# Source control – Connecting Data Factory with GitHub Organization Repo (public or private repo)

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

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## Issue

Customer wants to connect an Organization repo (Public or Private) with Azure Data Factory.

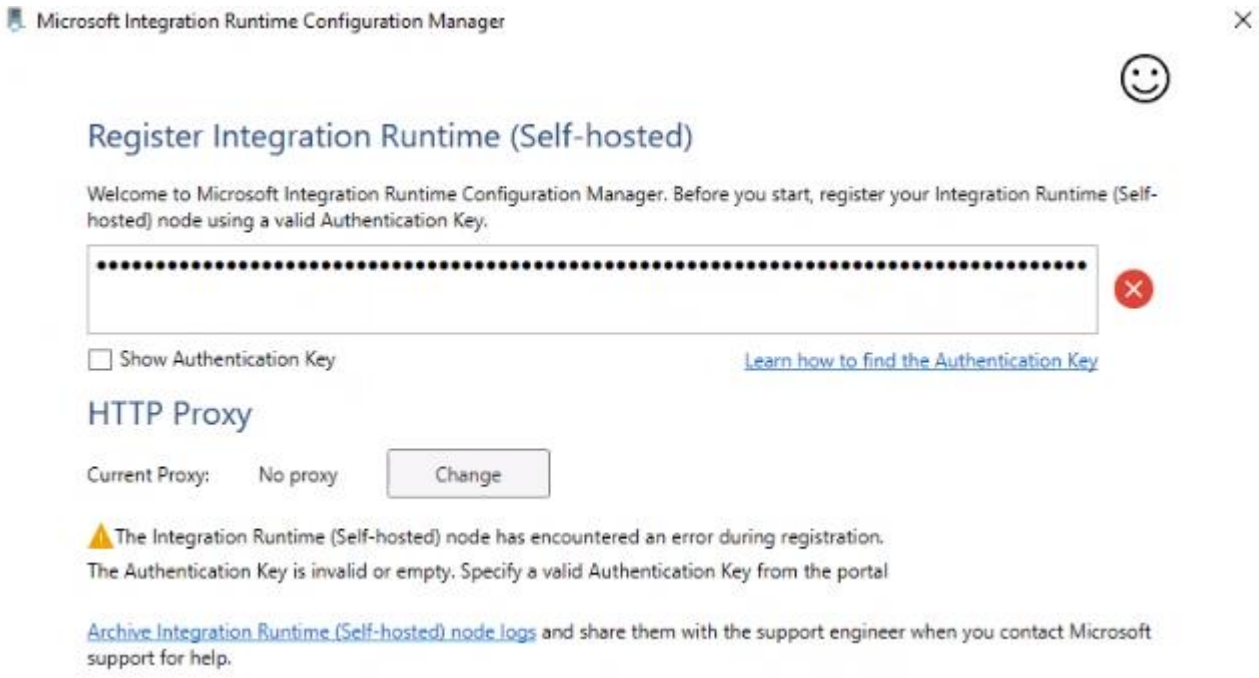
## Recommendation

Connecting to a GitHub organization will require the organization to Grant permission to Azure Data Factory

**Note:** Only the user with ADMIN permission on the Organization would be able to perform the below steps (on time mandatory steps to grant permission)

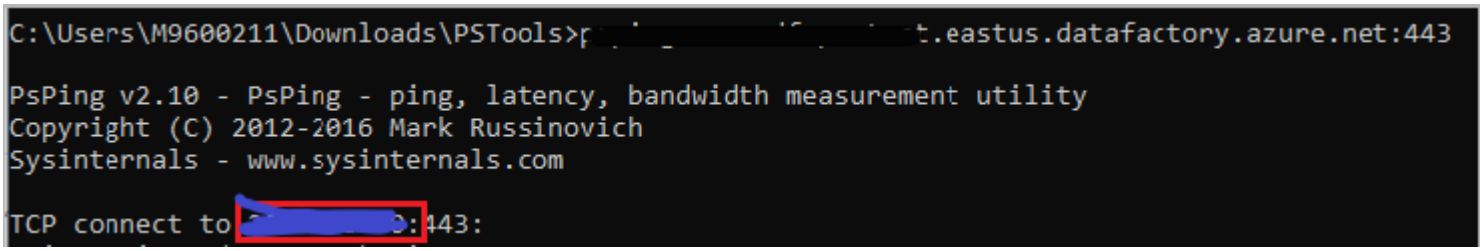
1. If the customer is connecting to GitHub for the first time, follow the below steps:

- On the "Repository Settings" page, under "GitHub Account" kindly add the organization name.



