

CodeBuild

CodeBuild: Overview

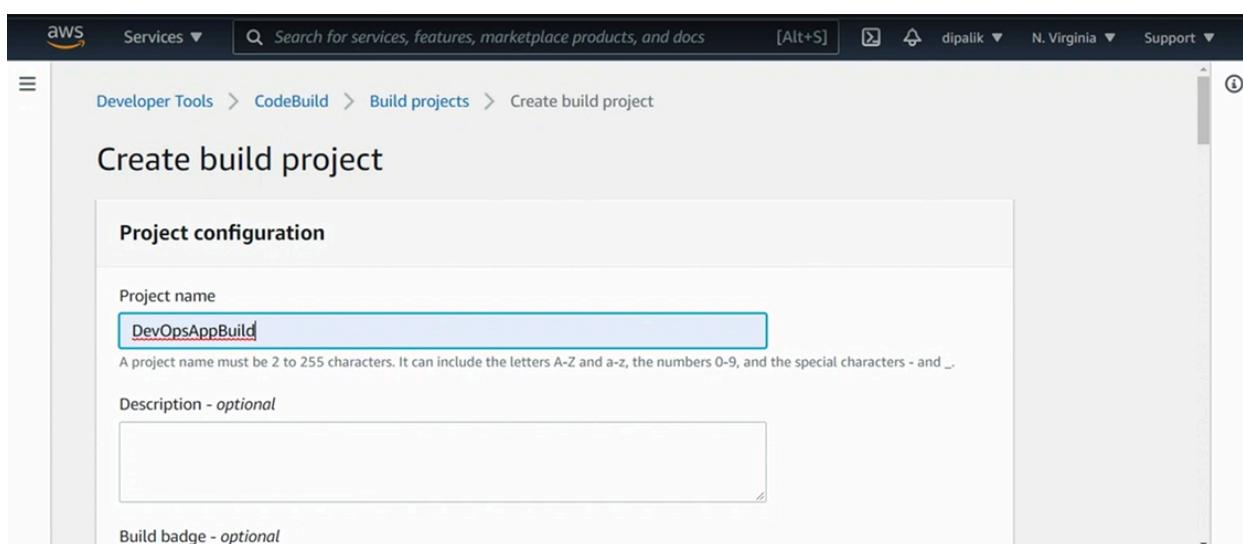
- Fully managed build service
- Serverless
- Continuous scaling
- Leverages Docker
- Pay as you go
- Supports custom Docker images
- Secure

CodeBuild: Overview

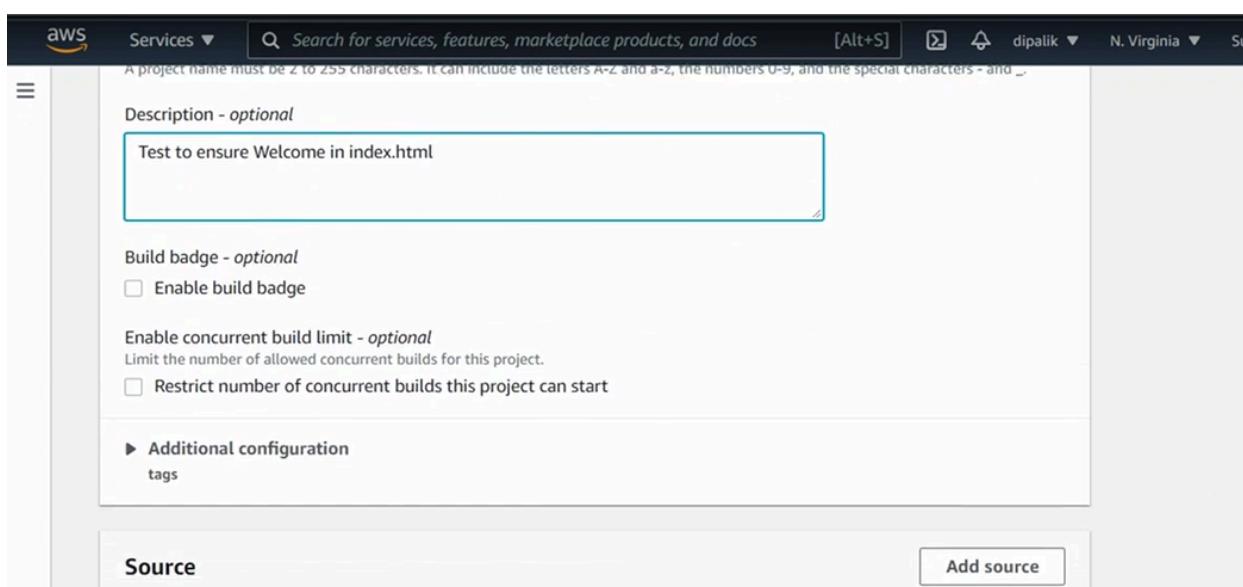
- Source code from GitHub, CodeCommit, CodePipeline, S3, etc.
- Build instructions (buildspec.yml file)
- Build logs in to Amazon S3 and Amazon CloudWatch Logs
- CloudWatch metrics for build statistics
- CloudWatch Events to detect failed builds
- CloudWatch alarms and SNS notifications



