Name: Prashanth Raghavendra Rao

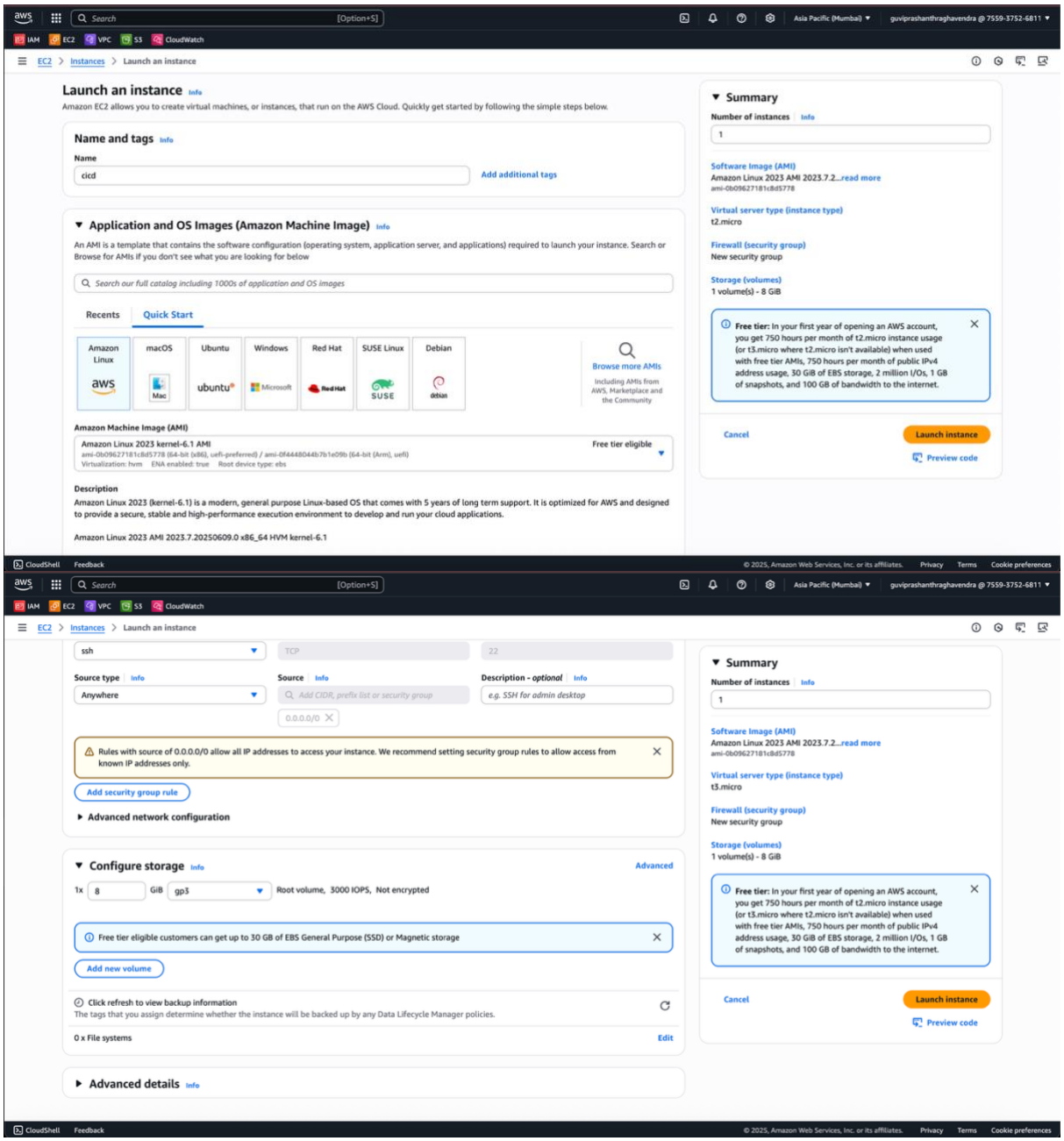
Task: AWS 4

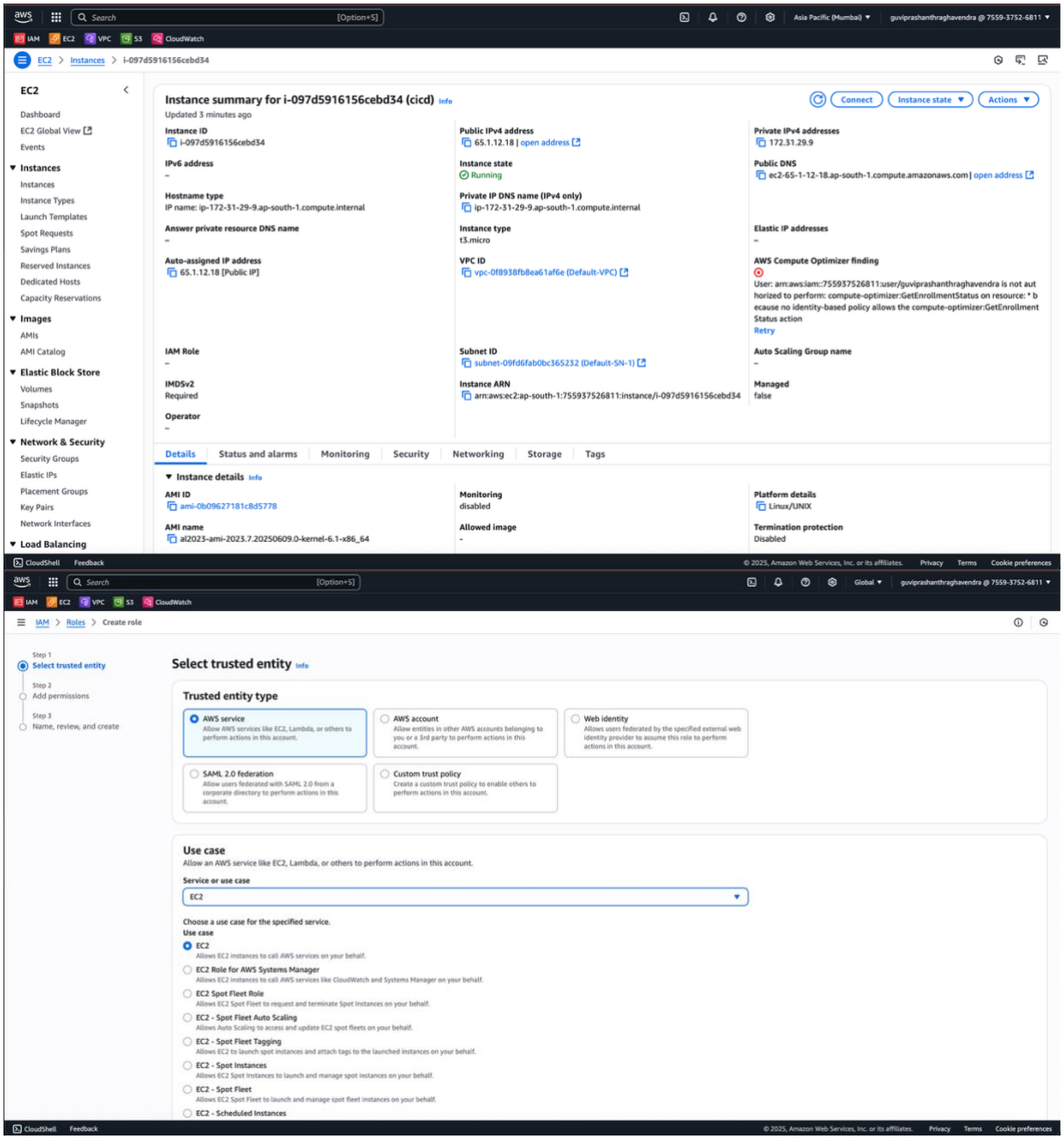
Date: 12/06/2025

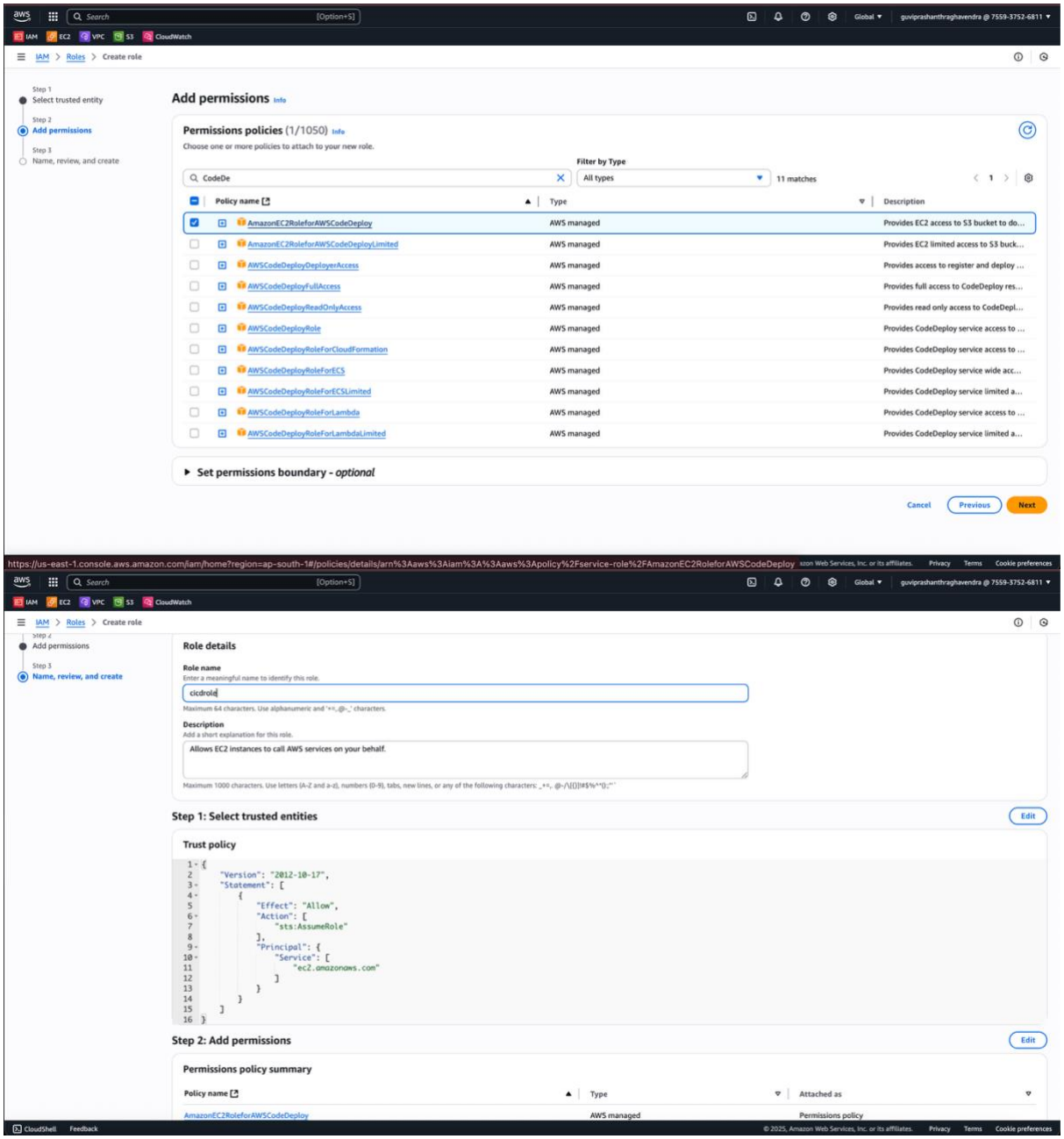
Task Description:

Deploy a simple web application using AWS code commit, code build and deploy & access via browser and automate via codepipeline.

Create Instance Linux




Search
[Option+S]
Asia Pacific (Mumbai)
guviprashanthraghavendra @ 7559-3752-6811
IAM
EC2
VPC
S3
CloudWatch
EC2 > Instances > i-097d5916156cebd34
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
Load Balancing
Instance summary for i-097d5916156cebd34 (cicd) Info
Updated 3 minutes ago
Connect
Instance state
Actions
Instance ID
i-097d5916156cebd34
