		3121461	January	2016	Windows 7 for x64-based Systems Service Pack 1	4534297	https://support.microsoft.com/help/4534297
CVE-2016-0018		3121461	January	2016	Windows 8.1 for 32-bit systems	4534297	https://support.microsoft.com/help/4534297
CVE-2016-0018		3121461	January	2016	Windows 8.1 for x64-based systems	4534297	https://support.microsoft.com/help/4534297
CVE-2016-0018		3121461	January	2016	Windows Server 2008 R2 for x64-based Systems Service Pack 1	4534297	https://support.microsoft.com/help/4534297
CVE-2016-0018		3121461	January	2016	Windows Server 2012	4534297	https://support.microsoft.com/help/4534297
CVE-2016-0018		3121461	January	2016	Windows Server 2012 R2	4534297	https://support.microsoft.com/help/4534297
CVE-2016-0018		3121461	January	2016	Windows 7 for 32-bit Systems Service Pack 1	4487000	http://support.microsoft.com/help/4487000
CVE-2016-0018		3121461	January	2016	Windows 7 for x64-based Systems Service Pack 1	4487000	http://support.microsoft.com/help/4487000
CVE-2016-0018		3121461	January	2016	Windows 8.1 for 32-bit systems	4487000	http://support.microsoft.com/help/4487000
CVE-2016-0018		3121461	January	2016	Windows 8.1 for x64-based systems	4487000	http://support.microsoft.com/help/4487000
CVE-2016-0018		3121461	January	2016	Windows Server 2008 R2 for x64-based Systems Service Pack 1	4487000	http://support.microsoft.com/help/4487000
CVE-2016-0018		3121461	January	2016	Windows Server 2012	4487000	http://support.microsoft.com/help/4487000
CVE-2016-0018		3121461	January	2016	Windows Server 2012 R2	4487000	http://support.microsoft.com/help/4487000
CVE-2016-0018		3121461	January	2016	Windows 7 for 32-bit Systems Service Pack 1	4537821	https://support.microsoft.com/help/4537821

Total

1496

Let's say we need to know the KB newer based on all KB delivered on December 2019.

Software update - Superseded										Microsoft	
Source.Name		Date		ProductName							
All		Sunday, December 1, 2019		All							
CVE	Category	KB	Month	Year	Product Name	KB - Newer	URL	Month	Year		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 10 on Windows Server 2012	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 7 for 32-bit Systems Service Pack 1	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 7 for x64-based Systems Service Pack 1	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 8.1 for 32-bit systems	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 8.1 for x64-based systems	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2008 R2 for x64-based Systems Service Pack 1	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2012	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2012 R2	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 9 on Windows Server 2008 for 32-bit Systems Service Pack 2	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 9 on Windows Server 2008 for x64-based Systems Service Pack 2	4534251	https://support.microsoft.com/help/4534251	January	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 10 on Windows Server 2012	4537767	https://support.microsoft.com/help/4537767	February	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 7 for 32-bit Systems Service Pack 1	4537767	https://support.microsoft.com/help/4537767	February	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 7 for x64-based Systems Service Pack 1	4537767	https://support.microsoft.com/help/4537767	February	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 8.1 for 32-bit systems	4537767	https://support.microsoft.com/help/4537767	February	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 8.1 for x64-based systems	4537767	https://support.microsoft.com/help/4537767	February	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2008 R2 for x64-based Systems Service Pack 1	4537767	https://support.microsoft.com/help/4537767	February	2020		
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2012	4537767	https://support.microsoft.com/help/4537767	February	2020		
Total										14	

So now we have a list of current KB (December/2019 our filter), and the KB-Newer its URL and Date.

It's also possible to export this list to CSV file, if is needed. To do that click on the list (anywhere), then click on (...) upper right corner, then click on "Export data"

