File Access Manager Unattended Collectors Installation

Version: 8.4

Revised: March 27, 2023

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Overview

The Collector Bulk Installer installs and uninstalls Windows File Server Activity Monitors, Permission Collection, and Data Classification Collectors in an unattended fashion. It simplifies the installation process when many services need to be installed.

The installer is run from the command line, and it needs to be supplied with parameters. When installing Windows File Server Activity Monitors, these parameters will be automatically created for you. In other cases, you will need to adjust these parameters manually based on the Windows File Server Activity monitor command.

Prerequisites

Make sure your system fits the descriptions below before starting the installation.

1. File Access Manager requires the ASP.NET Core 6.0.x Hosting Bundle. This bundle consists of .NET Runtime and ASP .NET Core Runtime.

2. When installing a Windows File Server Activity Monitor:

   - Verify all prerequisites described in "Integrating Windows Server with File Access Manager" were followed.

   - Install the Visual C++ 2010 redistributable package to ensure the Windows File Sever Activity Monitor works properly.

   - The Visual C++ 2010 redistributable package can be found in the installation files under Collector\vcredist_x64.exe.

Usage

Perform the following steps to complete the installation process:

1. Copy the distribution file, CollectorBulkInstaller.exe, to an installation folder on each server.

2. Create the command line that will be used to run CollectorBulkInstaller.exe. See Create Command Line for further instruction.

3. Run the command line from the directory which contains CollectorBulkInstaller.exe.

Command Template

CollectorBulkInstaller.exe <INSTALL\UNINSTALL FLAG> <SERVICE TYPE> --log "<SAILPOINT _HOME_LOGS_ FOLDER>" --agent-conf-url "<ACM>:8000" -h "<SAILPOINT_ HOME_FOLDER>" --system-guid "<SYSTEM_GUID>" --valid-cert-hashes "<HASHES>" [-e "ENGINE_NAME"] [-n "<COLLECTOR _NAME>"]

Parameters

INSTALL\UNINSTALL FLAG

   -i = installation

   -u = uninstallation

SERVICE TYPE

   1 = All (this option is only relevant for uninstall)

   2 = Windows File Server Activity Monitor

   3 = Permission Collector

   4 = Data Classification Collector

log

   The home folder for SailPoint Application logs (default: C:\Program Files\SailPoint\Logs)

agent-conf-url

   FQDN of the server which hosts the Agent Configuration Manager Service

h

   The home folder for the SailPoint installation (default: C:\Program Files\SailPoint)

system-guid

   The unique system GUID of this Installation

valid-cert-hashes

   The server certificate hashes that are used to authenticate the Agent Configuration Manager Service

e

   Optional–needed only when installing a new collector

The engine name that this new collector will be attached

Alternative name: -engine-name

Example–for engine with the service name:

"File Access Manager Central Data Classification - [ENGINE_NAME]", use the name "[ENGINE_NAME]"

n

Optional–needed only when uninstalling a collector

This is the collector service name.

Alternative name: -collector-name

Example–for collector with the service name:

"File Access Manager Central Data Classification - [ENGINE_NAME] Collector 1", use the name "[ENGINE_NAME] Collector 1" or the full name "File Access Manager Central Data Classification - [ENGINE_NAME] Collector 1"
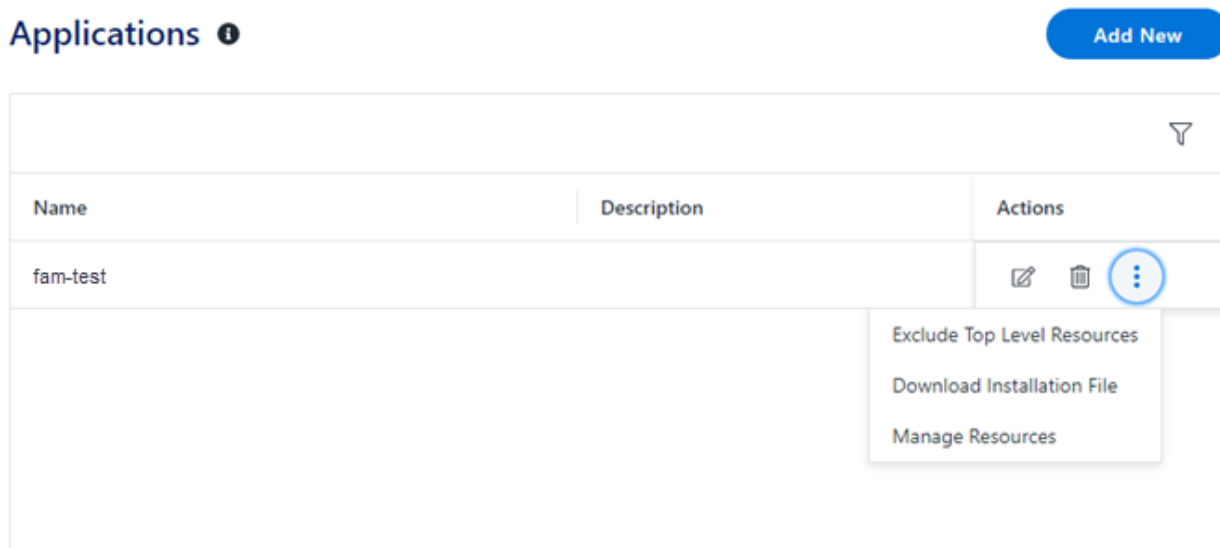
Creating the Command Line

