

## SUGAPI Dashboard in PBI

Security – Analyze KBs Superseded

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# 1 SUGAPI Dashboard in PBI

This document will help the Security team to analyze the superseded KBs, delivered monthly by Microsoft.

The SUGAPI ([aka.ms/sugapi](https://aka.ms/sugapi)) 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 propose of this documentation is to show you how to get the CVRF summary and combining this info with WSUS Database will provide you a PowerBI Dashboard that brings insightful information about superseded KBs and more.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- Superseded KBs.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.

## 2 Solution Architecture

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

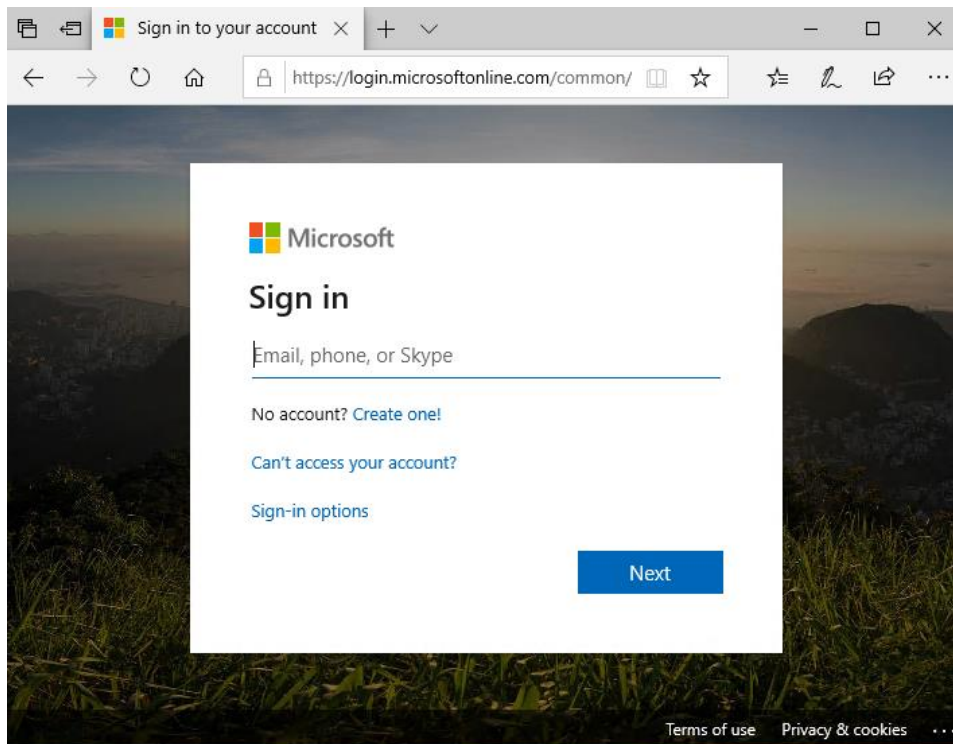
- Download a JSON file that contain CVE info.
- WSUS server available to connect.
- SUSDB in SQL database, WID database won't work.
- Read permission on SUSDB
- PowerBI Desktop installed.
- PBI template file that does the analysis.

### 2.1 Download a JSON file from SUGAPI website

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

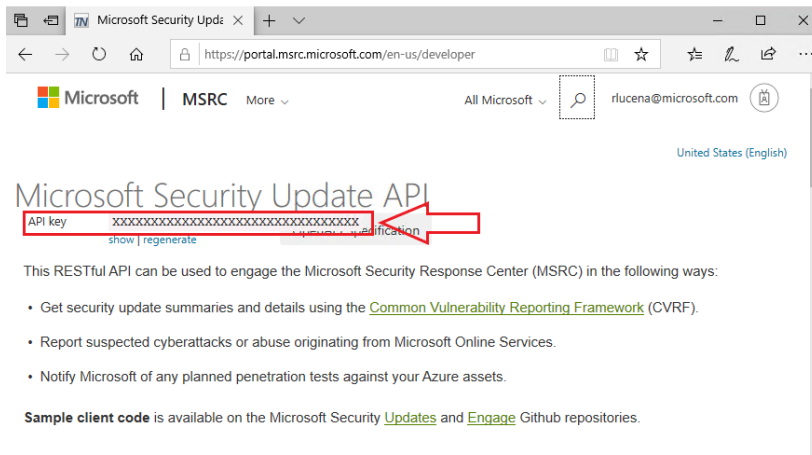
#### Steps

1. Open your web browser, and navigate to [aka.ms/sugapi](https://aka.ms/sugapi)
2. Insert your Microsoft credential to access the website.