- A prompt to login in into GitHub will appear, add user credentials which will as ask to authorize Azure Data Factory with an application name as "AzureDataFactory" or "AzureDataFactoryMSInternal". below the page, there is an option to grant permission for the Organization as shown below

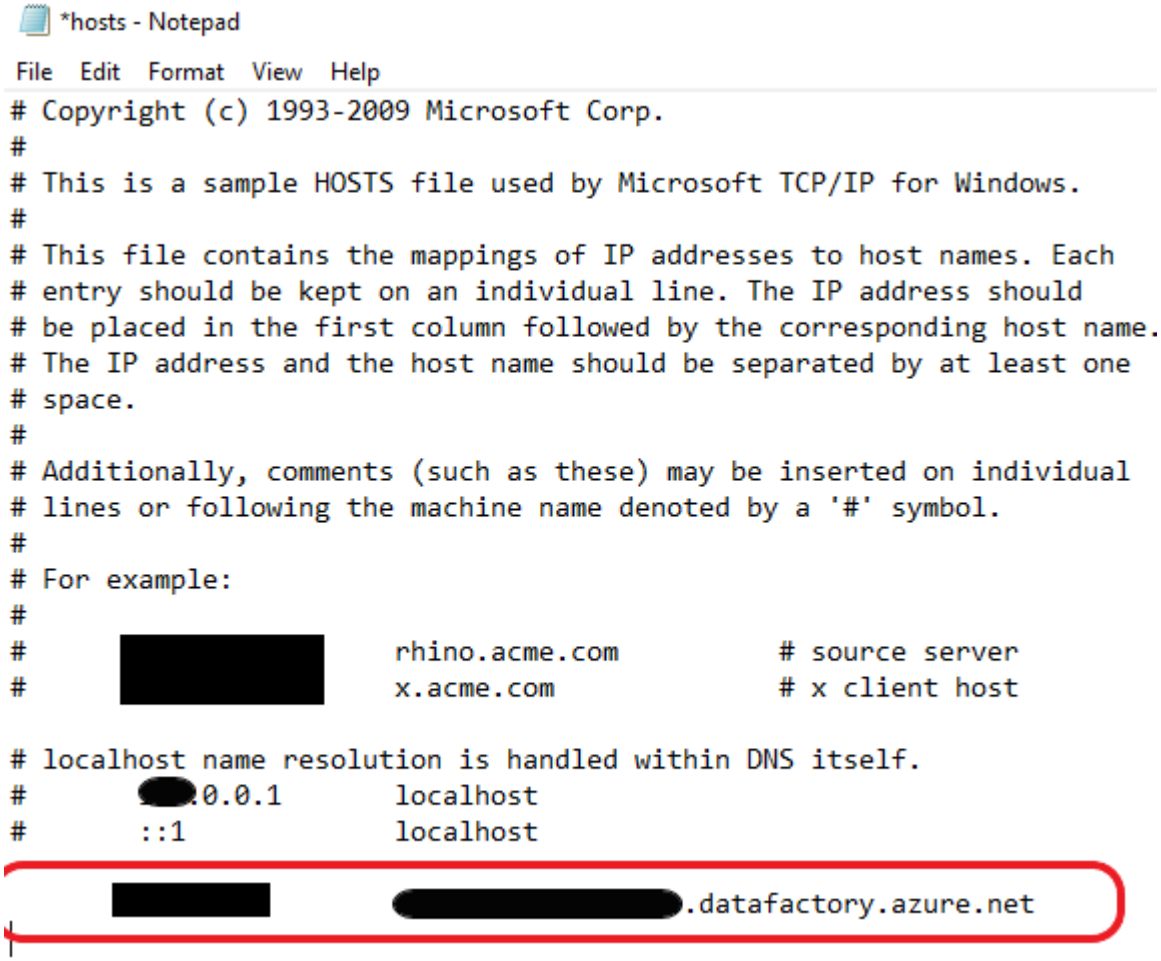
**Note:** App name "AzureDataFactory" will be for External customer and "AzureDataFactoryMSInternal" is for internal subscription.



