

Enable Software Metering to Monitor MS Edge usage

In this post, I will show you the steps involved to enable software metering to monitor MS Edge usage by users/clients within the organization. You can use the same steps for any application. This might be useful to decide whether to continue/discontinue Chrome at a future date.

The screenshot shows the SCCM console interface. At the top, the 'Properties' button is highlighted with a red box. Below it, the 'Client Settings' view is shown, with a table listing settings:

Icon	Name	Type	Priority	Deployment
<input checked="" type="checkbox"/>	Default Client Settings	Default	10000	0

An orange arrow points to the 'Default Client Settings' row. Below this, the 'Default Settings' dialog is open, showing the 'Software Metering' section. The 'Enable software metering on clients' checkbox is checked, and the 'Schedule data collection' dropdown is set to 'Yes'. The schedule is 'Occurs every 7 days effective 01-Feb-1970 12:00 AM'. A 'Schedule ...' button is visible. A text box with a black border contains the text: 'The default schedule is good enough. If you need to tweak go ahead.' An orange arrow points from this text box to the 'Schedule ...' button.

At the bottom, the 'Assets and Compliance' view is shown, with the 'Software Metering' button highlighted with a red box.

Create Software Metering Rule Wizard

General

Specify general details for the software metering rule

Use software metering rules to monitor and collect software usage data from Configuration Manager clients.

Name: MS Edge

Specify the file name (the name of the executable file) and the original file name from the file header to identify the software that you want to monitor. When the original file name is specified, the file name is optional.

File name: msedge.exe Browse...

Original file name: Microsoft Edge

Version: *

Language: English (Canada)

Description:

Apply this software metering rule to the following clients:

All clients in the hierarchy

Clients assigned to the following site:

Site: TOR

< Previous **Next >** Summary Cancel

Create Software Metering Rule Wizard

Summary

Confirm the settings

Details:

Name: MS Edge
File name: msedge.exe
Original file name: Microsoft Edge
Version: *
Language: English (Canada)
Description: This will monitor Edge browser usage by clients
Apply this rule to all client of the site: TOR

To change these settings, click Previous. To apply the settings, click Next.

< Previous **Next >** Summary Cancel



Completion

- General
- Summary
- Progress
- Completion**



The Create Software Metering Rule Wizard completed successfully

Details:

Name: MS Edge
File name: msedge.exe
Original file name: Microsoft Edge
Version: *
Language: English (Canada)
Description: This will monitor Edge browser usage by clients
Apply this rule to all client of the site: TOR

To exit the wizard, click Close.

< Previous

Next >

Summary

Close

You can wait for the policy to refresh or do it manually.

Cache

Configurations

Network

General

Components

Actions

Site

Select an action to run a client cycle independently from schedules that are configured in the Configuration Manager console.

Actions:

- Application Deployment Evaluation Cycle
- Discovery Data Collection Cycle
- File Collection Cycle
- Hardware Inventory Cycle
- Machine Policy Retrieval & Evaluation Cycle
- Software Inventory Cycle
- Software Metering Usage Report Cycle**
- Software Updates Deployment Evaluation Cycle
- Software Updates Scan Cycle
- User Policy Retrieval & Evaluation Cycle
- Windows Installer Source List Update Cycle

Run Now

OK

Cancel

Apply

Now move to Monitoring section - Monitoring > Reporting > Reports > Software Metering

The screenshot shows the Monitoring console interface. On the left, a tree view lists various monitoring categories, with 'Software Metering' highlighted at the bottom and an orange arrow pointing to it. The main pane shows the navigation path: Monitoring > Overview > Reporting > Reports > Software Metering. Below the path, a table lists 13 items under 'Software Metering'. The third item, 'Computers that have run a specific metered software program', is selected and highlighted with an orange arrow.