## Steps

- Click on **show** and copy your API key

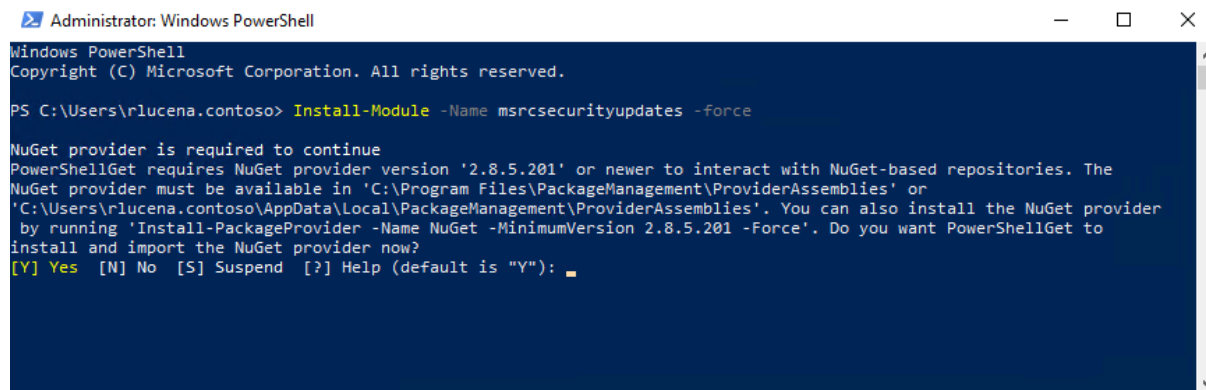


- Open a PowerShell prompt as administrator.

- Run the command:

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

Type "Y" to confirm



- Run the commands:

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

```
Set-MSRCapiKey -ApiKey "<your API Key>" -Verbose  
#Replace <your API Key> by your key copied from SUGAPI website
```

```
$monthOfInterest = "2020-Jan"  
#Replace "2020-Jan" by year-month you'd like to get information
```

```
$Output_Location = "C:\temp\cvrf.json"  
#Inform a path where cvrf.json will be created
```

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

## Steps

```
Administrator: Windows PowerShell
PS C:\Users\rLucena.contoso> Import-Module -Name msrccsecurityupdates -Force
PS C:\Users\rLucena.contoso> Set-MSRCApiKey -ApiKey " " -Verbose
VERBOSE: Performing the operation "Set item" on target ".
VERBOSE: Successfully set your API Key required by cmdlets of this module. Calls to the MSRC APIs will now use your API
key.
VERBOSE: Successfully defined a msrccApiUrl global variable that points to https://api.msrmicrosoft.com
VERBOSE: Successfully defined a msrccApiVersion global variable that points to api-version=2016-08-01
PS C:\Users\rLucena.contoso> $monthOfInterest = "2020-Jan"
PS C:\Users\rLucena.contoso> $Output_Location = "C:\temp\cvrf.json"
PS C:\Users\rLucena.contoso> Get-MSrcCvrfDocument -ID $monthOfInterest -Verbose | ConvertTo-Json -Depth 100 | Out-File $O
utput_Location
VERBOSE: Calling https://api.msrmicrosoft.com/cvrf/2020-Jan?api-version=2016-08-01
VERBOSE: GET https://api.msrmicrosoft.com/cvrf/2020-Jan?api-version=2016-08-01 with 0-byte payload
VERBOSE: received 1484264-byte response of content type application/json; charset=utf-8
PS C:\Users\rLucena.contoso>
```

