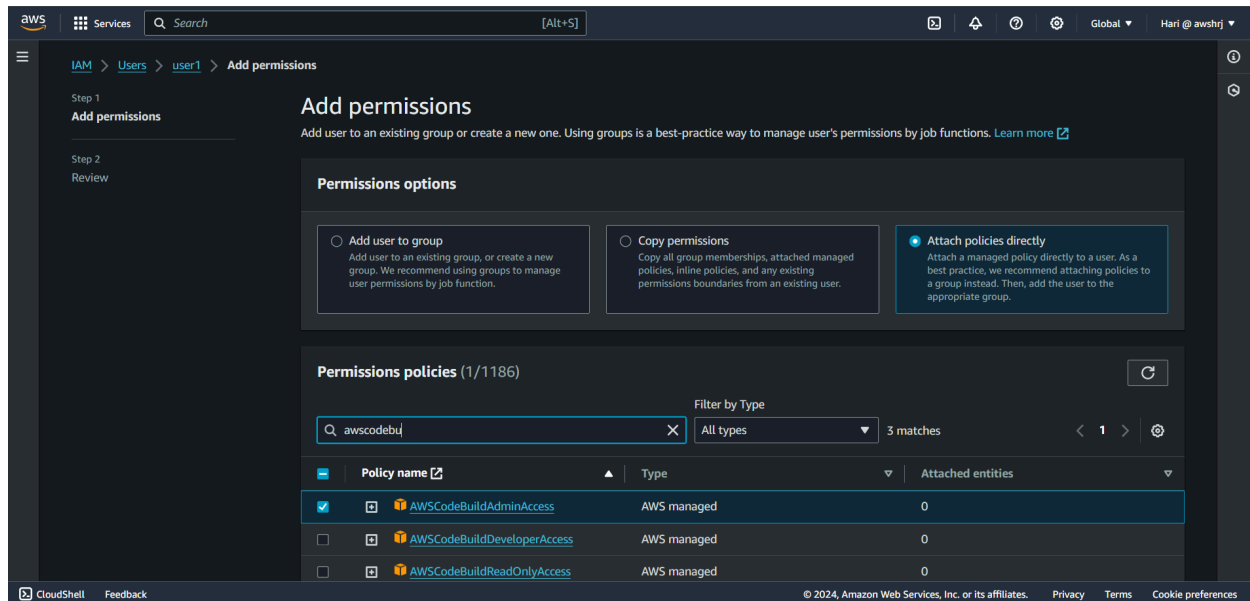
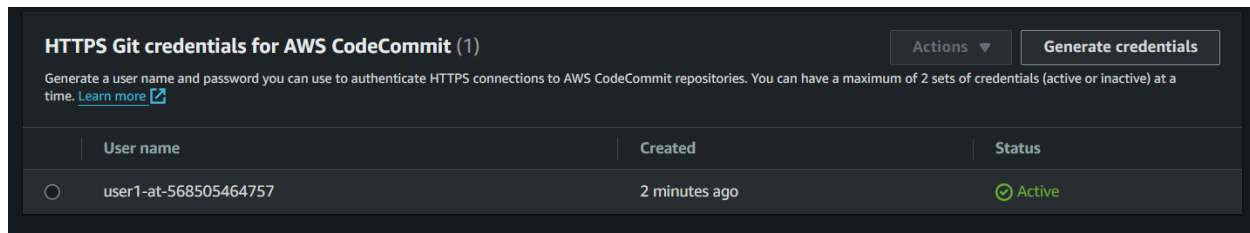