Icon	Name	Category
	All software metering rules applied to this site	Software Metering
	Computers that have a metered program installed but have not run the program since a specified date	Software Metering
	Computers that have run a specific metered software program	Software Metering

We have to fill these 3 fields

The screenshot shows a dialog box for configuring a report. It contains the following information:

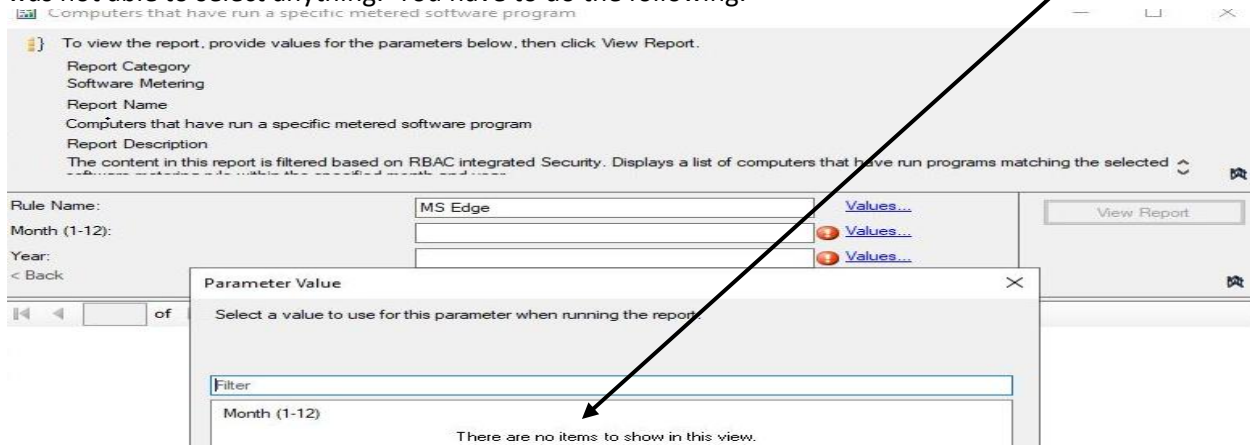
- Report Category: Software Metering
- Report Name: Computers that have run a specific metered software program
- Report Description: software metering rule within the specified month and year

At the bottom, there are three input fields for configuration:

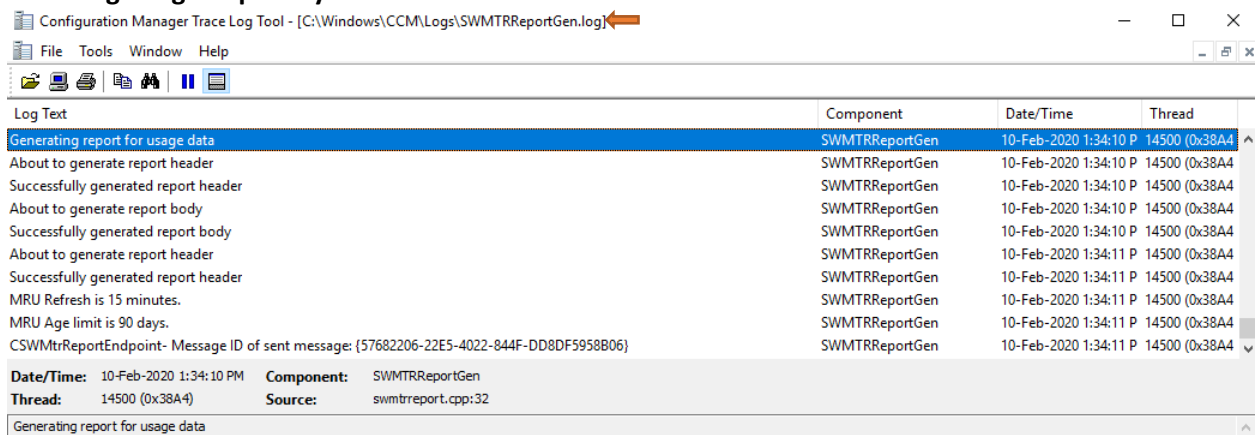
- Rule Name: Values...
- Month (1-12): Values...
- Year: Values...

An orange arrow points to the 'Values...' button next to the Year field. A 'View Report' button is also visible on the right side of the dialog.