The screenshot shows the AWS CodeBuild landing page. The left sidebar is titled "Developer Tools" and contains a "CodeBuild" section with the following items: "Source" (CodeCommit), "Artifacts" (CodeArtifact), "Build" (CodeBuild), "Getting started", "Build projects", "Build history", "Report groups", "Report history", and "Account metrics". The main content area has a title "AWS CodeBuild" and a subtitle "Build and test code with elastic scaling. Pay only for the build time you use." Below the subtitle is a description: "AWS CodeBuild is a fully managed continuous integration service that compiles source code, runs tests, and produces software packages that are ready to deploy. With CodeBuild, you don't need to provision, manage, and scale". To the right, there is a call-to-action box with the heading "Create AWS CodeBuild project", a sub-description "Get started with AWS CodeBuild by creating your first build project.", and a "Create project" button.



The screenshot shows the "Create build project" step 1. The top navigation bar includes "Services", a search bar, and account information. The breadcrumb path is "Developer Tools > CodeBuild > Build projects > Create build project". The main form is titled "Project configuration" and has a "Project name" field containing "DevOpsAppBuild". A note below the field states: "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 _." There are also "Description - optional" and "Build badge - optional" fields, both of which are currently empty.



The screenshot shows the "Create build project" step 2. The top navigation bar includes "Services", a search bar, and account information. The breadcrumb path is "Developer Tools > CodeBuild > Build projects > Create build project". The main form continues from the previous step, showing the "Description" field with "Test to ensure Welcome in index.html" and the "Build badge" section with the "Enable build badge" checkbox checked. Below these are sections for "Enable concurrent build limit" (checkbox checked) and "Additional configuration" (tags). At the bottom, there is a "Source" section with an "Add source" button.

▶ Additional configuration
tags

No source

Amazon S3

AWS CodeCommit

GitHub

Bitbucket

GitHub Enterprise

AWS CodeCommit

Add source

Repository

Q

▶ Additional configuration
Git clone depth, Git submodules

Source 1 - Primary

Source provider

AWS CodeCommit

Repository

Q cicd-repo X

Reference type

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

Branch

Git tag

Commit ID

▶ Additional configuration
Git clone depth, Git submodules

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.

Commit ID - optional

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

Source version [Info](#)

[e433c6c3](#) revised index to v3

► Additional configuration

Git clone depth, Git submodules

Managed image

Use an image managed by AWS CodeBuild

Custom image

Specify a Docker image

Operating system

i The programming language runtimes are now included in the standard image of Ubuntu 18.04, which is recommended for new CodeBuild projects created in the console. See [Docker Images Provided by CodeBuild](#) for details [↗](#).

Runtime(s)

Privileged

Enable this flag if you want to build Docker images or want your builds to get elevated privileges

Service role

The programming language runtimes are now included in the standard image of Ubuntu 18.04, which is recommended for new CodeBuild projects created in the console. See [Docker Images Provided by CodeBuild for details](#).

Runtime(s)
Standard

Image

aws/codebuild/amazonlinux2-aarch64-standard:1.0
aws/codebuild/amazonlinux2-aarch64-standard:2.0
aws/codebuild/amazonlinux2-x86_64-standard:2.0
aws/codebuild/amazonlinux2-x86_64-standard:3.0

NEW service role aws/codebuild/amazonlinux2-x86_64-standard:3.0 Existing service role
Create a service role in your account Choose an existing service role from your account

Services ▾ Search for services, features, marketplace products, and docs [Alt+S] dipalik N. Virginia Support ▾

Feedback English (US) ▾ Privacy Policy Terms of Use

Linux

Privileged
 Enable this flag if you want to build Docker images or want your builds to get elevated privileges

Service role
 New service role Create a service role in your account Existing service role Choose an existing service role from your account

Role name
codebuild-DevOpsAppBuild-service-role
Type your service role name

► Additional configuration
Timeout, certificate, VPC, compute type, environment variables, file systems

▼ Additional configuration

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

Timeout

Default timeout is 1 hour

Hours	Minutes
1	0

Timeout must be between 5 minutes and 8 hours

Queued timeout

Default time in build queue is 8 hours

Hours	Minutes
8	0

Timeout must be between 5 minutes and 8 hours

Certificate

If you have a self-signed certificate or a certificate signed by a certification authority, choose the option to install it from your S3 bucket.