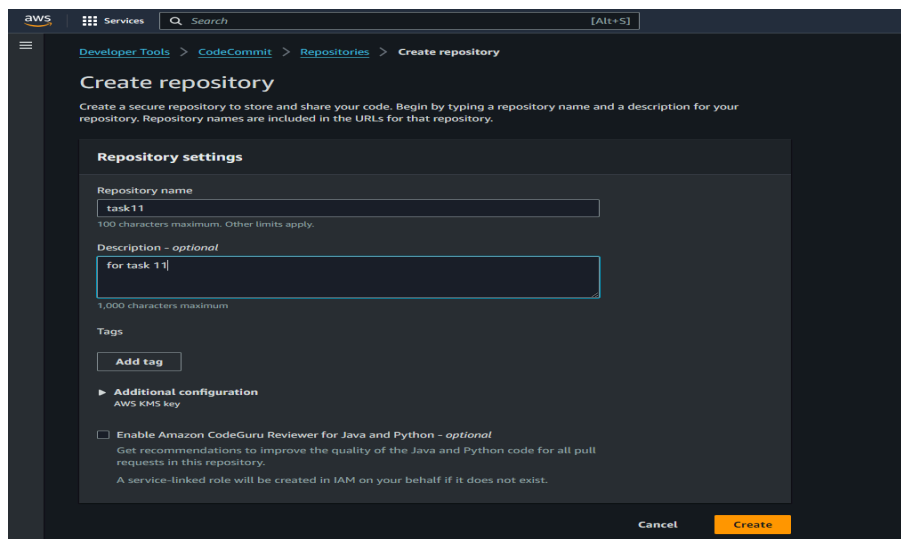
Create IAM user with AWSCodeBuildAdminAccess permission



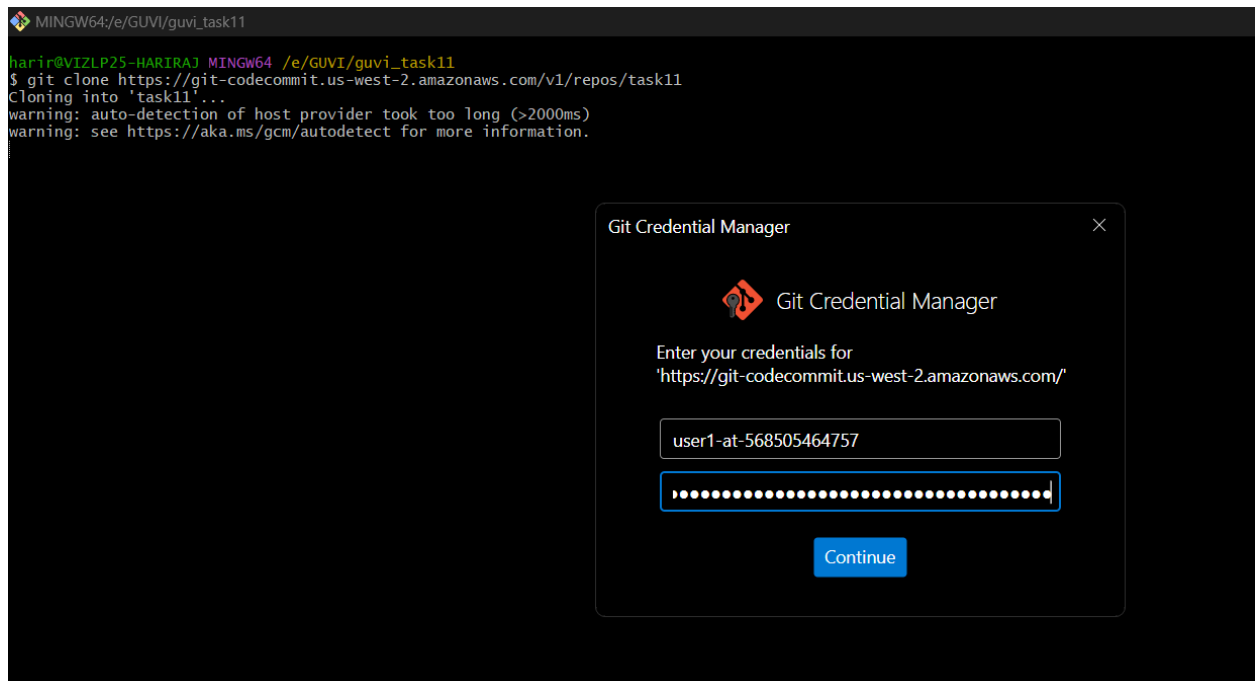
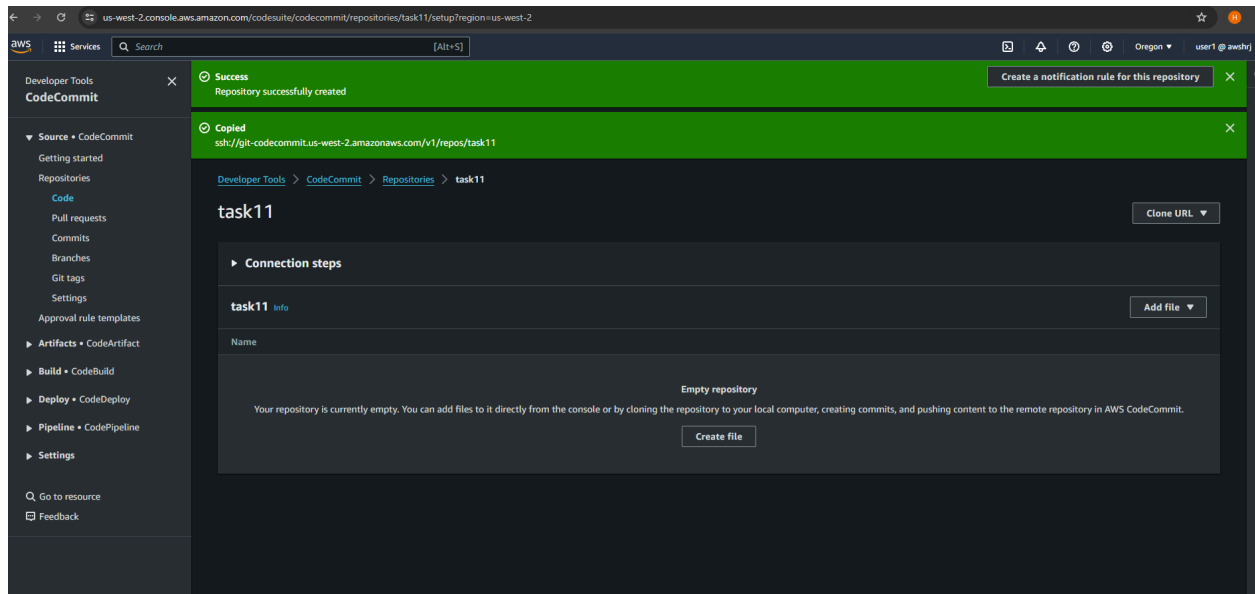
Generate HTTPS Git credentials for AWS CodeCommit



