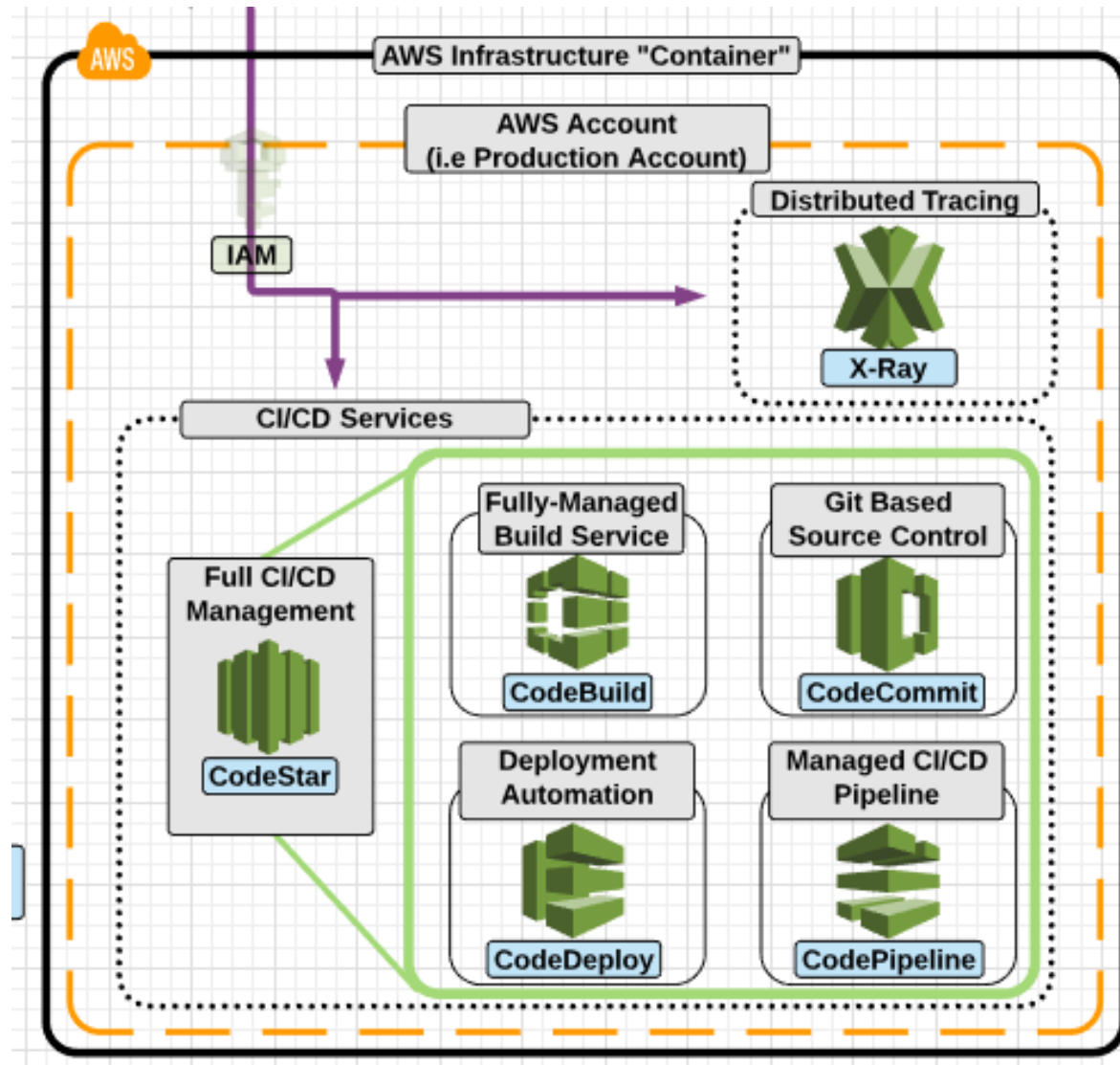


AWS - CodeCommit

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- Create secure repositories for sharing your code in the cloud.
- AWS CodeCommit is a managed, secure, and scalable source control service that hosts private Git repositories.
- Benefits of CodeCommit:
 - Fully managed by Aws
 - Stored encrypted and secured in AWS
 - Collaborate on Code
 - No limits on file types or the size of your repositories
 - Integrate with other AWS services
 - Migrate to CodeCommit from other git repositories
 - Use the same git workflows you are familiar with