<input checked="" type="radio"/> Do not install any certificate	<input type="radio"/> Install certificate from your S3 bucket
---	---

English (US) ▾ Privacy Policy Terms of Use Cookie preferences

Add file system

Buildspec

Build specifications

<input checked="" type="radio"/> Use a buildspec file Store build commands in a YAML-formatted buildspec file	<input type="radio"/> Insert build commands Store build commands as build project configuration
---	---

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).

Batch configuration

Artifacts

[Add artifact](#)

Artifact 1 - Primary

Type

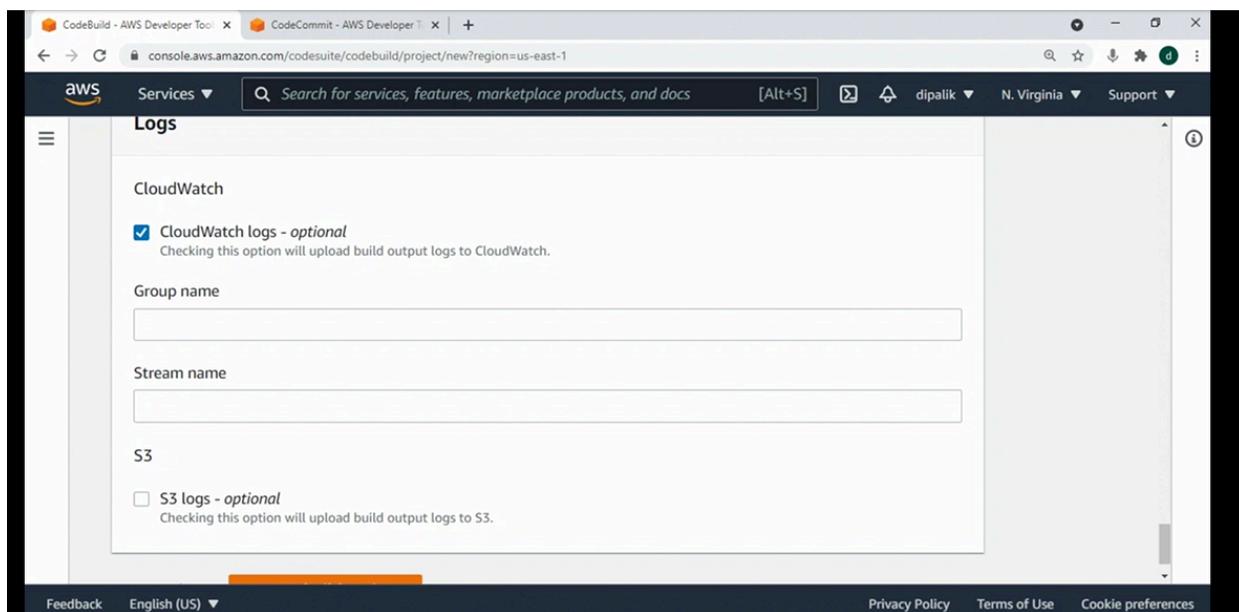
No artifacts

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



The screenshot shows the AWS CodeBuild console with a green header bar indicating a "Project created" message: "You have successfully created the following project: DevOpsAppBuild". Below the header, there's a "Start build" button highlighted with a yellow oval. The main area displays the configuration for the "DevOpsAppBuild" project, including the source provider (AWS CodeCommit) and primary repository (cicd-repo).

When you click Start Build, a docker container will be started by CodeBuild.

The screenshot shows the AWS CodeBuild console with a green header bar indicating a "Build started" message: "You have successfully started the following build: DevOpsAppBuild:29c9fea2-aac3-4293-89a7-a885b69ecaf1". Below the header, the "Build status" section shows the build is "In progress". The table provides details about the build, including the resolved source version (e433c6c30bbc3573cf1990d06 d6067ec06475083), start time (Apr 25, 2021 9:17 PM (UTC+5:30)), and build number (1). The ARN of the build is also listed: arn:aws:codebuild:us-east-1:167771397877:build/DevOpsAppBuild:29c9fea2-aac3-4293-89a7-a885b69ecaf1.

The screenshot shows the AWS CodeBuild console. On the left, a sidebar menu includes options like Source (CodeCommit), Artifacts (CodeArtifact), Build (CodeBuild), Deploy (CodeDeploy), and Feedback. The Build section is expanded, showing sub-options: Getting started, Build projects, Build history (which is selected and highlighted in orange), Report groups, Report history, and Account metrics. The main content area displays a table of build history. The table has columns: Project, Build number, Source version, Submitter, Duration, and Completion time. One row is visible: DevOpsApp Build, Build number 1, Source version refs/heads/master, Submitter root, Duration 42 seconds, and Completion time 1 minute ago.