Public IPv4 address
65.1.12.18 | open address
Private IPv4 addresses
172.31.29.9
IPv6 address
–
Instance state
Running
Public DNS
ec2-65-1-12-18.ap-south-1.compute.amazonaws.com | open address
Hostname type
IP name: ip-172-31-29-9.ap-south-1.compute.internal
Private IP DNS name (IPv4 only)
ip-172-31-29-9.ap-south-1.compute.internal
Answer private resource DNS name
–
Instance type
t3.micro
Elastic IP addresses
–
Auto-assigned IP address
65.1.12.18 [Public IP]
VPC ID
vpc-0f8938fb8ea61af6e (Default-VPC)
AWS Compute Optimizer finding
User: arn:aws:iam::755937526811:user/guviprashanthraghavendra is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action
Retry
IAM Role
–
Subnet ID
subnet-09fd6fab0bc365232 (Default-SN-1)
Auto Scaling Group name
–
IMDSv2
Required
Instance ARN
arn:aws:ec2:ap-south-1:755937526811:instance/i-097d5916156cebd34
Managed
false
Operator
–
Details
Status and alarms
Monitoring
Security
Networking
Storage
Tags
Instance details Info
AMI ID
ami-0b09627181c8d5778
Monitoring
disabled
Platform details
Linux/UNIX
AMI name
al2023-ami-2023.7.20250609.0-kernel-6.1-x86_64
Allowed image
-
Termination protection
Disabled
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Global
IAM > Roles > Create role
Step 1
Select trusted entity
Step 2
Add permissions
Step 3
Name, review, and create
Select trusted entity Info
Trusted entity type
AWS service
Allow AWS services like EC2, Lambda, or others to perform actions in this account.