Software update - Superseded										Microsoft	
SourceName			Date			ProductName					
All			Sunday, December 1, 2019			All					
CVE	Category	KB	Month	Year	Product Name	KB - Newer	URL	Export data			
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 10 on Windows Server 2012	4534251	https://support.microsoft.com/help/4534251	<div> Show data Remove Spotlight Sort descending Sort ascending Sort by </div>			
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 7 for 32-bit Systems Service Pack 1	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 7 for x64-based Systems Service Pack 1	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 8.1 for 32-bit systems	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 8.1 for x64-based systems	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2008 R2 for x64-based Systems Service Pack 1	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2012	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2012 R2	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 9 on Windows Server 2008 for 32-bit Systems Service Pack 2	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 9 on Windows Server 2008 for x64-based Systems Service Pack 2	4534251	https://support.microsoft.com/help/4534251				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 10 on Windows Server 2012	4537767	https://support.microsoft.com/help/4537767	<div> Show data Remove Spotlight Sort descending Sort ascending Sort by </div>			
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 7 for 32-bit Systems Service Pack 1	4537767	https://support.microsoft.com/help/4537767				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 7 for x64-based Systems Service Pack 1	4537767	https://support.microsoft.com/help/4537767				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 8.1 for 32-bit systems	4537767	https://support.microsoft.com/help/4537767				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows 8.1 for x64-based systems	4537767	https://support.microsoft.com/help/4537767				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2008 R2 for x64-based Systems Service Pack 1	4537767	https://support.microsoft.com/help/4537767				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2012	4537767	https://support.microsoft.com/help/4537767				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 11 on Windows Server 2012 R2	4537767	https://support.microsoft.com/help/4537767				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 9 on Windows Server 2008 for 32-bit Systems Service Pack 2	4537767	https://support.microsoft.com/help/4537767				
CVE-2019-1485	IE Cumulative	4530677	December	2019	Internet Explorer 9 on Windows Server 2008 for x64-based Systems Service Pack 2	4537767	https://support.microsoft.com/help/4537767				
Total										14	

SAMPLE 005: Dashboard -> Supersedes tab

In this tab is possible to get a list of all Supersedes KB, based on Source.Name (JSON file), or by date, or also by product.

Software update - Supersedes								Microsoft	
Source.Name		Date		ProductName					
All		All		All					
CVE	Category	KB	Month	Year	Product Name	KB - Older	MoreInfoURL		
CVE-2016-0015		3109560	January	2016	Windows 7 for 32-bit Systems Service Pack 1	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows 7 for x64-based Systems Service Pack 1	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows 8.1 for 32-bit systems	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows 8.1 for x64-based systems	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2008 for 32-bit Systems Service Pack 2	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2008 for Itanium-Based Systems Service Pack 2	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2008 for x64-based Systems Service Pack 2	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2008 R2 for Itanium-Based Systems Service Pack 1	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2008 R2 for x64-based Systems Service Pack 1	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2012	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2012 (Server Core installation)	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2012 R2	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Server 2012 R2 (Server Core installation)	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Vista Service Pack 2	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows Vista x64 Edition Service Pack 2	2972280	http://support.microsoft.com/kb/2972280		
CVE-2016-0015		3109560	January	2016	Windows 7 for 32-bit Systems Service Pack 1	2973932	http://support.microsoft.com/kb/2973932		
CVE-2016-0015		3109560	January	2016	Windows 7 for x64-based Systems Service Pack 1	2973932	http://support.microsoft.com/kb/2973932		
CVE-2016-0015		3109560	January	2016	Windows 8.1 for 32-bit systems	2973932	http://support.microsoft.com/kb/2973932		
CVE-2016-0015		3109560	January	2016	Windows 8.1 for x64-based systems	2973932	http://support.microsoft.com/kb/2973932		
CVE-2016-0015		3109560	January	2016	Windows Server 2008 for 32-bit Systems Service Pack 2	2973932	http://support.microsoft.com/kb/2973932		
CVE-2016-0015		3109560	January	2016	Windows Server 2008 for Itanium-Based Systems Service Pack 2	2973932	http://support.microsoft.com/kb/2973932		
CVE-2016-0015		3109560	January	2016	Windows Server 2008 for x64-based Systems Service Pack 2	2973932	http://support.microsoft.com/kb/2973932		
						Total	1699		

Let's say we need to know all older KB based on KB delivered on January 2020.