Here duration is 42s and CodeBuild will bill us for this time.

buildspec.yml

The screenshot shows the AWS CodeCommit console. On the left, a sidebar menu includes Source (CodeCommit), Code, and other repository management options. The Source section is expanded, showing sub-options: Getting started, Repositories, Code (which is selected and highlighted in orange), Pull requests, Commits, Branches, Git tags, Settings, and Approval rule templates. The main content area shows the contents of a file named buildspec.yml under a repository named cicd-repo. The file content is as follows:

```
1 version: 0.2
2
3 phases:
4   install:
5     runtime-versions:
6       nodejs: 10
7     commands:
8       - echo "installing something"
9   pre_build:
10    commands:
11      - echo "This is the pre build phase"
12   build:
13     commands:
14       - echo "This is the build phase"
15       - echo "Here we can run some tests"
16       - grep -Fq "Welcome" index.html
17   post_build:
18     commands:
19       - echo "This is the post build phase"
```

A simple version of buildspec.yml

Screenshot of the AWS CodeBuild Phase details page showing the Resource utilization table.

The table lists the following build phases:

Name	Status	Context	Duration	Start time	End time
SUBMITTED	✔ Succeeded	-	<1 sec	Apr 25, 2021 9:17 PM (UTC+5:30)	Apr 25, 2021 9:17 PM (UTC+5:30)
QUEUED	✔ Succeeded	-	1 sec	Apr 25, 2021 9:17 PM (UTC+5:30)	Apr 25, 2021 9:17 PM (UTC+5:30)
PROVISIONING	✔ Succeeded	-	22 secs	Apr 25, 2021 9:17 PM (UTC+5:30)	Apr 25, 2021 9:17 PM (UTC+5:30)
DOWNLOAD_SOURCE	✔ Succeeded	-	13 secs	Apr 25, 2021 9:18 PM (UTC+5:30)	Apr 25, 2021 9:18 PM (UTC+5:30)

A tooltip at the bottom of the table says: "Like it was submitted, queued, provisioning".

Screenshot of the AWS CodeBuild Phase details page showing the Resource utilization table.

The table lists the following build phases:

Name	Status	Context	Duration	Start time	End time
BUILD	✔ Succeeded	-	<1 sec	Apr 25, 2021 9:18 PM (UTC+5:30)	Apr 25, 2021 9:18 PM (UTC+5:30)
POST_BUILD	✔ Succeeded	-	<1 sec	Apr 25, 2021 9:18 PM (UTC+5:30)	Apr 25, 2021 9:18 PM (UTC+5:30)
UPLOAD_ARTIFACTS	✔ Succeeded	-	<1 sec	Apr 25, 2021 9:18 PM (UTC+5:30)	Apr 25, 2021 9:18 PM (UTC+5:30)
FINALIZING	✔ Succeeded	-	4 secs	Apr 25, 2021 9:18 PM (UTC+5:30)	Apr 25, 2021 9:18 PM (UTC+5:30)
COMPLETED	✔ Succeeded	-	-	Apr 25, 2021 9:18 PM (UTC+5:30)	-

The rows for UPLOAD_ARTIFACTS, FINALIZING, and COMPLETED are highlighted with an orange border.

AWS Documentation AWS CodeBuild User Guide

Build specification reference for CodeBuild

PDF | Kindle | RSS

This topic provides important reference information about build specification (buildspec) files. A *buildspec* is a collection of build commands and related settings, in YAML format, that CodeBuild uses to run a build. You can include a buildspec as part of the source code or you can define a buildspec when you create a build project. For information about how a build spec works, see [How CodeBuild works](#).

Topics

- [Buildspec file name and storage location](#)
- [Buildspec syntax](#)
- [Buildspec example](#)

<https://docs.aws.amazon.com/codebuild/latest/userguide/build-spec-ref.html>

AWS Documentation AWS CodeBuild User Guide

```
runtime-versions:  
  runtime: version  
  runtime: version  
commands:  
  - command  
  - command  
finally:  
  - command  
  - command  
pre_build:  
  run-as: Linux-user-name  
  on-failure: ABORT | CONTINUE  
commands:  
  - command  
  - command  
finally:  
  - command  
  - command  
build:  
  run-as: Linux-user-name  
  on-failure: ABORT | CONTINUE  
commands:  
  - command  
  - command
```

On this page

- Buildspec file name and storage location
- Buildspec syntax**
- Buildspec example
- Buildspec versions

The screenshot shows the AWS CodeBuild User Guide with the 'Buildspec reference' section open. The left sidebar lists various topics like 'What is AWS CodeBuild?' and 'Plan a build'. The main content area displays the YAML syntax for a buildspec file, specifically focusing on the 'reports.', 'artifacts.', and 'cache:' sections.

```
reports:
  report-group-name-or-arn:
    files:
      - location
      - location
    base-directory: location
    discard-paths: no | yes
    file-format: report-format

artifacts:
  files:
    - location
    - location
  name: artifact-name
  discard-paths: no | yes
  base-directory: location
  exclude-paths: excluded paths
  enable-symlinks: no | yes
  s3-prefix: prefix
  secondary-artifacts:
    artifactIdentifier:
      files:
        - location
        - location
      name: secondary-artifact-name
```

