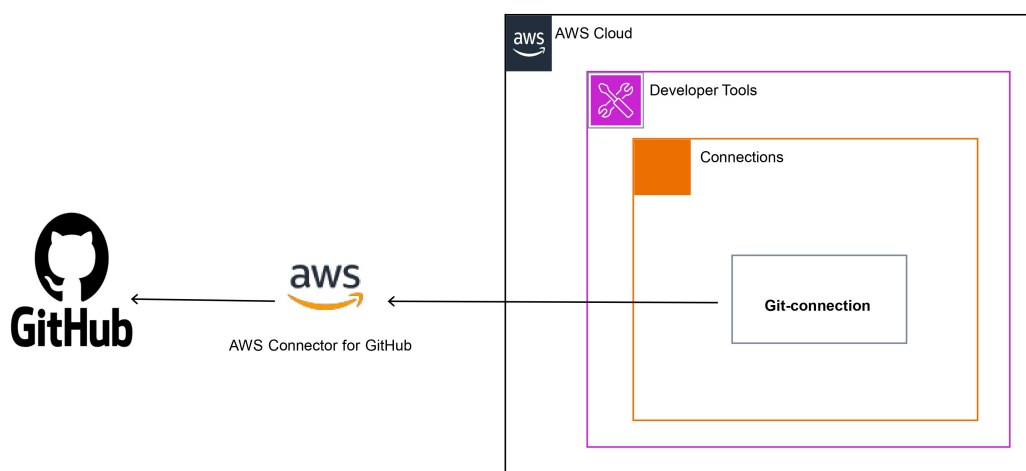


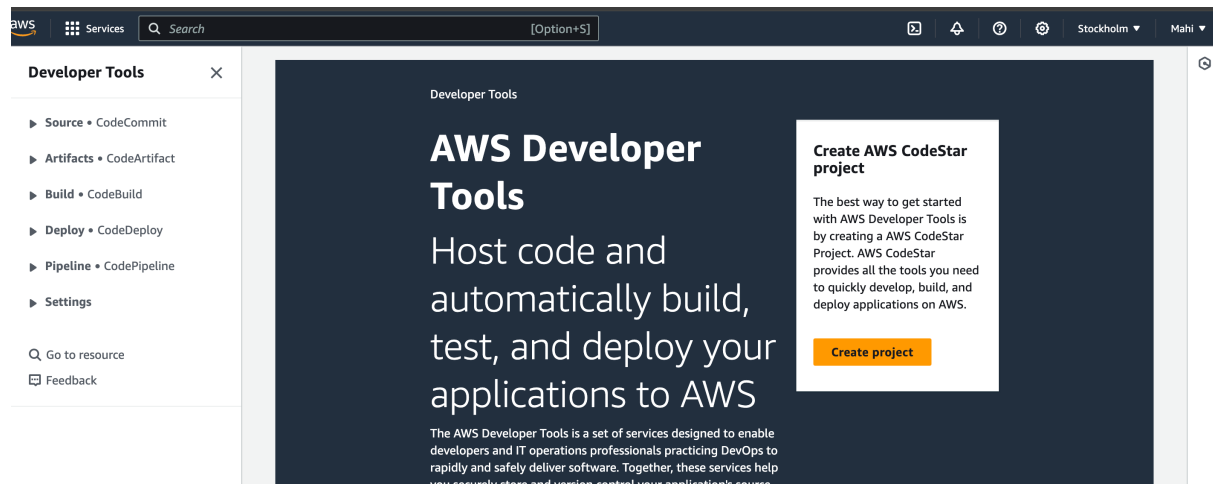
Step-by-Step Guide to Connecting AWS with GitHub for Automated Workflow