Software update - Supersedes								Microsoft	
Source.Name		Date		ProductName					
All		Wednesday, January 1, 2020		All					
CVE	Category	KB	Month	Year	Product Name	KB - Older	MoreInfoURL		
CVE-2020-0605	Security Update	4532933	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1607 for 32-bit Systems	4532997	http://support.microsoft.com/kb/4532997		
CVE-2020-0605	Security Update	4532933	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1607 for x64-based Systems	4532997	http://support.microsoft.com/kb/4532997		
CVE-2020-0605	Security Update	4532933	January	2020	Microsoft .NET Framework 4.8 on Windows Server 2016	4532997	http://support.microsoft.com/kb/4532997		
CVE-2020-0605	Security Update	4532933	January	2020	Microsoft .NET Framework 4.8 on Windows Server 2016 (Server Core installation)	4532997	http://support.microsoft.com/kb/4532997		
CVE-2020-0605	Security Update	4532935	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1709 for 32-bit Systems	4532999	http://support.microsoft.com/kb/4532999		
CVE-2020-0605	Security Update	4532935	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1709 for x64-based Systems	4532999	http://support.microsoft.com/kb/4532999		
CVE-2020-0605	Security Update	4532936	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1803 for 32-bit Systems	4533000	http://support.microsoft.com/kb/4533000		
CVE-2020-0605	Security Update	4532936	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1803 for x64-based Systems	4533000	http://support.microsoft.com/kb/4533000		
CVE-2020-0605	Security Update	4532936	January	2020	Microsoft .NET Framework 4.8 on Windows Server, version 1803 (Server Core Installation)	4533000	http://support.microsoft.com/kb/4533000		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 10 on Windows Server 2012	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 7 for 32-bit Systems Service Pack 1	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 7 for x64-based Systems Service Pack 1	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 8.1 for 32-bit systems	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 8.1 for x64-based systems	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows Server 2008 R2 for x64-based Systems Service Pack 1	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows Server 2012	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows Server 2012 R2	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 9 on Windows Server 2008 for 32-bit Systems Service Pack 2	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 9 on Windows Server 2008 for x64-based Systems Service Pack 2	3148198	http://support.microsoft.com/kb/3148198		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 10 on Windows Server 2012	3154070	http://support.microsoft.com/kb/3154070		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 7 for 32-bit Systems Service Pack 1	3154070	http://support.microsoft.com/kb/3154070		
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 7 for x64-based Systems Service Pack 1	3154070	http://support.microsoft.com/kb/3154070		
						Total	442		

So now we have a list of current KB (Jan/2020 our filter), and the KB-Older, its URL and Date.

It's also possible to export this list to CSV file, if is needed. To do that click on the list (anywhere), then click on (...) upper right corner, then click on "Export data"

Software update - Supersedes										Microsoft	
SourceName			Date			ProductName					
All			Wednesday, January 1, 2020			All					
CVE	Category	KB	Month	Year	Product Name	KB - Older	More	Export data			
CVE-2020-0605	Security Update	4532933	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1607 for 32-bit Systems	4532997	http://support.microsoft.com/kb/4532997	<div> Show data Remove Spotlight Sort descending Sort ascending Sort by </div>			
CVE-2020-0605	Security Update	4532933	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1607 for x64-based Systems	4532997	http://support.microsoft.com/kb/4532997				
CVE-2020-0605	Security Update	4532933	January	2020	Microsoft .NET Framework 4.8 on Windows Server 2016	4532997	http://support.microsoft.com/kb/4532997				
CVE-2020-0605	Security Update	4532933	January	2020	Microsoft .NET Framework 4.8 on Windows Server 2016 (Server Core installation)	4532997	http://support.microsoft.com/kb/4532997				
CVE-2020-0605	Security Update	4532935	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1709 for 32-bit Systems	4532999	http://support.microsoft.com/kb/4532999				
CVE-2020-0605	Security Update	4532935	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1709 for x64-based Systems	4532999	http://support.microsoft.com/kb/4532999				
CVE-2020-0605	Security Update	4532936	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1803 for 32-bit Systems	4533000	http://support.microsoft.com/kb/4533000				
CVE-2020-0605	Security Update	4532936	January	2020	Microsoft .NET Framework 4.8 on Windows 10 Version 1803 for x64-based Systems	4533000	http://support.microsoft.com/kb/4533000				
CVE-2020-0605	Security Update	4532936	January	2020	Microsoft .NET Framework 4.8 on Windows Server, version 1803 (Server Core Installation)	4533000	http://support.microsoft.com/kb/4533000				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 10 on Windows Server 2012	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 7 for 32-bit Systems Service Pack 1	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 7 for x64-based Systems Service Pack 1	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 8.1 for 32-bit systems	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 8.1 for x64-based systems	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows Server 2008 R2 for x64-based Systems Service Pack 1	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows Server 2012	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows Server 2012 R2	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 9 on Windows Server 2008 for 32-bit Systems Service Pack 2	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 9 on Windows Server 2008 for x64-based Systems Service Pack 2	3148198	http://support.microsoft.com/kb/3148198				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 10 on Windows Server 2012	3154070	http://support.microsoft.com/kb/3154070				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 7 for 32-bit Systems Service Pack 1	3154070	http://support.microsoft.com/kb/3154070				
CVE-2020-0640	IE Cumulative	4534251	January	2020	Internet Explorer 11 on Windows 7 for x64-based Systems Service Pack 1	3154070	http://support.microsoft.com/kb/3154070				
										Total	442