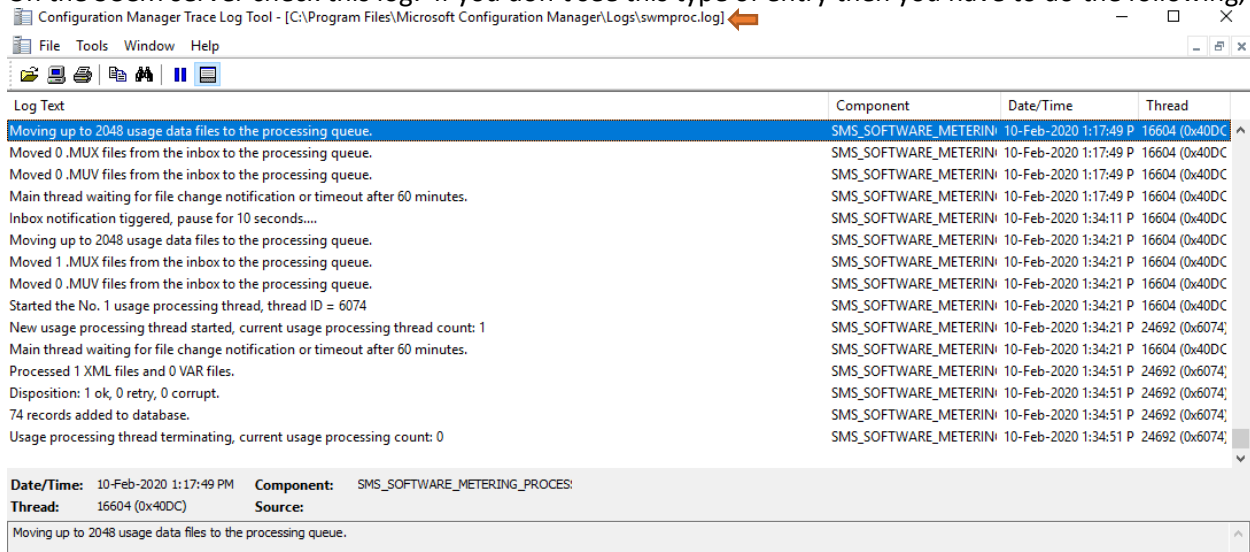
I was able to fill first field (Rule Name). When, I tried to fill in for Month and Year – it was blank and I was not able to select anything. You have to do the following.



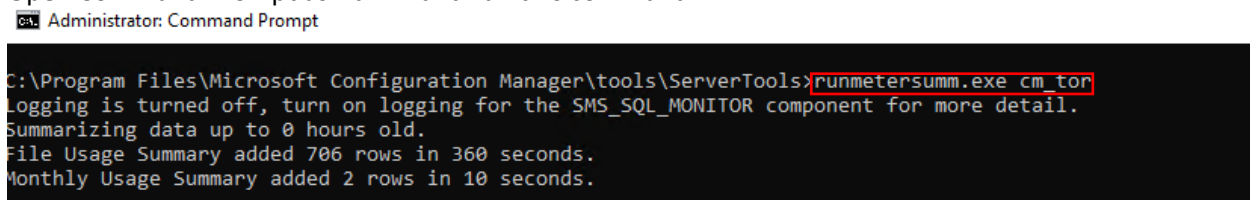
Open this log on the client machine. You have to see this type of entry when you run **Software Metering Usage Report Cycle**.



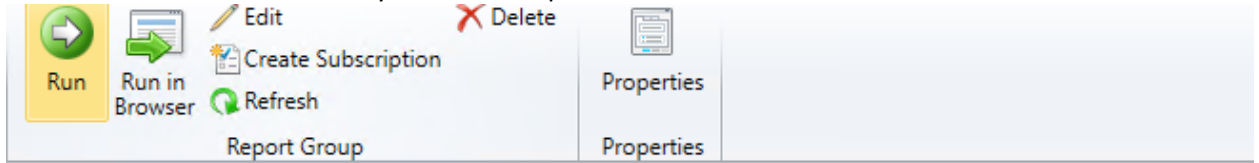
On the SCCM server check this log. If you don't see this type of entry then you have to do the following,