Create repo



Clone repo to local



Creating files in local and push to repo

```
harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11
$ git clone https://git-codecommit.us-west-2.amazonaws.com/v1/repos/task11
Cloning into 'task11'...
warning: auto-detection of host provider took too long (>2000ms)
warning: see https://aka.ms/gcm/autodetect for more information.
warning: auto-detection of host provider took too long (>2000ms)
warning: see https://aka.ms/gcm/autodetect for more information.
warning: You appear to have cloned an empty repository.

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11
$ ll
total 0
drwxr-xr-x 1 harir 197609 0 Apr 16 17:12 task11/

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11
$ nano index.js

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11
$ git status
fatal: not a git repository (or any of the parent directories): .git

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11
$ cd task11/

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11/task11 (master)
$ nano index.js

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11/task11 (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.js

nothing added to commit but untracked files present (use "git add" to track)

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11/task11 (master)
$ git add .

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11/task11 (master)
$ git commit -m "sample script"
[master (root-commit) 603357a] sample script
1 file changed, 15 insertions(+)
create mode 100644 index.js

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11/task11 (master)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 438 bytes | 438.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Validating objects: 100%
To https://git-codecommit.us-west-2.amazonaws.com/v1/repos/task11
 * [new branch]      master -> master

harir@VIZLP25-HARIRAJ MINGW64 /e/GUVI/guvi_task11/task11 (master)
$ ..
```

Create build project



Create build project

Project configuration

Project name

task11

A project name must be 2 to 255 characters. It can include the letters A-Z and a-z, the numbers 0-9, and the special characters - and _.

Additional configuration

Description, Build badge, Concurrent build limit, tags

Source

Add source

Source 1 - Primary

Source provider

AWS CodeCommit

Repository

task11

Reference type

Choose the source version reference type that contains your source code.

☒ Branch

☐ Git tag

☐ Commit ID

Branch

Choose a branch that contains the code to build.

master

Commit ID - optional

Choose a commit ID. This can shorten the duration of your build.

Source version info

refs/heads/master

ea7cd490 adding package.json

Additional configuration

Git clone depth, Git submodules

Environment

Provisioning model info

☒ On-demand

Automatically provision build infrastructure in response to new builds.

☐ Reserved capacity

Use a dedicated fleet of instances for builds. A fleet's compute and environment type will be used for the project.

Environment image

☒ Managed image

Use an image managed by AWS CodeBuild.

☐ Custom image

Specify a Docker image.