AWS account
Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.
Web identity
Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.
SAML 2.0 federation
Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.
Custom trust policy
Create a custom trust policy to enable others to perform actions in this account.
Use case
Allow an AWS service like EC2, Lambda, or others to perform actions in this account.
Service or use case
EC2
Choose a use case for the specified service.
Use case
EC2
Allows EC2 instances to call AWS services on your behalf.
EC2 Role for AWS Systems Manager
Allows EC2 instances to call AWS services like CloudWatch and Systems Manager on your behalf.
EC2 Spot Fleet Role
Allows EC2 Spot Fleet to request and terminate Spot Instances on your behalf.
EC2 - Spot Fleet Auto Scaling
Allows Auto Scaling to access and update EC2 spot fleets on your behalf.
EC2 - Spot Fleet Tagging
Allows EC2 to launch spot instances and attach tags to the launched instances on your behalf.
EC2 - Spot Instances
Allows EC2 Spot Instances to launch and manage spot instances on your behalf.
EC2 - Spot Fleet
Allows EC2 Spot Fleet to launch and manage spot fleet instances on your behalf.
EC2 - Scheduled Instances


Search
[Option+S]
IAM
EC2
VPC
S3
CloudWatch
Global
guviprashanthraghavendra @ 7559-3752-6811
IAM > Roles > Create role
Step 1
Select trusted entity
Step 2
Add permissions
Step 3
Name, review, and create
Add permissions Info
Permissions policies (1/1050) Info
Choose one or more policies to attach to your new role.
Filter by Type
CodeDe
All types
11 matches
Policy name
Type
Description
AmazonEC2RoleforAWSCodeDeploy
AWS managed
Provides EC2 access to S3 bucket to do...
AmazonEC2RoleforAWSCodeDeployLimited
AWS managed
Provides EC2 limited access to S3 buck...
AWSCodeDeployDeployerAccess
AWS managed
Provides access to register and deploy ...
AWSCodeDeployFullAccess
AWS managed
Provides full access to CodeDeploy res...
AWSCodeDeployReadOnlyAccess
AWS managed
Provides read only access to CodeDepl...
AWSCodeDeployRole
AWS managed
Provides CodeDeploy service access to ...
AWSCodeDeployRoleForCloudFormation
AWS managed
Provides CodeDeploy service access to ...
AWSCodeDeployRoleForECS
AWS managed
Provides CodeDeploy service wide acc...
AWSCodeDeployRoleForECSLimited
AWS managed
Provides CodeDeploy service limited a...
AWSCodeDeployRoleForLambda
AWS managed
Provides CodeDeploy service access to ...
AWSCodeDeployRoleForLambdaLimited
AWS managed
Provides CodeDeploy service limited a...
Set permissions boundary - optional
Cancel
Previous
Next
https://us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/policies/details/arn%3Aaws%3Aiam%3A%3Aaws%3Apolicy%2Fservice-role%2FAmazonEC2RoleforAWSCodeDeploy
Privacy
Terms
Cookie preferences
Add permissions
Name, review, and create
Role details
Role name
Enter a meaningful name to identify this role.
cicdrole
Maximum 64 characters. Use alphanumeric and '+=,.@-_' characters.
Description
Add a short explanation for this role.
Allows EC2 instances to call AWS services on your behalf.