The screenshot shows the AWS CodeBuild User Guide with the 'Buildspec reference' section open. The left sidebar lists various topics. The main content area displays the YAML syntax for a buildspec file, specifically focusing on the 'cache:' section. Below the code, a note states: 'The buildspec contains the following: **version**' followed by 'Required mapping. Represents the buildspec version. We recommend that you use 0.2.'

```
name: secondary-artifact-name
discard-paths: no | yes
base-directory: location
artifactIdentifier:
  files:
    - location
    - location
  discard-paths: no | yes
  base-directory: location
cache:
  paths:
    - path
    - path
```

The buildspec contains the following:

version

Required mapping. Represents the buildspec version. We recommend that you use 0.2.

Note

Environment Variables and Parameter Store

The screenshot shows the AWS CodeBuild User Guide page. The left sidebar has sections like 'What is AWS CodeBuild?', 'Getting started', 'Samples', 'Plan a build' (expanded), 'Buildspec reference' (expanded), 'Batch buildspec reference', 'Build environment reference' (expanded), 'Docker images provided by CodeBuild', 'Build environment compute types', 'Shells and commands in build environments', 'Environment variables in build environments', and 'Background tasks in build'. The main content area shows a code snippet for a buildspec file:

```
- apt-get update -y
- apt-get install -y maven
finally:
- echo This always runs even if the update or install command fails
pre_build:
commands:
- echo Entered the pre_build phase...
- docker login -u User -p $LOGIN_PASSWORD
finally:
- echo This always runs even if the login command fails
build:
commands:
- echo Entered the build phase...
- echo Build started on `date`
- mvn install
finally:
- echo This always runs even if the install command fails
post_build:
commands:
- echo Entered the post_build phase...
- echo and there are a lot of environment variables available with
reports:
```

Items with \$ signs are environment variables. We use environment variables to create more dynamic builds. We can also specify our own custom environment variables.

The screenshot shows the AWS CodeBuild User Guide page. The left sidebar is identical to the previous one. The main content area has a section titled 'Buildspec example' with the subtext 'Here is an example of a buildspec.yml file.' Below it is a code editor showing a buildspec.yml file:

```
version: 0.2

env:
variables:
JAVA_HOME: "/usr/lib/jvm/java-8-openjdk-amd64"
parameter-store:
LOGIN_PASSWORD: /CodeBuild/dockerLoginPassword

phases:
install:
commands:
- echo Entered the install phase...
- apt-get update -y
- apt-get install -y maven
finally:
- echo This always runs even if the update or install command fails
pre_build:
```

Screenshot of the AWS CodeBuild console showing the configuration for the "DevOpsAppBuild" project.

The left sidebar shows navigation options: Source (CodeCommit), Artifacts (CodeArtifact), Build (CodeBuild), Getting started, Build projects, Build project (selected), Settings, Build history, Report groups, and Report history.

The main area displays the "DevOpsAppBuild" project details. It includes a toolbar with "Edit", "Delete build project", "Notify", and "Share" buttons, and a "Start build with overrides" button.

The "Configuration" section shows the following details:

Source provider	Primary buildspec	Batch configuration	Artifacts	Logs
AWS CodeCommit	cicd-repo	upload	Build badge Disabled	

Below the configuration are tabs for Build history, Batch history, Build details, Build triggers, and Metrics.

Screenshot of the AWS CodeBuild console showing the configuration for the "DevOpsAppBuild" project, specifically the "Build triggers" tab.

The left sidebar shows the same navigation options as the previous screenshot.

The main area displays the "Compute" configuration section. It includes a list of memory and vCPU options:

- 3 GB memory, 2 vCPUs
- 7 GB memory, 4 vCPUs
- 15 GB memory, 8 vCPUs
- 145 GB memory, 72 vCPUs

The "Environment variables" section contains fields for Name, Value, and Type (Plaintext). It also includes "Add environment variable" and "Create parameter" buttons.

The "File systems" section includes fields for Identifier, ID, and Directory path - optional. It also includes a "Remove" button.

At the bottom, there are links for Feedback, English (US), Privacy Policy, Terms of Use, and Cookie preferences.

Screenshot of the AWS Lambda function configuration page for a function named 'ssm'.

Environment variables:

Name	Value	Type	Action
DB_URL	prod-db-url.com	Plaintext	Remove
DB_PASSWORD	mysecretstring	Parameter	Remove

Add environment variable and **Create parameter** buttons are present.