Compute

☒ EC2

Optimized for flexibility during action runs.

☐ Lambda

Optimized for speed and minimizes the start up time of workflow actions.

Operating system

Amazon Linux

Runtime(s)

Standard

Image

aws/codebuild/amazonlinux2-x86_64-standard:5.0

Image version

Always use the latest image for this runtime version

☐ Use GPU-enhanced compute

Service role

☐ New service role

Create a service role in your account.

☒ Existing service role

Choose an existing service role from your account.

Role ARN

arn:aws:iam::568505464757:role/service-role/codebuild-tas-service-role

☒ Allow AWS CodeBuild to modify this service role so it can be used with this build project

Report auto-discover info

☒ Enable this flag to search build files for supported report file types and generate reports

Auto-discover directory - optional

/**

CodeBuild will search for supported report file types in this directory. "/" by default.

Additional configuration

Timeout, privileged, certificate, VPC, compute type, environment variables, file systems

Buildspec

Build specifications

☐ Insert build commands

Store build commands as build project configuration.

☒ Use a buildspec file

Store build commands in a YAML-formatted buildspec file.

Buildspec name - optional

By default, CodeBuild looks for a file named buildspec.yml in the source code root directory. If your buildspec file uses a different name or location, enter its path from the source root here (for example, buildspec-two.yml or configuration/buildspec.yml).

buildspec.yml

Batch configuration

You can run a group of builds as a single execution. Batch configuration is also available in advanced option when starting build.

☐ Define batch configuration - optional

You can also define or override batch configuration when starting a build batch.

Artifacts

Add artifact

Artifact 1 - Primary

Type

No artifacts

You might choose no artifacts if you are running tests or pushing a Docker image to Amazon ECR.

Additional configuration

Cache, encryption key

Logs

CloudWatch

☒ CloudWatch logs - optional

Checking this option will upload build output logs to CloudWatch.

Group name - optional

Create new pipeline



[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

Review

Step 5 of 5

Step 1: Choose pipeline settings

Pipeline settings

Pipeline name

codeple_task11

Pipeline type

V2

Execution mode

QUEUED

Artifact location

A new Amazon S3 bucket will be created as the default artifact store for your pipeline

Service role name

task11_pipeline

Variables

Name	Default value	Description
No variables		
No variables defined at the pipeline level in this pipeline.		

Step 2: Add source stage

Source action provider

Source action provider

AWS CodeCommit

RepositoryName

task11

Default branch

master

PollForSourceChanges

false

OutputArtifactFormat

CODE_ZIP

Step 3: Add build stage

Build action provider

Build action provider

AWS CodeBuild

ProjectName

task11

Step 4: Add deploy stage

Deploy action provider

Deployment stage

No deploy

Cancel Previous Create pipeline

Code building

Developer Tools

CodeBuild

Source • CodeCommit

Artifacts • CodeArtifact

Build • CodeBuild

Getting started

Build projects

Build project

Settings

Build history

Report groups

Report history

Compute fleets

Account metrics

Related integrations

Jenkins

GitHub Actions

Deploy • CodeDeploy

Pipeline • CodePipeline

Settings

Go to resource

Feedback

Developer Tools > CodeBuild > Build projects > task11

Actions

Create trigger

Edit

Debug build

Start build with overrides

Start build

task11

Configuration

Source provider
AWS CodeCommit

Primary repository
task11

Artifacts upload location
-

Service role
arn:aws:iam::568505464757:role/service-role/codebuild-tas-service-role

Public builds
Disabled

Build history

Batch history

Project details

Build triggers

Metrics

Build history

Stop build

View artifacts

View logs

Delete builds

Retry build

< 1 > ⌕

	Build run	Status	Build number	Source version	Submitter	Duration	Completed
<input type="checkbox"/>	task11:9e799ed1-de1d-4581-888d-46dc275aaw30	In progress	2	arn:aws:s3::codepipeline-us-west-2-7330201720083:codepipeline_task11/SourceArt1/YTCZodq	codepipeline/codepipe_task11	22 seconds	-
<input type="checkbox"/>	task11:7db21e7b-d465-48b4-ab61-ebd8b976e9fe	Failed	1	arn:aws:s3::codepipeline-us-west-2-7330201720083:codepipeline_task11/SourceArt1/Xa1URDX	codepipeline/codepipe_task11	2 minutes 11 seconds	Just now