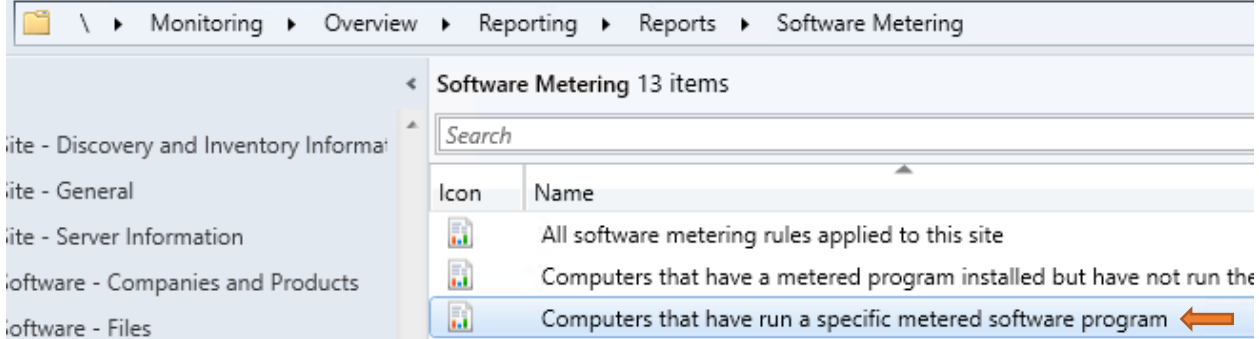
Open Command Prompt as Admin and run this command



Wait for some time and then try to run the report



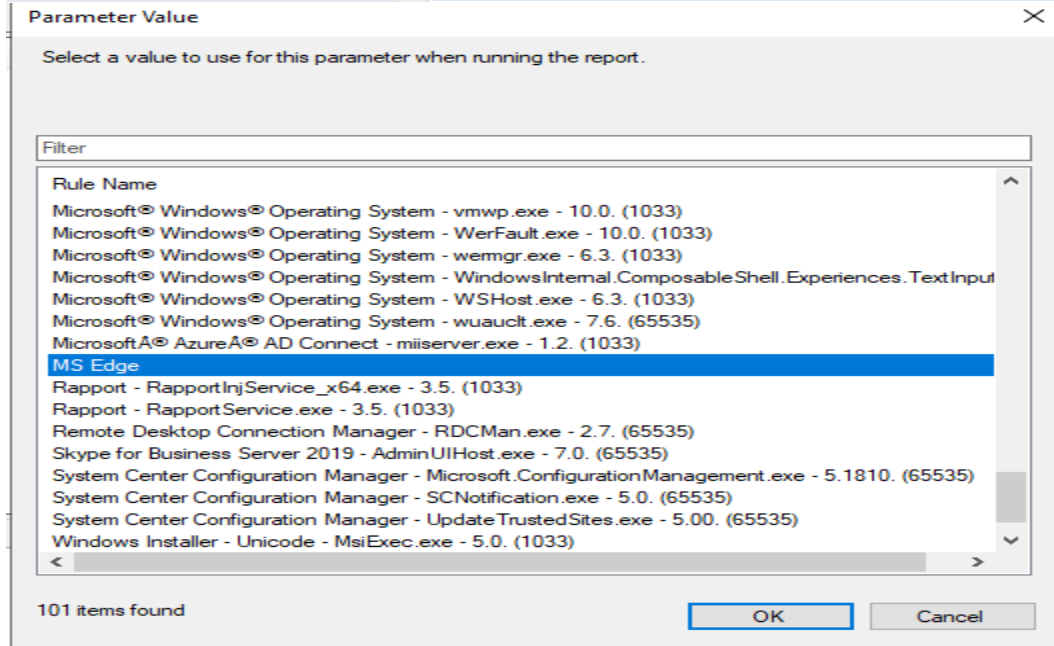
A context menu for a 'Report Group' with the following items: Run (highlighted), Run in Browser, Edit, Create Subscription, Refresh, Delete, Properties, and Properties.



Navigation path: \ > Monitoring > Overview > Reporting > Reports > Software Metering

Software Metering 13 items

Icon	Name
	All software metering rules applied to this site
	Computers that have a metered program installed but have not run the
	Computers that have run a specific metered software program