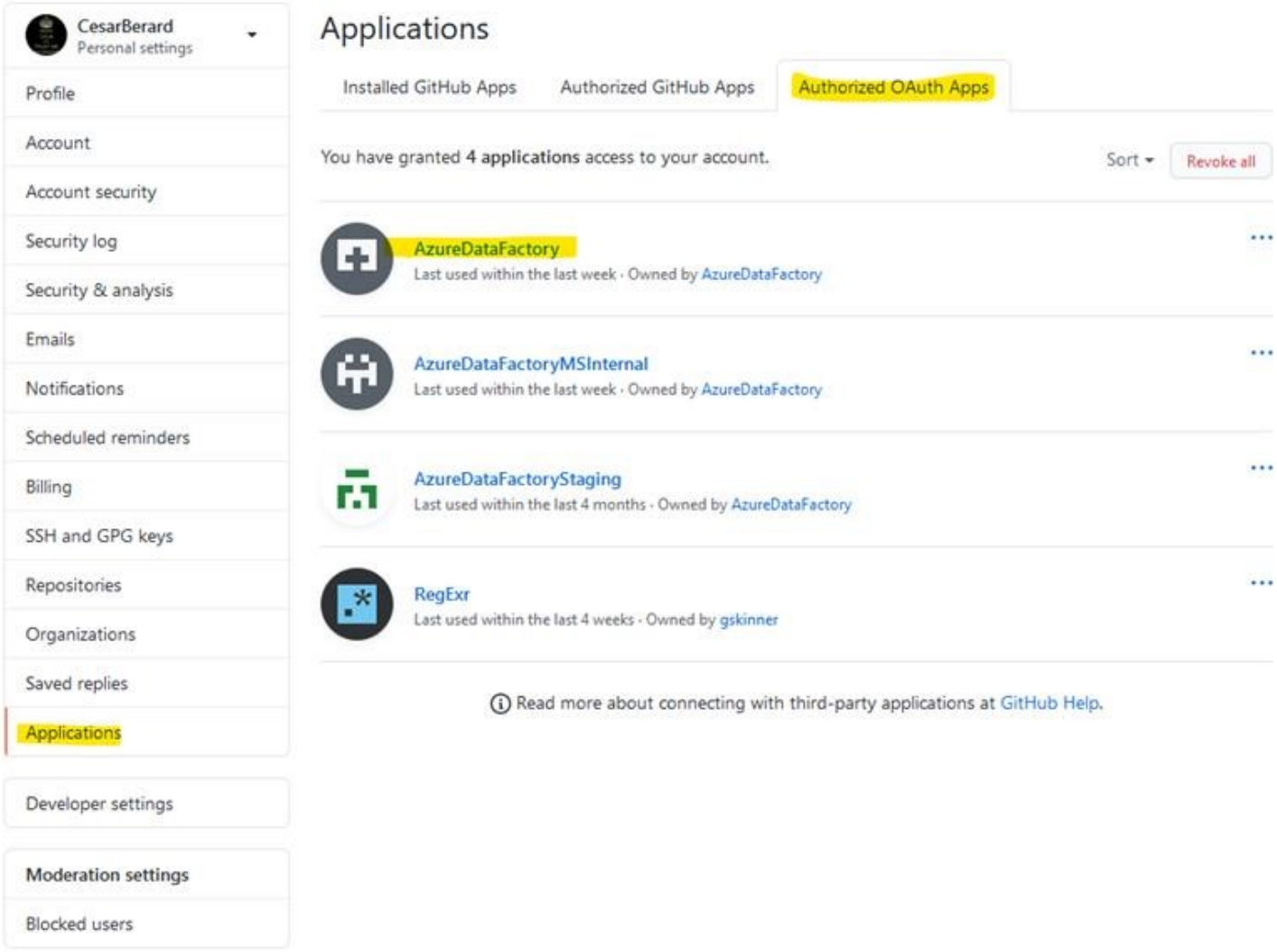

- Once the permission is granted and Authorized, the Data factory would be able to connect to a public or a private repo within an Organization.
- Incase Option A does not work, kindly clear browser cache and retry.

2. If the customer has already attempted to connect to GitHub and has only granted permission to access a personal account, Follow the below steps in GitHub to grant permission on the Organization.

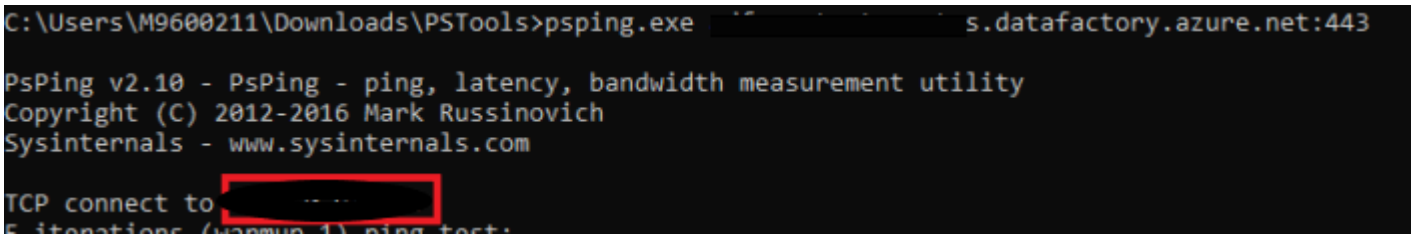
- Open user setting in GitHub.



- Under Setting, click on "Application" -> "Authorized OAuth Apps", where you can find "AzureDataFactory" or "AzureDataFactoryMSInternal" (based on internal or external customer"




- Click on the application, which will have the option to "Grant" permission to the Organization required.




- Once the permission is granted, Data factory would be able to connect to a public or a private repo within an Organization.

**Additional Information:**

- **Icm/SR References:**
- **Author:** v-manant, ceespino
- **Reviewer:** rakatuko
- **Keywords:**

## How good have you found this content?