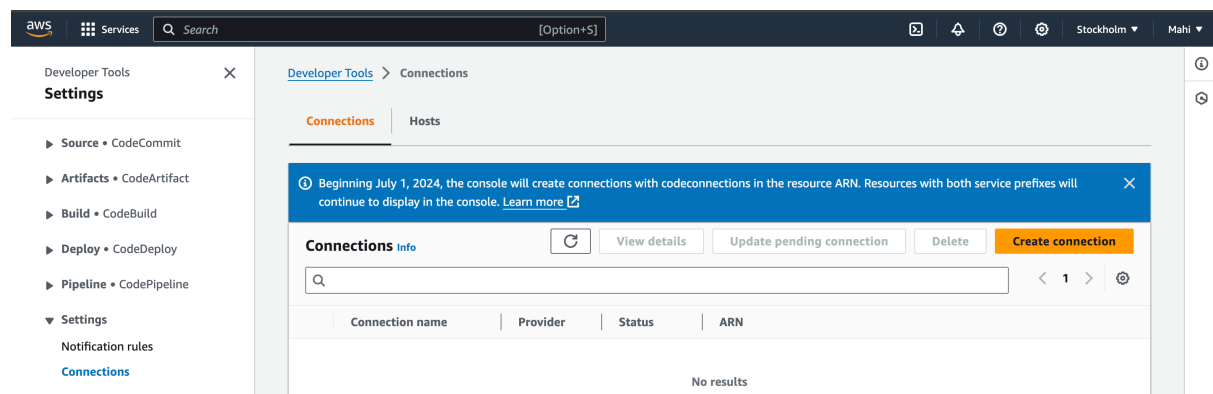
By
Mahendran Selvakumar

<https://devopstronaut.com/>

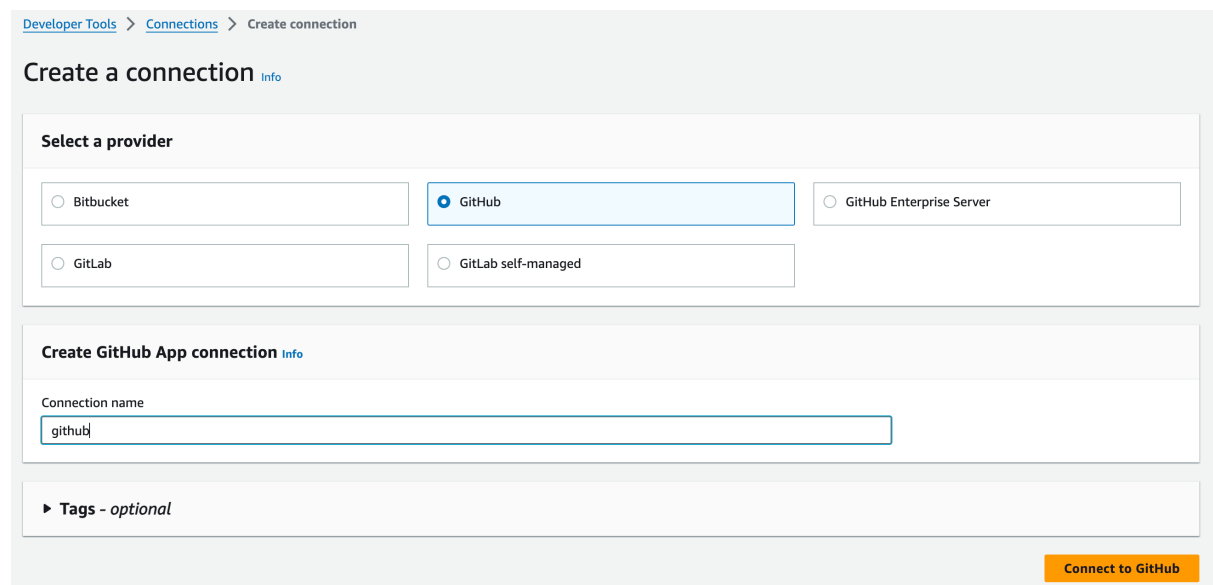
1. Go to AWS Developer Tools



2. Expand Settings, select 'Connections', and click 'Create connection'




3. Select 'GitHub' under Provider, provide the name as 'GitHub', and click 'Connect'



4. Provide your Github username and Password





Sign in to **GitHub**
to continue to **AWS Connector for
GitHub**

Username or email address

Password [Forgot password?](#)

Sign in

[Sign in with a passkey](#)
New to GitHub? [Create an account](#)

5. Verify your account using the device code



Device verification



Email

We just sent your authentication code via email to d*****@gmail.com. The code will expire at 2:58PM BST.

Device Verification Code

Verify

Having trouble verifying via email?

- [Re-send the authentication code](#)
- [Try GitHub Mobile for simplified device verification](#)

If you'd like to require verification on every sign in, consider enabling [two-factor authentication](#) on your account.

6. Authorize the AWS connector for GitHub



AWS Connector for GitHub by **Amazon Web Services** would like permission to:

 Verify your GitHub identity (devopstronaut)

 Know which resources you can access


 Act on your behalf
[? Learn more](#)


[Learn more about AWS Connector for GitHub](#)


Cancel

Authorize AWS Connector
for GitHub

Authorizing will redirect to
<https://redirect.codestar.aws>

 Not owned or
operated by GitHub

 Created
4 years ago

 More than 1K
GitHub users

7.click “Install a new app”

aws

Services

Search

[Option+S]

Stockholm

Mahi

Developer Tools > Connections > Create connection

Beginning July 1, 2024, the console will create connections with codeconnections in the resource ARN. Resources with both service prefixes will continue to display in the console. [Learn more](#)

Connect to GitHub

GitHub connection settings [Info](#)

Connection name

github

GitHub Apps

GitHub Apps create a link for your connection with GitHub. Install a new app and save this connection.

Q

or

Install a new app

Tags - optional

Connect

8. Click 'Install' on 'Install AWS Connector for GitHub'

<https://www.linkedin.com/in/mahendran-selvakumar-36444a77/>



Install AWS Connector for GitHub

Install on your personal account devopstronaut



for these repositories:

☒ **All repositories**

This applies to all future repositories owned by the resource owner.
Also includes public repositories (read-only).

with these permissions:

- ✓ **Read** access to issues and metadata
- ✓ **Read and write** access to administration, code, commit statuses, and pull requests

Install

[Cancel](#)

Next: you'll be directed to the GitHub App's site to complete setup.