Create your own private Code Repo

 Services ▾ Resource Groups ▾ 

Create repository

Create a secure repository to store and share your code. Begin by typing a repository name and a description for your repository. Repository names are included in the URLs for that repository.

 **Access to the repository**
Users connecting to an AWS CodeCommit repository for the first time must complete setup steps before they can use it. [Learn more](#)

Repository name*

100 character limit

Description

1000 character limit

*Required

Cancel

Create repository

Add required things and click on Save and continue

Configure email notifications



Congratulations! The repository firstSampleProject has been created.



An Amazon CloudWatch Event rule will be created for your repository in your AWS account. Choose the repository event types for this rule. Then choose the Amazon SNS topic that will send email notifications in response to this rule, or create a topic for this purpose.

Event types



Pull request update events

Notify subscribers when a pull request is created, updated, or closed.



Pull request comment events

Notify subscribers when someone comments on a pull request.



Commit comment events

Notify subscribers when comments and replies are added to commits.

SNS topic

Choose topic



or

Create SNS topic

Skip

Save

Configure the Repo Type

Connect to your repository

You are signed in using a root account. You cannot configure SSH connections for a root account, and HTTPS connections for a root account are not recommended. Consider signing in as an [IAM user](#) and then setting up your connection. [Learn more](#)

Add files or connect to your repository

Add files from the console

You can use the AWS CodeCommit console to quickly add a file to your repository, either by [creating it in an editor](#), or by [uploading a file](#) from your computer.

Add files with Git

You can connect to your repository from your local computer and use a Git client to pull and push files between your computer and AWS CodeCommit. Choose the connection type and follow the instructions to clone your repository to your local computer.

Connection type ☒ HTTPS
☐ SSH

Click on “Close”

Operating system ☐ Linux, MacOS, or Unix
☒ Windows

Prerequisites

1. Install Git (1.7.9 or later supported) [without the Git Credential Manager](#) utility. If you don't have Git installed, [install it now](#).
2. Install the [AWS CLI](#).
3. At the command line, type `aws configure` and [configure the AWS CLI](#) with your [IAM user access key and secret key](#).
4. Attach an appropriate [AWS CodeCommit managed policy](#) to the IAM user. [Learn more](#)

Steps to clone your repository

1. At the command line, paste the following commands:

```
git config --global credential.helper "!aws codecommit credential-helper $@"  
git config --global credential.UseHttpPath true
```



2. Clone your repository to your local computer and start working on code:

```
git clone https://git-codecommit.ap-south-1.amazonaws.com/v1/repos/firstSampleProject
```



[I want more detailed instructions](#)

Close

Create a file and cross check the Git functionality

The screenshot displays the AWS CodeCommit console interface. At the top, the AWS logo is on the left, and 'Services' and 'Resource Groups' are on the right. Below this, the 'AWS CodeCommit' logo is on the left, and 'firstSampleProject' is on the right. A left-hand navigation menu includes 'Code' (highlighted with an orange bar), 'Pull requests', 'Commits', 'Visualizer', 'Compare', 'Branches', 'Tags', and 'Settings'. The main content area is titled 'Code' and shows 'My First Private AWS CodeCommit Repository'. It features three buttons: 'Branch: master' (with a dropdown arrow), 'Create pull request', and 'Add file' (with a dropdown arrow). Below these buttons, a section titled 'firstSampleProject' contains a file icon and the text 'README.md'. A horizontal line separates this from a larger section below, which has a header 'README.md' and a body containing the text 'First Sample File'.

Thank you so much!