File systems:

Identifier	ID	Directory path - optional	Action
			Remove

Mount point and **Mount options - optional** fields are shown.

Feedback English (US) ▾ Privacy Policy Terms of Use Cookie preferences

Screenshot of the AWS search results for 'ssm'.

Services (4)

- Features (4)
- Documentation (35,145)
- Marketplace (6)

Services

- Systems Manager**
AWS Systems Manager is a Central Place to View and Manage AWS Resources
Top features: Quick Setup, Explorer, OpsCenter, CloudWatch dashboard, PHD
- EC2 Image Builder**
A managed service to automate build, customize and deploy OS images
- AWS Audit Manager**
Continuously assess controls for risk and compliance

Feedback English (US) ▾ Privacy Policy Terms of Use Cookie preferences

Management

AWS Systems Manager Parameter Store

Secrets and configuration data management

Centralized storage and management of your secrets and configuration data such as passwords, database strings, and license codes. You can encrypt values, or store as plain text, and secure access at every level.

Start to use Parameter Store

Create parameter

Create parameter

Parameter details

Name

/prod/DBPassword X

No matching path found

Tier

Parameter Store offers standard and advanced parameters.

Standard

Limit of 10,000 parameters. Parameter value size up to 4 KB. Parameter policies are not available. No additional charge.

Advanced

Can create more than 10,000 parameters.

The screenshot shows the AWS Parameter Store 'Create parameter' interface. At the top, there's a navigation bar with the AWS logo, 'Services ▾', a search bar ('Search for services, features, marketplace products, and docs'), and user information ('dipalik N. Virginia Support'). Below the navigation is the 'Parameter details' section. In the 'Name' field, the path '/prod/DBPassword' is entered. The 'Tier' section shows two options: 'Standard' (selected) and 'Advanced'. The 'Standard' tier is described as having a limit of 10,000 parameters, a 4 KB value size, and no policies or charges. The 'Advanced' tier is described as having more than 10,000 parameters, an 8 KB value size, and policies with charges. Under 'Type', 'SecureString' is selected, which encrypts sensitive data using KMS keys. Under 'KMS key source', 'My current account' is selected, with a note about using the default KMS key or specifying a customer-managed key. There are also options for 'Another account'.

KMS Key ID

C

i You have selected the default AWS managed key. All users in the current AWS account and Region will have access to this parameter. To restrict access to the parameter, use a customer managed key (CMK) instead.

[Learn more](#)

Value

Maximum length 4096 characters.

i Create parameter request succeeded View details

AWS Systems Manager > Parameter Store

My parameters Public parameters Settings

	Name	Tier	Type	Last modified
<input checked="" type="checkbox"/>	/prod/DBPassword	Standard	SecureString	Mon, 26 Apr 2021 15:54:32 GMT

aws Services ▾ ssm AWS_REGION 1/1 Support ▾

≡	Name	Value	Type	
	DB_URL	prod-db-url.com	Plaintext	Remove
	DB_PASSWORD	/prod/DBPassword	Parameter	Remove
	Add environment variable			
	Create parameter			
	File systems			
	Identifier	ID	Directory path - optional	
	Mount point	Mount options - optional		
	Add file system			

Screenshot of the AWS IAM Roles page. The search bar shows "codebuild". A role named "codebuild-DevOpsAppBuild-service-role" is selected and highlighted with a yellow border. The status bar at the bottom says "So this is the role."

Identity and Access Management (IAM)

Create role Delete role

Showing 1 result

Role name Trusted entities Last activity

codebuild-DevOpsAppBuild-service-role codebuild-DevOpsAppBuild-service-role Today

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Feedback English (US) ▾ Privacy Policy Terms of Use Cookie preferences

Screenshot of the AWS IAM Role Details page for "codebuild-DevOpsAppBuild-service-role". The "Permissions" tab is selected. The "Attach policies" button is highlighted with a blue oval. The status bar at the bottom says "Here we need to attach one more policy".

Last activity 2021-04-26 20:09 UTC+0530 (Today)

Maximum session duration 1 hour Edit

Permissions Trust relationships Tags Access Advisor Revoke sessions

Permissions policies (2 policies applied)

Attach policies Add inline policy

Policy name Policy type

CodeBuildManagedSecret... Managed policy

CodeBuildBasePolicy-Dev... Managed policy

Permissions boundary (not set)

Here we need to attach one more policy

Feedback English (US) ▾ Privacy Policy Terms of Use Cookie preferences

The screenshot shows the AWS IAM Attach Permissions page. At the top, there is a search bar and navigation links for services, user dipalik, global support, and a refresh icon. Below the header, the title "Add permissions to codebuild-DevOpsAppBuild-service-role" is displayed, followed by "Attach Permissions". A "Create policy" button is visible. A table lists policies filtered by "ssm", showing three results: "AmazonSSMPatchAssociation" (AWS managed, None), "AmazonSSMReadOnlyAccess" (selected, AWS managed, None), and "AWSBudgetsActionsRolePolicyForResourceAdministrators" (AWS managed, None). A note below the table states "So SSM read access will do." At the bottom right are "Cancel" and "Attach policy" buttons.