## 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.

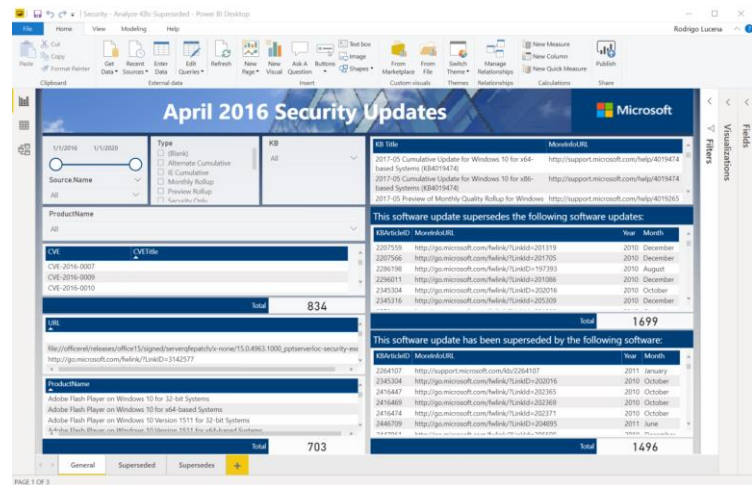
Basically, this PowerBI dashboard will consume all JSON file available under a determined path and will get some tables in SUSDB and execute some queries in SUSDB.

This JSON files are the results from the previously executed PowerShell cmdlets to create/extract them from SUGAPI 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.

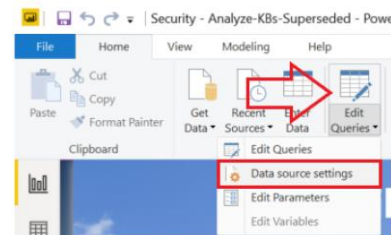
## Steps

## Illustrative image

1. Open the "Security - Analyze-KBs-Superseded.pbix"



2. Click on **Edit Queries** > **Data source settings**



3. Change the sources, as needed.

**IMPORTANT:** in this sample `c:\temp\sugapi` é the folder where you have created the JSON files. And the `databaseserver.eastus.cloudapp.azure.com; SUSDB` 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.



## Steps

## Illustrative image

- Assuming you have to change the source for JSON files, so select c:\temp\sugapi and click on "Change Source".

### Data source settings

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

☒ Data sources in current file ☐ Global permissions

Search data source settings

- c:\temp\sugapi
- cloudapp.azure.com;SUSDB

Change Source... Edit Permissions... Clear Permissions

Close

- Specify the correct folder and click "OK"

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

### Folder

Folder path

C:\xxx\json files

Browse...

OK

Cancel

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

### Data source settings

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

☒ Data sources in current file ☐ Global permissions

Search data source settings

- c:\temp\sugapi
- cloudapp.azure.com;SUSDB

Change Source... Edit Permissions... Clear Permissions

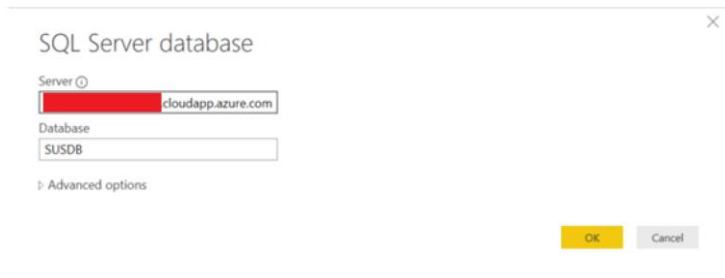
Close



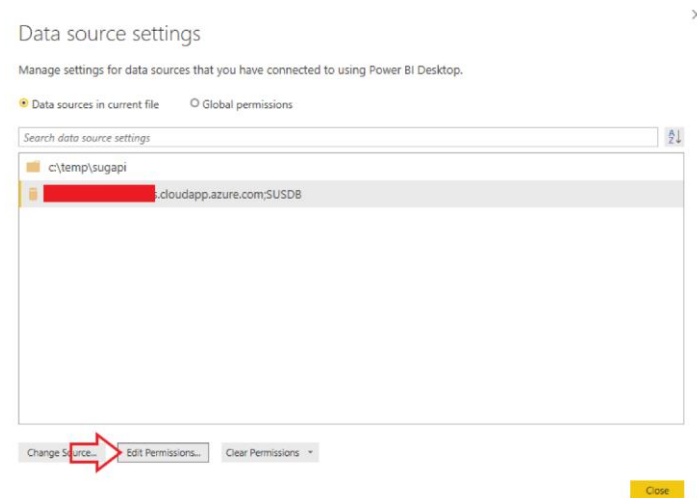
## Steps

## Illustrative image

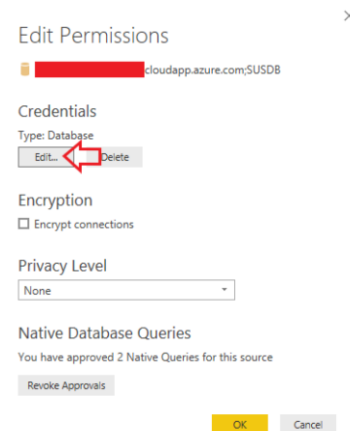
- Specify the correct server name and database, and click "OK"