The command line can be created automatically when creating a new Windows File Server application. It must be manually adjusted for other needs (either installing or uninstalling).

Creating a Command Line Automatically

When installing an Activity Monitor, a user can create a command line automatically by doing the following:

1. From the File Access Manager business website, navigate to **Admin > Applications** and locate a Windows File Server application.

2. Under the Actions column, click on the ellipsis icon. Next click **Download Installation File**.

3. The file containing the installation command will be downloaded.

Creating a Command Line for Other Cases

It is not possible to automatically generate the command line for other cases. It will need to be adjusted manually based on the Window File Server application command.

Uninstall All

This installer has the ability to uninstall the collectors without specifying a specific collector. This option will uninstall all the Data Classification collectors, Permission Collection collectors, and Windows File Server activity monitor only.

It is useful when you want to decommission a server with collectors. Its advantage is that the command is identical for all servers.

Command Examples

Windows File Server Activity Monitor

Installation

CollectorBulkInstaller.exe -i 2 --log "C:\Program Files\SailPoint\Logs" --agent-conf-url "<SERVER_ FQDN>:8000" -h "C:\Program Files\SailPoint" --system-guid "<GUID>" --valid-cert-hashes "<CERT_HASH>"

Uninstallation

CollectorBulkInstaller.exe -u 2 --log "C:\Program Files\SailPoint\Logs" --agent-conf-url "<SERVER_ FQDN>:8000" -h "C:\Program Files\SailPoint" --system-guid "<GUID>" --valid-cert-hashes "<CERT_HASH>"

Permissions Collector

Installation

CollectorBulkInstaller.exe -i 3 --log "C:\Program Files\SailPoint\Logs" --agent-conf-url "<SERVER_ FQDN>:8000" -h "C:\Program Files\SailPoint" --system-guid "<GUID>" --valid-cert-hashes "<CERT_HASH>" -e "<PC_ENGINE_NAME>"

Uninstallation

CollectorBulkInstaller.exe -u 3 --log "C:\Program Files\SailPoint\Logs" --agent-conf-url "<SERVER_ FQDN>:8000" -h "C:\Program Files\SailPoint" --system-guid "<GUID>" --valid-cert-hashes "<CERT_HASH>" -n "<PC_COLLECTOR_SERVICE_NAME>"

Data Classification

Installation

CollectorBulkInstaller.exe -i 4 --log "C:\Program Files\SailPoint\Logs" --agent-conf-url "<SERVER_ FQDN>:8000" -h "C:\Program Files\SailPoint" --system-guid "<GUID>" --valid-cert-hashes "<CERT_HASH>" -e "<DC_ENGINE_NAME>"

Uninstallation

CollectorBulkInstaller.exe -u 4 --log "C:\Program Files\SailPoint\Logs" --agent-conf-url "<SERVER_ FQDN>:8000" -h "C:\Program Files\SailPoint" --system-guid "<GUID>" --valid-cert-hashes "<CERT_HASH>" -n "<DC_COLLECTOR_SERVICE_NAME>"

Uninstall All

CollectorBulkInstaller.exe -u 1 --log "C:\Program Files\SailPoint\Logs" --agent-conf-url "<SERVER_ FQDN>:8000" -h "C:\Program Files\SailPoint" --system-guid "<GUID>" --valid-cert-hashes "<CERT_HASH>"

Exit Codes

The CollectorBulkInstaller.exe will return a specific exit code for success or failure. The following is a list of exit codes available:

- Success = 0

- Failure = 1

- Canceled = 2

- RestartPending = 3

- Fatal = 4

- DotnetCoreNotInstalled = 5

- EngineNotFound = 6

- CollectorNotFound = 7

- InvalidCollectorTypeSpecified = 8