Maximum 1000 characters. Use letters (A-Z and a-z), numbers (0-9), tabs, new lines, or any of the following characters: _+=, .@-/\[{}]!#$%^*();:"'
Step 1: Select trusted entities
Edit
Trust policy
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Action": [
"sts:AssumeRole"
],
"Principal": {
"Service": [
"ec2.amazonaws.com"
]
}
}
]
}
Step 2: Add permissions
Edit
Permissions policy summary
Policy name
Type
Attached as
AmazonEC2RoleforAWSCodeDeploy
AWS managed
Permissions policy
CloudShell
Feedback
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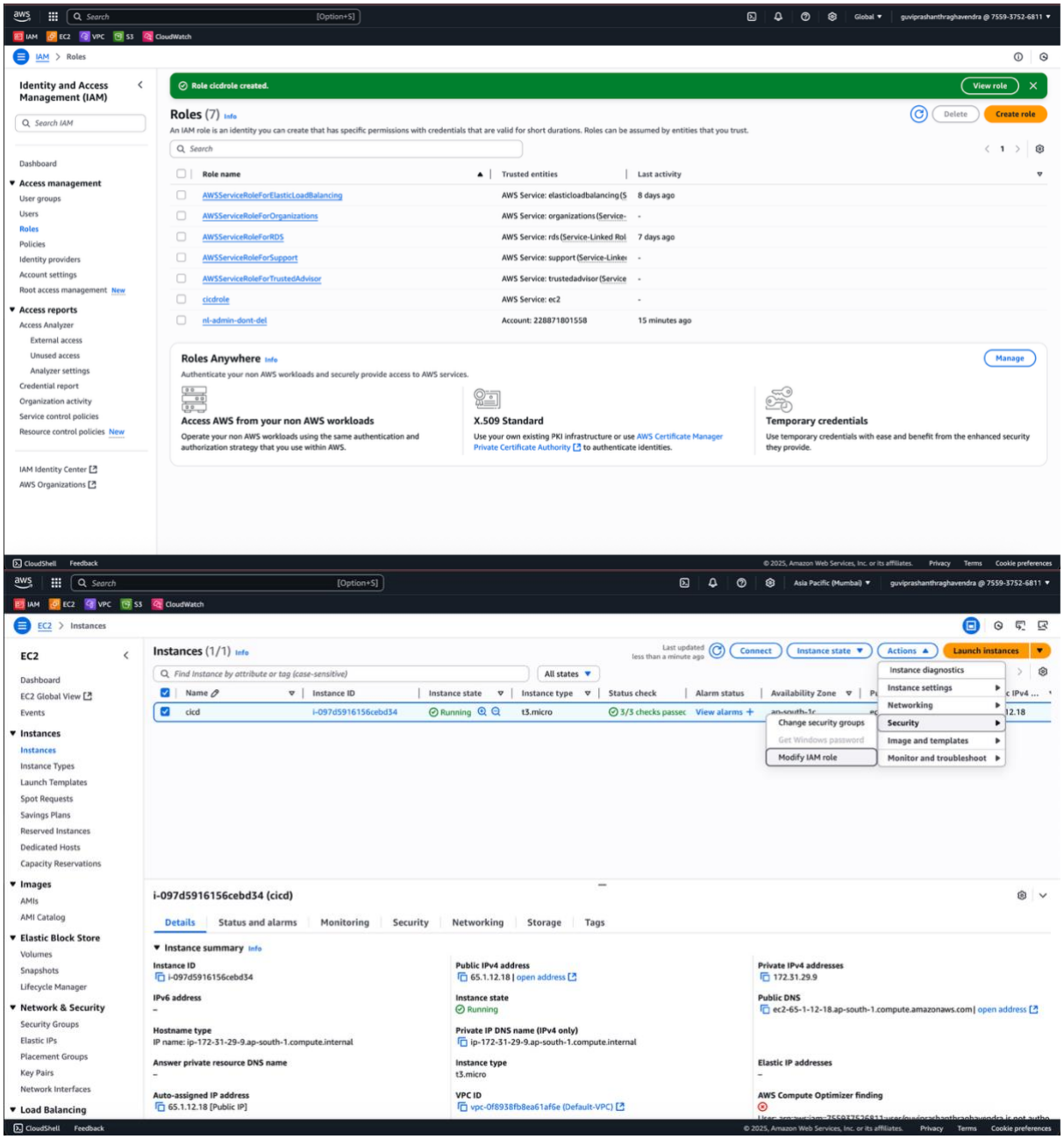
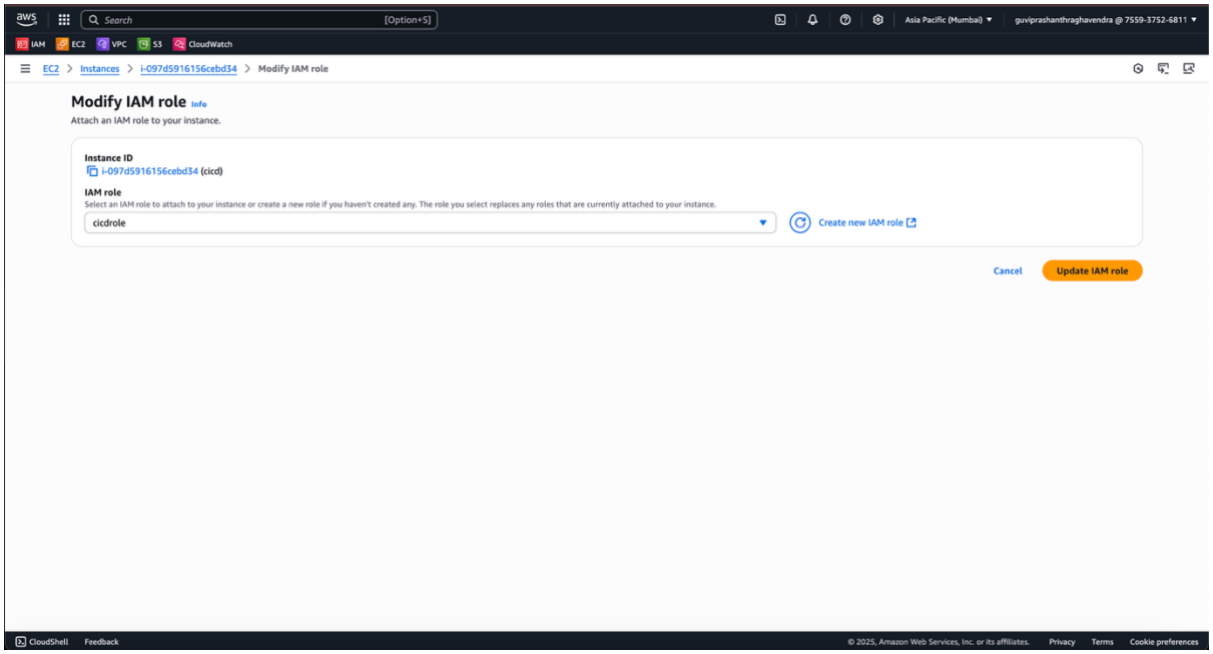
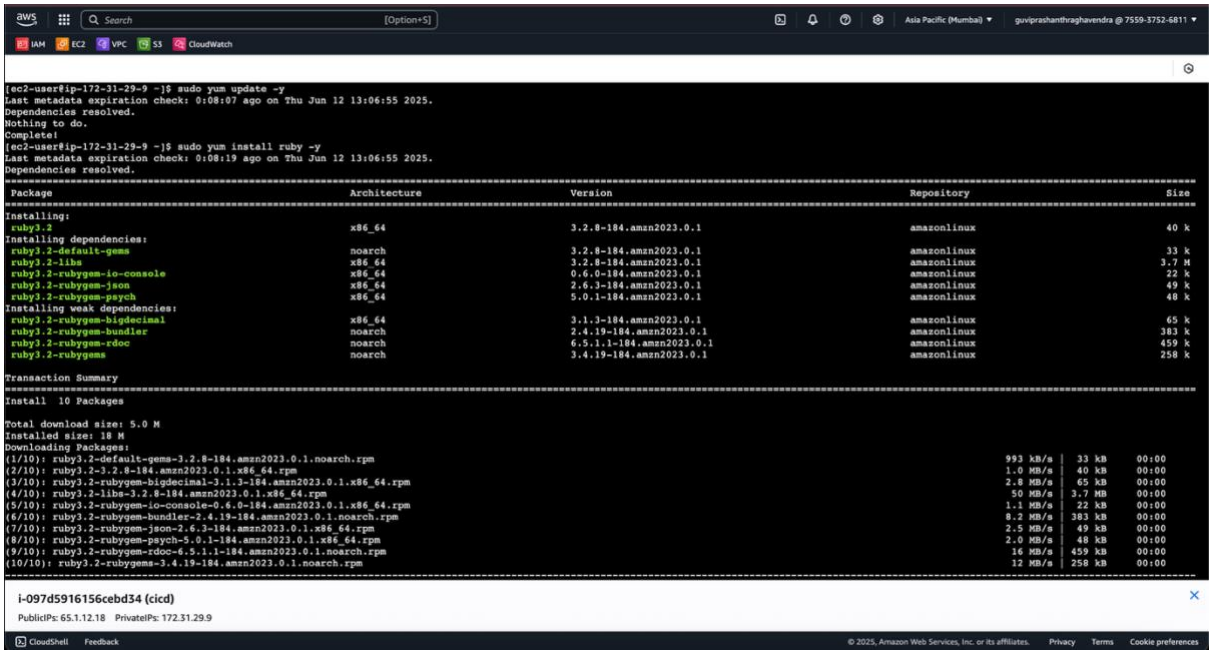
Privacy
Terms
Cookie preferences


Role cicdrole created.
View role
Roles (7) Info
An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.
Delete
Create role
Role name
Trusted entities
Last activity
AWSServiceRoleForElasticLoadBalancing
AWS Service: elasticloadbalancing (S
8 days ago
AWSServiceRoleForOrganizations
AWS Service: organizations (Service-
-
AWSServiceRoleForRDS
AWS Service: rds (Service-Linked Rol
7 days ago
AWSServiceRoleForSupport
AWS Service: support (Service-Linke
-
AWSServiceRoleForTrustedAdvisor
AWS Service: trustedadvisor (Service
-
cicdrole
AWS Service: ec2
-
nl-admin-dont-del
Account: 228871801558
15 minutes ago
Roles Anywhere Info
Manage
Authenticate your non AWS workloads and securely provide access to AWS services.