- Click on "Edit Permissions"



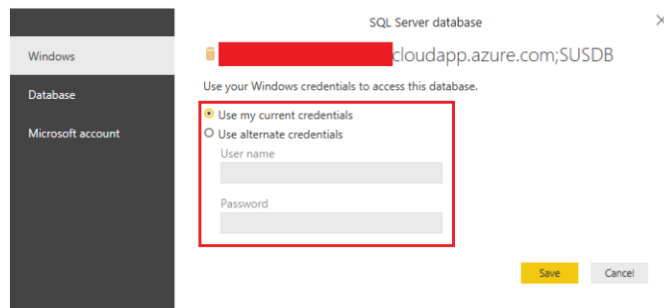
- Click on Edit...



## Steps

## Illustrative image

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



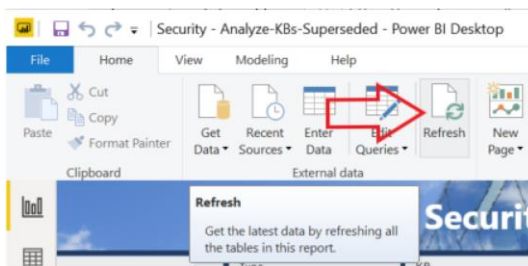
## 2.4.1 How to update data in PowerBI Dashboard