9. Click "Connect"

Beginning July 1, 2024, the console will create connections with codeconnections in the resource ARN. Resources with both service prefixes will continue to display in the console. [Learn more](#)

Connect to GitHub

GitHub connection settings [Info](#)

Connection name

GitHub Apps

GitHub Apps create a link for your connection with GitHub. Install a new app and save this connection.



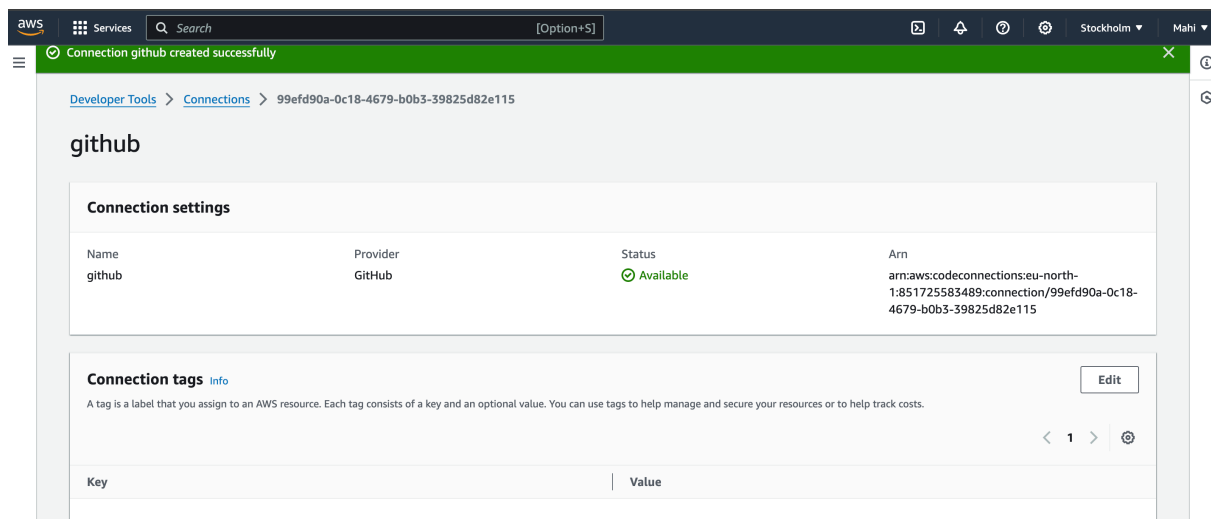
or

[Install a new app](#)

► **Tags - optional**

[Connect](#)

10. The connection to GitHub has been created



Connection github created successfully

Developer Tools > Connections > 99efd90a-0c18-4679-b0b3-39825d82e115

github

Connection settings			
Name	Provider	Status	Arn
github	GitHub	Available	arn:aws:codeconnections:eu-north-1:851725583489:connection/99efd90a-0c18-4679-b0b3-39825d82e115

Connection tags [Info](#) [Edit](#)

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to help manage and secure your resources or to help track costs.

Key	Value

11. Validate the connection

aws Services Search [Option+S]

Developer Tools Settings

- Source • CodeCommit
- Artifacts • CodeArtifact
- Build • CodeBuild
- Deploy • CodeDeploy
- Pipeline • CodePipeline
- Settings
 - Notification rules
 - Connections**

Go to resource Feedback

Developer Tools > Connections

Connections Hosts

Beginning July 1, 2024, the console will create connections with codeconnections in the resource ARN. Resources with both service prefixes will continue to display in the console. [Learn more](#)

Connections Info

View details Update pending connection Delete Create connection

Search

	Connection name	Provider	Status	ARN
<input type="radio"/>	github	GitHub	Available	arn:aws:codeconnections:eu-north-1:851725583489:connection/99efd90a-0c18-4679-b0b3-39825d82e115

12. Validate the GitHub connection in the AWS Pipeline source

Developer Tools > CodePipeline > Pipelines > Create new pipeline

Step 1 Choose pipeline settings

Step 2 **Add source stage**

Step 3 Add build stage

Step 4 Add deploy stage

Step 5 Review

Add source stage Info

Step 2 of 5

Source

Source provider
This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details.

GitHub (Version 2)

New GitHub version 2 (app-based) action
To add a GitHub version 2 action in CodePipeline, you create a connection, which uses GitHub Apps to access your repository. Use the options below to choose an existing connection or create a new one. [Learn more](#)

Connection
Choose an existing connection that you have already configured, or create a new one and then return to this task.

Search or **Connect to GitHub**

github
arn:aws:codeconnections:eu-north-1:851725583489:connection/99efd90a-0c18-4679-b0b3-39825d82e115

Your GitHub connection is ready for use.

Repository name
Choose a repository in your GitHub account.

Search

Keep Learning, Keep Deploying!!!

Feel free to reach out to me, if you have any other queries or suggestions

Stay connected on LinkedIn <https://www.linkedin.com/in/mahendran-selvakumar-36444a77/>

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