Access AWS from your non AWS workloads
Operate your non AWS workloads using the same authentication and authorization strategy that you use within AWS.
X.509 Standard
Use your own existing PKI infrastructure or use AWS Certificate Manager Private Certificate Authority to authenticate identities.
Temporary credentials
Use temporary credentials with ease and benefit from the enhanced security they provide.
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Instance diagnostics
Instance settings
Networking
Security
Image and templates
Monitor and troubleshoot
Change security groups
Get Windows password
Modify IAM role
cicd
i-097d5916156cebd34
Running
t3.micro
3/3 checks passed
View alarms
i-097d5916156cebd34 (cicd)
Details
Status and alarms
Monitoring
Security
Networking
Storage
Tags
Instance summary Info
Instance ID
i-097d5916156cebd34
IPv6 address
Hostname type
IP name: ip-172-31-29-9.ap-south-1.compute.internal
Answer private resource DNS name
Auto-assigned IP address
65.1.12.18 [Public IP]
Public IPv4 address
65.1.12.18 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-29-9.ap-south-1.compute.internal
Instance type
t3.micro
VPC ID
vpc-0f8938fb8ea61af6e (Default-VPC)
Private IPv4 addresses
172.31.29.9
Public DNS
ec2-65-1-12-18.ap-south-1.compute.amazonaws.com | open address
Elastic IP addresses
AWS Compute Optimizer finding



Install AWSCodeDeployAgent


Search [Option+S]
Asia Pacific (Mumbai)
guviprashanthraghavendra @ 7559-3752-6811
IAM EC2 VPC S3 CloudWatch
[ec2-user@ip-172-31-29-9 ~]$ sudo yum update -y
Last metadata expiration check: 0:08:07 ago on Thu Jun 12 13:06:55 2025.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-29-9 ~]$ sudo yum install ruby -y
Last metadata expiration check: 0:08:19 ago on Thu Jun 12 13:06:55 2025.
Dependencies resolved.
Package Architecture Version Repository Size
Installing:
ruby3.2 x86_64 3.2.8-184.amzn2023.0.1 amazonlinux 40 k
Installing dependencies:
ruby3.2-default-gems noarch 3.2.8-184.amzn2023.0.1 amazonlinux 33 k
ruby3.2-libs x86_64 3.2.8-184.amzn2023.0.1 amazonlinux 3.7 M
ruby3.2-rubygem-io-console x86_64 0.6.0-184.amzn2023.0.1 amazonlinux 22 k
ruby3.2-rubygem-json x86_64 2.6.3-184.amzn2023.0.1 amazonlinux 49 k
ruby3.2-rubygem-psych x86_64 5.0.1-184.amzn2023.0.1 amazonlinux 48 k
Installing weak dependencies:
ruby3.2-rubygem-bigdecimal x86_64 3.1.3-184.amzn2023.0.1 amazonlinux 65 k
ruby3.2-rubygem-bundler noarch 2.4.19-184.amzn2023.0.1 amazonlinux 383 k
