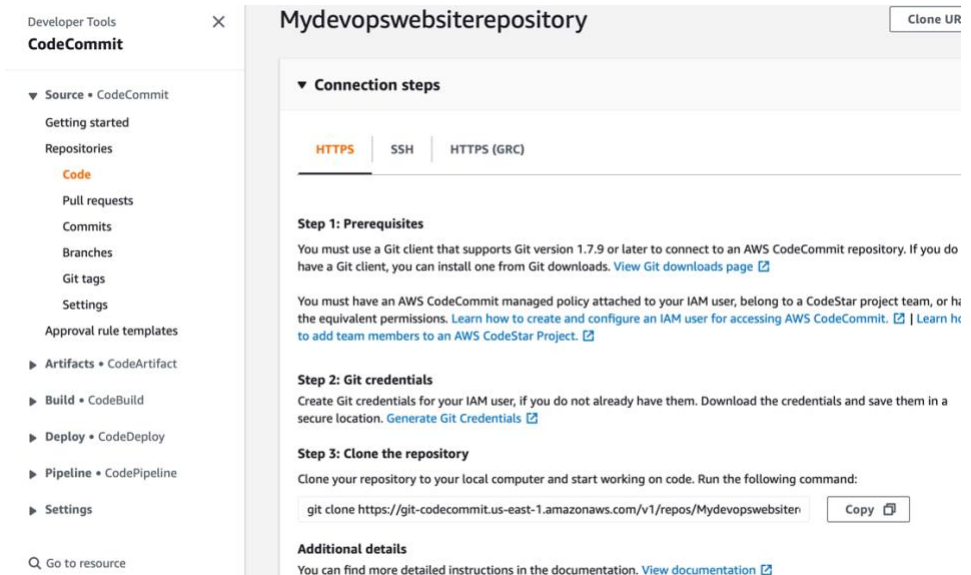


## Task 1: CI/CD Pipeline for Deploying a Static Website on Amazon S3 using CodePipeline

### Create a CodeCommit Repository



Developer Tools  
**CodeCommit**

- Source • CodeCommit
  - Getting started
  - Repositories
  - Code**
  - Pull requests
  - Commits
  - Branches
  - Git tags
  - Settings
  - Approval rule templates
- Artifacts • CodeArtifact
- Build • CodeBuild
- Deploy • CodeDeploy
- Pipeline • CodePipeline
- Settings

Go to resource

### Mydevopswebsiterepository

Clone URL

#### Connection steps

HTTPS | SSH | HTTPS (GRC)

##### Step 1: Prerequisites

You must use a Git client that supports Git version 1.7.9 or later to connect to an AWS CodeCommit repository. If you do not have a Git client, you can install one from [Git downloads page](#).

You must have an AWS CodeCommit managed policy attached to your IAM user, belong to a CodeStar project team, or have the equivalent permissions. [Learn how to create and configure an IAM user for accessing AWS CodeCommit.](#) | [Learn how to add team members to an AWS CodeStar Project.](#)

##### Step 2: Git credentials

Create Git credentials for your IAM user, if you do not already have them. Download the credentials and save them in a secure location. [Generate Git Credentials](#)

##### Step 3: Clone the repository

Clone your repository to your local computer and start working on code. Run the following command:

```
git clone https://git-codecommit.us-east-1.amazonaws.com/v1/repos/Mydevopswebsiterepository
```

Copy

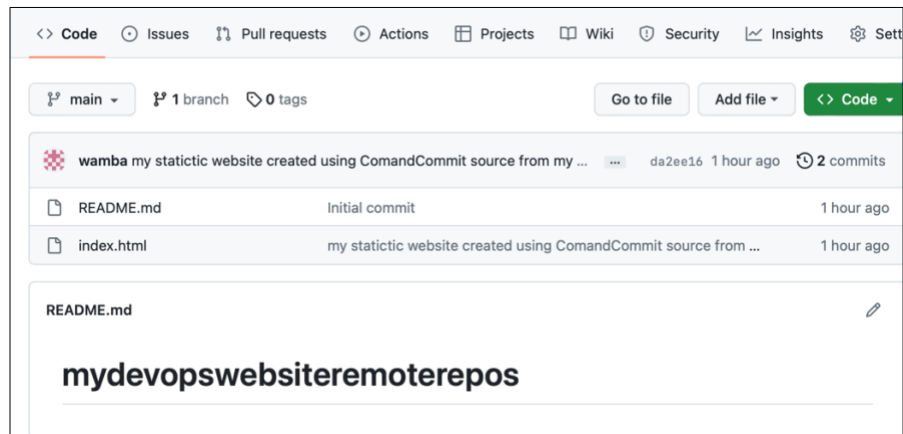
##### Additional details

You can find more detailed instructions in the documentation. [View documentation](#)

### Deploy mystatic website manually through CodeCommit and test it



Source My static website from my GITHUB account and deploy it on s3



**Add source stage**

Step 3  
Add build stage

Step 4  
Add deploy stage

Step 5  
Review

**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.

arn:aws:codestar-connections:us-east-1:208009137289:connection/a469f00f or [Connect to GitHub](#)