Artifacts and S3

The screenshot shows the AWS CodeBuild User Guide. The left sidebar includes sections like "What is AWS CodeBuild?", "Getting started", "Samples", "Plan a build", and "Buildspec reference" (which is expanded). The main content area discusses artifact naming and provides a sample buildspec JSON. A callout box highlights the "artifacts" section of the buildspec example. The right sidebar contains links for "On this page" such as "Buildspec file name and storage location", "Buildspec syntax", "Buildspec example", and "Buildspec versions".

Screenshot of the AWS CodeCommit interface showing a buildspec.xml file.

The buildspec.xml content is:

```
4   install:
5     runtime-versions:
6       nodejs: 10
7     commands:
8       - printenv
9       - echo "installing something"
10    pre_build:
11      commands:
12        - echo "This is the pre build phase"
13    build:
14      commands:
15        - echo "This is the build phase"
16        - echo "Here we can run some tests"
17        - grep -Fq "Welcome" index.html
18    post_build:
19      commands:
20        - echo "This is the post build phase"
21  artifacts:
22    files:
23      - '**/*'
24    name: DevOpsAppArtifacts
25
```

Commit changes to master
File: cicd-repo/buildspec.xml

Let's say DevOpsAppArtifacts.

Screenshot of the AWS CodeBuild interface showing a build project configuration.

The configuration details are:

Source provider	Primary	Upload
AWS CodeCommit	cicd-repo	Artifacts
		Logs

Build history | Batch history | **Build details** | Build triggers | Metrics

Project let's edit our build project for artifacts. Edit

Artifact 1 - Primary

Type
No artifacts

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

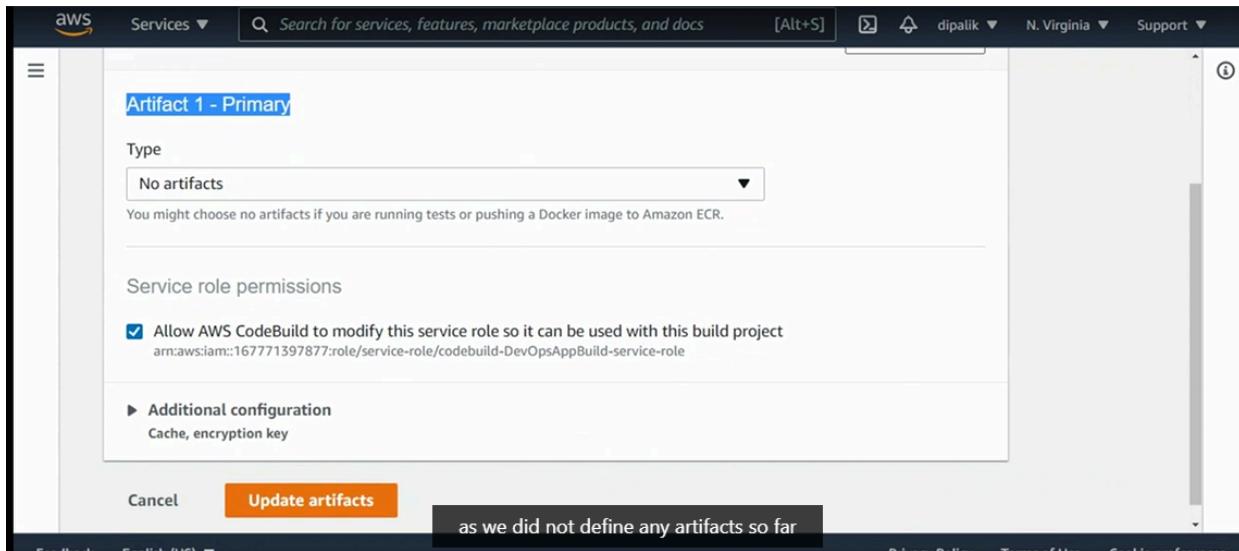
Service role permissions

Allow AWS CodeBuild to modify this service role so it can be used with this build project
arn:aws:iam::167771397877:role/service-role/codebuild-DevOpsAppBuild-service-role