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

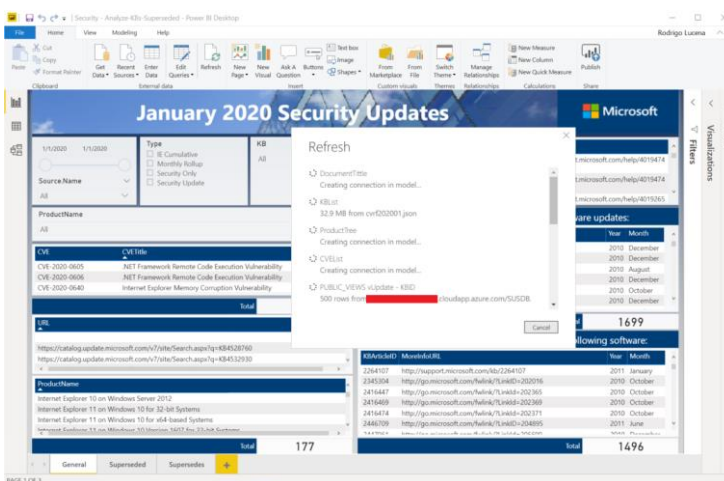
## Steps

## Illustrative image

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



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

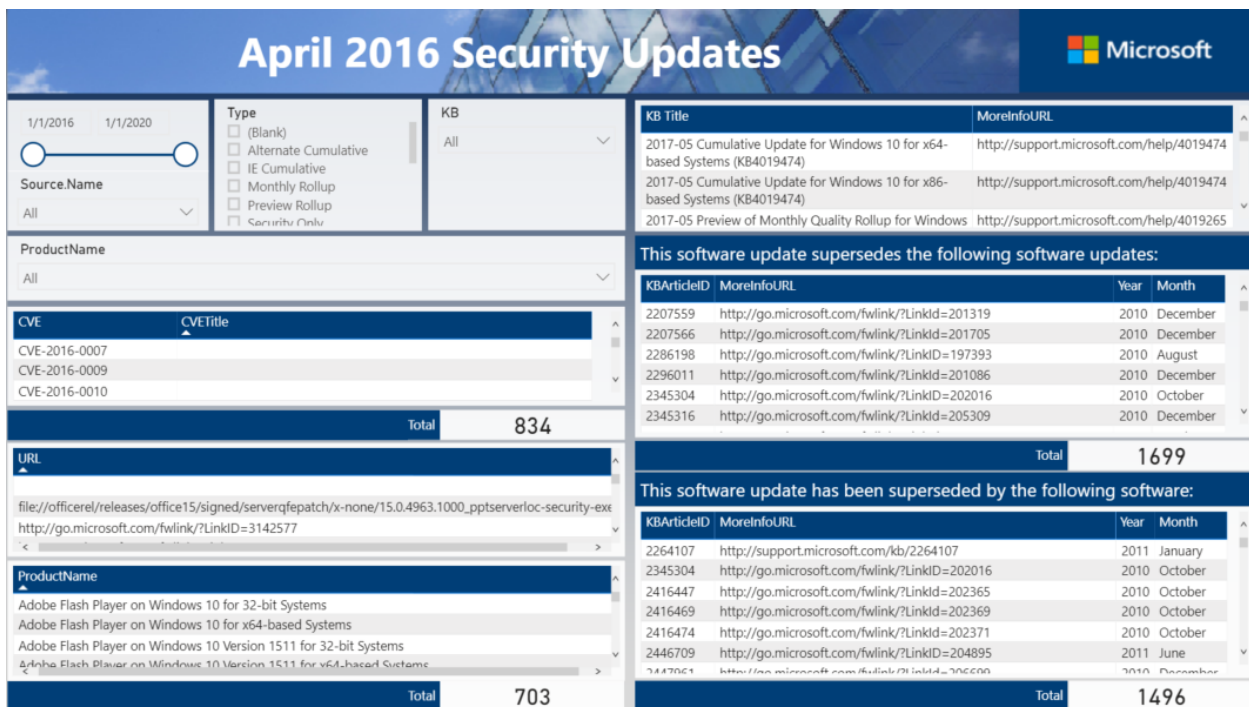


### 3 Understanding and explaining the results

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 of time, by JSON file (Source.Name), Type of update, also KB number or ProductName.

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 the both newer and older KB based on your filters.



**April 2016 Security Updates**

Microsoft

1/1/2016 1/1/2020

Source.Name: All

Type: ☐ (Blank) ☐ Alternate Cumulative ☐ IE Cumulative ☐ Monthly Rollup ☐ Preview Rollup ☒ Security Only

KB: All

Product Name: All

CVE: CVE-2016-0007, CVE-2016-0009, CVE-2016-0010

URL: file:///officerel/releases/office15/signed/serverqfepatch/x-none/15.0.4963.1000\_pptserverloc-security-exe, http://go.microsoft.com/fwlink/?LinkID=3142577

Product Name: Adobe Flash Player on Windows 10 for 32-bit Systems, Adobe Flash Player on Windows 10 for x64-based Systems, Adobe Flash Player on Windows 10 Version 1511 for 32-bit Systems, Adobe Flash Player on Windows 10 Version 1511 for x64-based Systems

**Total: 834**

**KB Title**

**MoreInfoURL**

2017-05 Cumulative Update for Windows 10 for x64-based Systems (KB4019474) http://support.microsoft.com/help/4019474

2017-05 Cumulative Update for Windows 10 for x86-based Systems (KB4019474) http://support.microsoft.com/help/4019474

2017-05 Preview of Monthly Quality Rollup for Windows http://support.microsoft.com/help/4019265

**This software update supersedes the following software updates:**

KBArticleID	MoreInfoURL	Year	Month
2207559	http://go.microsoft.com/fwlink/?LinkID=201319	2010	December
2207566	http://go.microsoft.com/fwlink/?LinkID=201705	2010	December
2286198	http://go.microsoft.com/fwlink/?LinkID=197393	2010	August
2296011	http://go.microsoft.com/fwlink/?LinkID=201086	2010	December
2345304	http://go.microsoft.com/fwlink/?LinkID=202016	2010	October
2345316	http://go.microsoft.com/fwlink/?LinkID=205309	2010	December

**Total: 1699**

**This software update has been superseded by the following software:**

KBArticleID	MoreInfoURL	Year	Month
2264107	http://support.microsoft.com/kb/2264107	2011	January
2345304	http://go.microsoft.com/fwlink/?LinkID=202016	2010	October
2416447	http://go.microsoft.com/fwlink/?LinkID=202365	2010	October
2416469	http://go.microsoft.com/fwlink/?LinkID=202369	2010	October
2416474	http://go.microsoft.com/fwlink/?LinkID=202371	2010	October
2446709	http://go.microsoft.com/fwlink/?LinkID=204895	2011	June
2447001	http://go.microsoft.com/fwlink/?LinkID=205000	2010	December