**Ready to connect**  
Your GitHub connection is ready for use.

**Repository name**  
Choose a repository in your GitHub account.

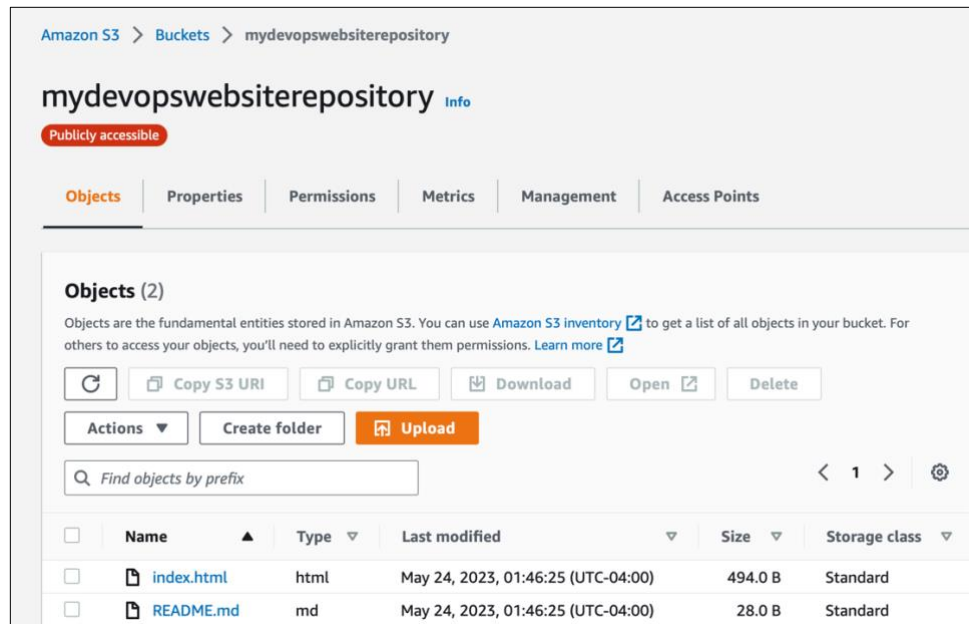
EMIREINE/mydevopswebsiteremoterepos

<account>/<repository-name>

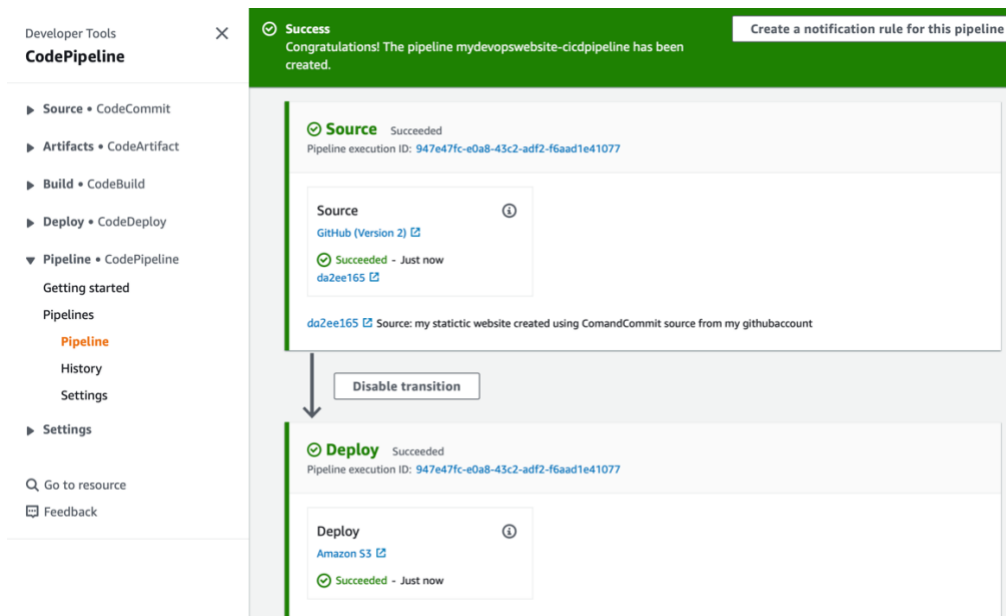
**Branch name**  
Choose a branch of the repository.

main

[Change detection options](#)



## Deployment and verification



Making change from the source stage and verify

Developer Tools

CodePipeline

► Source • CodeCommit

► Artifacts • CodeArtifact

► Build • CodeBuild

► Deploy • CodeDeploy

▼ Pipeline • CodePipeline

Getting started

Pipelines

Pipeline

History

Settings

► Settings

Q Go to resource

Feedback

Success

Congratulations! The pipeline mydevopswebsite-cicdpipeline has been created.

Create a notification rule for this pipeline

Source

Succeeded

Pipeline execution ID: a8bff827-1d6b-4690-8eb1-ae296c078b0

Source

GitHub (Version 2)

Succeeded - Just now

8f15e127

8f15e127 Source: my customized staticwebsite with my favorite color

Disable transition

Deploy

Succeeded

Pipeline execution ID: a8bff827-1d6b-4690-8eb1-ae296c078b0

Deploy

Amazon S3

Succeeded - Just now

PropertiesPermissionsVersions

Object overview

Owner

emireinele7

AWS Region

US East (N. Virginia) us-east-1

Last modified

May 24, 2023, 01:46:25 (UTC-04:00)

Size

494.0 B

Type

html

Key

index.html

S3 URI

s3://mydevopswebsiterepository/index.html

Amazon Resource Name (ARN)

arn:aws:s3:::mydevopswebsiterepository/index.html

Entity tag (Etag)

0179cd3d06af85020028ff98a4468d53

Object URL Copied

https://mydevopswebsiterepository.s3.amazonaws.com/index.html

Object management overview

The following bucket properties and object management configurations impact the behavior of this object.