► Additional configuration
Cache, encryption key

Cancel **Update artifacts**

as we did not define any artifacts so far



Artifact 1 - Primary

Type
No artifacts

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

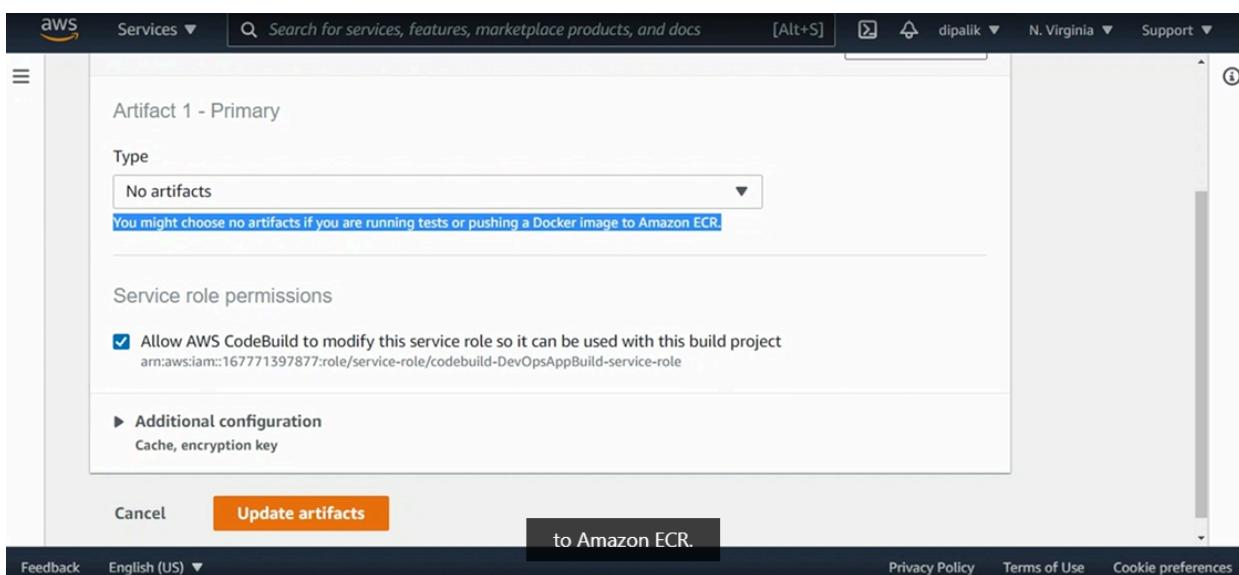
Service role permissions

Allow AWS CodeBuild to modify this service role so it can be used with this build project
arn:aws:iam::167771397877:role/service-role/codebuild-DevOpsAppBuild-service-role

► Additional configuration
Cache, encryption key

Cancel **Update artifacts**

to Amazon ECR.



AWS Services Search for services, features, marketplace products, and docs [Alt+S] dipalik Global Support

Amazon S3 > Create bucket

Create bucket

Buckets are containers for data stored in S3. Learn more [?](#)

General configuration

Bucket name Bucket name must be unique and must not contain spaces or uppercase letters. See rules for bucket naming [?](#)

AWS Region

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

Block Public Access settings for this bucket and let's name it cicddevopsartifacts.
Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to

AWS Services Search for services, features, marketplace products, and docs [Alt+S] dipalik N. Virginia Support

Artifact 1 - Primary

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

Bucket name

Name
The name of the folder or compressed file in the bucket that will contain your output artifacts. Use Artifacts packaging under Additional configuration to choose whether to use a folder or compressed file. If the name is not provided, defaults to project name.

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Developer Tools **CodeBuild**

- Source • CodeCommit
- Artifacts • CodeArtifact
- Build • CodeBuild
 - Getting started
 - Build projects
 - Build project**
 - Settings
 - Build history
 - Report groups
 - Report history

Build started
You have successfully started the following build: DevOpsAppBuild:13be20a0-bbe2-4afb-b74c-b0962b2160ed

```

146 [Container] 2021/04/26 16:58:23 Phase context status code: Message:
147 [Container] 2021/04/26 16:58:23 Entering phase POST_BUILD
148 [Container] 2021/04/26 16:58:23 Running command echo "This is the post build phase"
149 This is the post build phase
150
151 [Container] 2021/04/26 16:58:23 Phase complete: POST_BUILD State: SUCCEEDED
152 [Container] 2021/04/26 16:58:23 Phase context status code: Message:
153 [Container] 2021/04/26 16:58:23 Expanding base directory path: .
154 [Container] 2021/04/26 16:58:23 Assembling file list
155 [Container] 2021/04/26 16:58:23 Expanding .
156 [Container] 2021/04/26 16:58:23 Expanding file paths for base directory .
157 [Container] 2021/04/26 16:58:23 Assembling file list
158 [Container] 2021/04/26 16:58:23 Expanding */
159 [Container] 2021/04/26 16:58:23 Found 18 file(s)
160 [Container] 2021/04/26 16:58:23 Phase complete: UPLOAD_ARTIFACTS State: SUCCEEDED
161 [Container] 2021/04/26 16:58:23 Phase context status code: Message:
162

```

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