

# Cloudflare Data Connector

Last updated by | Naser Mohammed | Mar 19, 2023 at 7:18 AM CDT

## Overview

This data connector works using Logstash in the Cloudflare end to send the logs to a Storage Account into blobs. Then, a function app reads from the storage blobs and sends the data to Log Analytics.

As of January 2022 the data connector is not a built-in data connector, and needs to be imported from Azure Marketplace.

Once that it has been imported and the solution deployed, you will be able to find it as a regular data connector.

It will deploy the following:

1. A storage account
2. A function App
3. The Data Connector

## Configuration Details

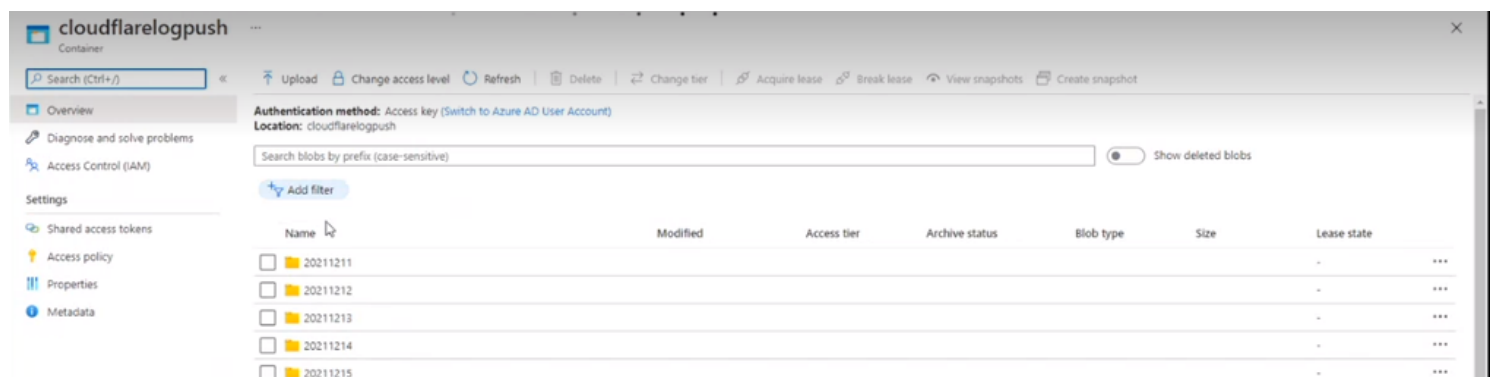
To configure it, follow the instructions from the data connector.

To gather the Workspace ID and the Azure Sentinel Shared Key go to *Log Analytics* - <Sentinel LAW> - *Agents Management*, use the *Primary key* for the Azure Sentinel Shared Key.

To gather the Azure Blob Storage Container Name and the Azure Blob Storage Connection String go to the Storage account created by the deployment of the solution -> *Access Keys* and in there you will see the Storage account name and the Connection String.

## Troubleshooting

Start by going to the *Storage Account* -> *Container* -> and review that from the blobs there is data being stored in there. If there is no data in there, the issue would be between Logstash and the storage account.



As any other Function App connector based, chances are the issue is with the Function App configuration. Go to the Function App for Cloudflare that was created. Then, select the function. From that, then go to *Functions* ->

*AzureFunctionCloudFlare* -> *Monitor*. From here, review the latest logs. Chances are, it will have something specific to what's mis-configured.

For example, see this error: *Result: Failure Exception: ValueError: Connection string missing required connection details*. It is pointing to the configuration for the Function. So, go back to the main function and select *Configuration*. You can either check one by one the settings or click on *Advanced edit* to have a generalized view. As in this example, the error is with the Connection string, we can infer it is the *AZURE\_STORAGE\_CONNECTION\_STRING*.

Note, once you've changed a configuration parameter from the function app, it may take up to 10 minutes or two cycles for the Function App to stop showing errors and show as succeeded.