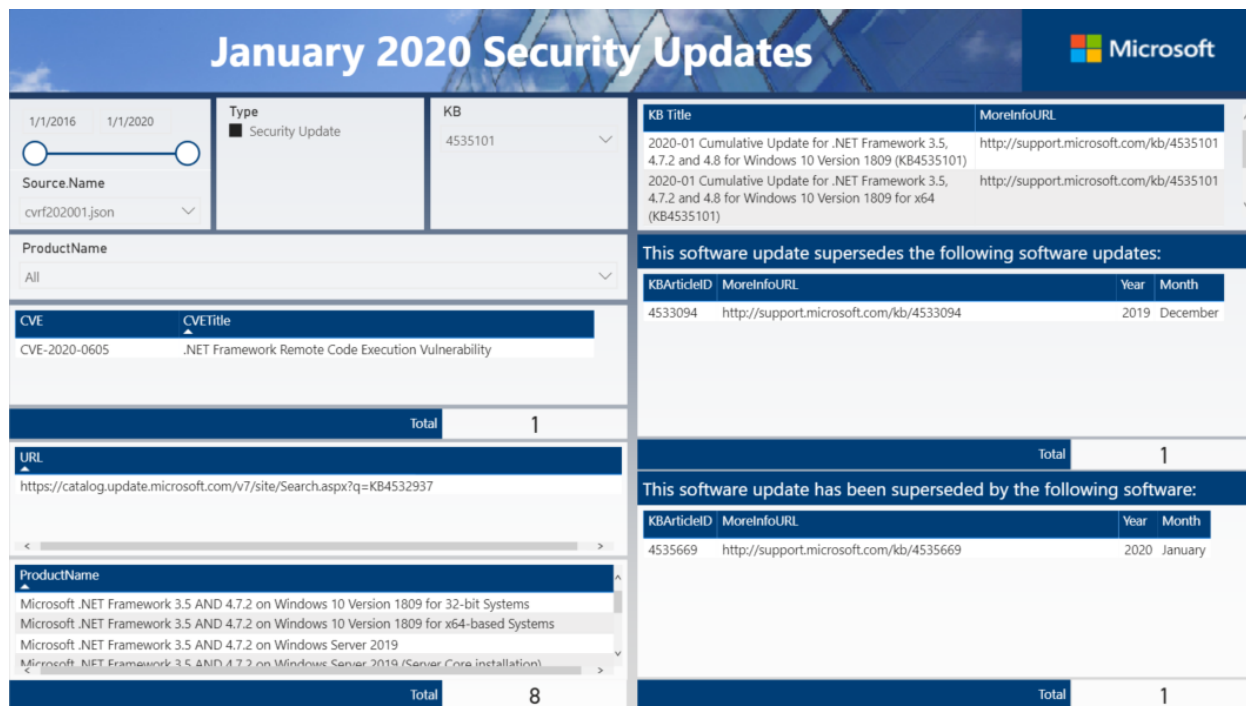
**Total: 1496**

## SAMPLE 001: Dashboard -> General tab

Source.Name: JSON from January 2020.

Type: Security Update.

KB: 4535101.



**January 2020 Security Updates**

Microsoft

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	<a href="http://support.microsoft.com/kb/4533094">http://support.microsoft.com/kb/4533094</a>	2019	December

Total: 1

**This software update has been superseded by the following software:**

KB Article ID	More Info URL	Year	Month
4535669	<a href="http://support.microsoft.com/kb/4535669">http://support.microsoft.com/kb/4535669</a>	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 002: 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	Date	ProductName
All	All	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

Total1496

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> <div>Show data</div> <div>Remove</div> <div>Spotlight</div> <div>Sort descending</div> <div>Sort ascending</div> <div>Sort by</div> </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				
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				
Total										14	



## SAMPLE 003: 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							
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							
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

SourceName

All

Date

Wednesday, January 1, 2020

ProductName

All

CVE

Category

KB

Month

Year

Product Name

KB - Older

More

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

Export data

Show data

Remove

Spotlight

Sort descending

Sort ascending

Sort by

Total442