Parameter Value

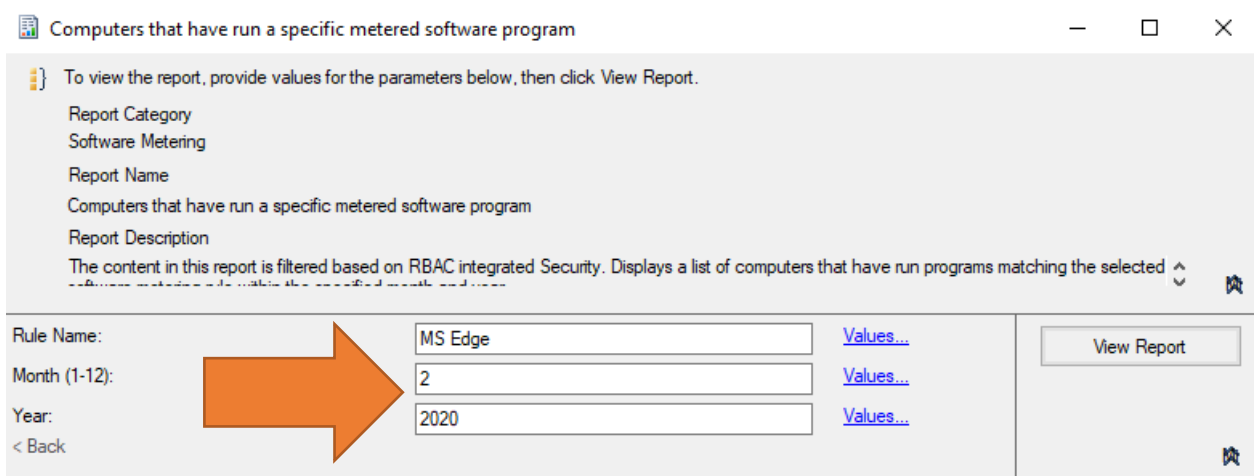
Select a value to use for this parameter when running the report.

Filter

Rule Name
Microsoft® Windows® Operating System - vmwp.exe - 10.0. (1033)
Microsoft® Windows® Operating System - WerFault.exe - 10.0. (1033)
Microsoft® Windows® Operating System - wemgr.exe - 6.3. (1033)
Microsoft® Windows® Operating System - WindowsInternal.ComposableShell.Experiences.TextInput
Microsoft® Windows® Operating System - WSHost.exe - 6.3. (1033)
Microsoft® Windows® Operating System - wuauclt.exe - 7.6. (65535)
Microsoft® Azure® AD Connect - miiserver.exe - 1.2. (1033)
MS Edge
Rappport - RappportInjService_x64.exe - 3.5. (1033)
Rappport - RappportService.exe - 3.5. (1033)
Remote Desktop Connection Manager - RDCMan.exe - 2.7. (65535)
Skype for Business Server 2019 - AdminUIHost.exe - 7.0. (65535)
System Center Configuration Manager - Microsoft.ConfigurationManagement.exe - 5.1810. (65535)
System Center Configuration Manager - SCNotification.exe - 5.0. (65535)
System Center Configuration Manager - UpdateTrustedSites.exe - 5.00. (65535)
Windows Installer - Unicode - MsiExec.exe - 5.0. (1033)

101 items found

OK Cancel



Computers that have run a specific metered software program

To view the report, provide values for the parameters below, then click View Report.

Report Category
Software Metering

Report Name
Computers that have run a specific metered software program

Report Description
The content in this report is filtered based on RBAC integrated Security. Displays a list of computers that have run programs matching the selected software categories within the specified month and year.

Rule Name: [Values...](#)

Month (1-12): [Values...](#)

Year: [Values...](#)

< Back

View Report



Navigation icons: back, forward, search, print, refresh, zoom (100%), Find | Next

Computers that have run a specific metered software program

To view the report, provide values for the parameters below, then click View Report.

Report Category
Software Metering

Report Name
Computers that have run a specific metered software program

Report Description
The content in this report is filtered based on RBAC integrated Security. Displays a list of computers that have run programs matching the selected software metered code within the specified month and year.

Rule Name: [Values...](#)

Month (1-12): [Values...](#)

Year: [Values...](#)

< Back View Report

1 of 1 | 100% | Find | Next

Computers that have run a specific metered software program

Description

NetBIOS Name	Installed Site Code	Last Usage	Total Usages	Average Usages per Day

You should see above report. In my case there is not much data because, I just enabled the rule and ran the report. After few days, if you run the report again you should see a nice graph of clients that are using MS Edge and other details.

This concludes how to enable and use Software Metering.

Thanks

Ram Lan
10th Feb 2020