ruby3.2-rubygem-rdoc noarch 6.5.1.1-184.amzn2023.0.1 amazonlinux 459 k
ruby3.2-rubygems noarch 3.4.19-184.amzn2023.0.1 amazonlinux 258 k
Transaction Summary
Install 10 Packages
Total download size: 5.0 M
Installed size: 18 M
Downloading Packages:
(1/10): ruby3.2-default-gems-3.2.8-184.amzn2023.0.1.noarch.rpm 993 kB/s | 33 kB 00:00
(2/10): ruby3.2-3.2.8-184.amzn2023.0.1.x86_64.rpm 1.0 MB/s | 40 kB 00:00
(3/10): ruby3.2-rubygem-bigdecimal-3.1.3-184.amzn2023.0.1.x86_64.rpm 2.8 MB/s | 65 kB 00:00
(4/10): ruby3.2-libs-3.2.8-184.amzn2023.0.1.x86_64.rpm 50 MB/s | 3.7 MB 00:00
(5/10): ruby3.2-rubygem-io-console-0.6.0-184.amzn2023.0.1.x86_64.rpm 1.1 MB/s | 22 kB 00:00
(6/10): ruby3.2-rubygem-bundler-2.4.19-184.amzn2023.0.1.noarch.rpm 8.2 MB/s | 383 kB 00:00
(7/10): ruby3.2-rubygem-json-2.6.3-184.amzn2023.0.1.x86_64.rpm 2.5 MB/s | 49 kB 00:00
(8/10): ruby3.2-rubygem-psych-5.0.1-184.amzn2023.0.1.x86_64.rpm 2.0 MB/s | 48 kB 00:00
(9/10): ruby3.2-rubygem-rdoc-6.5.1.1-184.amzn2023.0.1.noarch.rpm 16 MB/s | 459 kB 00:00
(10/10): ruby3.2-rubygems-3.4.19-184.amzn2023.0.1.noarch.rpm 12 MB/s | 258 kB 00:00
i-097d5916156cebd34 (cicd)
PublicIPs: 65.1.12.18 PrivateIPs: 172.31.29.9
CloudShell Feedback
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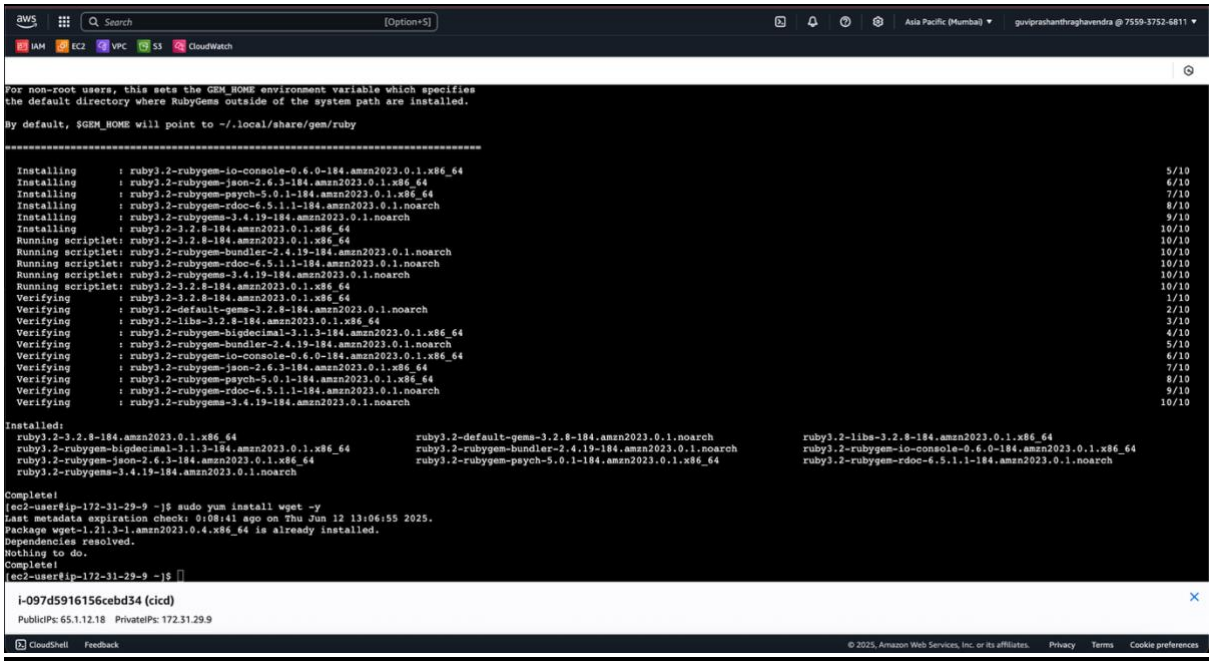
Search [Option+S]
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IAM EC2 VPC S3 CloudWatch
For non-root users, this sets the GEM_HOME environment variable which specifies
the default directory where RubyGems outside of the system path are installed.
By default, $GEM_HOME will point to ~/.local/share/gem/ruby
Installing : ruby3.2-rubygem-io-console-0.6.0-184.amzn2023.0.1.x86_64 5/10
Installing : ruby3.2-rubygem-json-2.6.3-184.amzn2023.0.1.x86_64 6/10
Installing : ruby3.2-rubygem-psych-5.0.1-184.amzn2023.0.1.x86_64 7/10
Installing : ruby3.2-rubygem-rdoc-6.5.1.1-184.amzn2023.0.1.noarch 8/10
Installing : ruby3.2-rubygems-3.4.19-184.amzn2023.0.1.noarch 9/10
Installing : ruby3.2-3.2.8-184.amzn2023.0.1.x86_64 10/10
Running scriptlet: ruby3.2-3.2.8-184.amzn2023.0.1.x86_64 10/10
Running scriptlet: ruby3.2-rubygem-bundler-2.4.19-184.amzn2023.0.1.noarch 10/10
Running scriptlet: ruby3.2-rubygem-rdoc-6.5.1.1-184.amzn2023.0.1.noarch 10/10
Running scriptlet: ruby3.2-rubygems-3.4.19-184.amzn2023.0.1.noarch 10/10
Running scriptlet: ruby3.2-3.2.8-184.amzn2023.0.1.x86_64 10/10
Verifying : ruby3.2-3.2.8-184.amzn2023.0.1.x86_64 1/10
Verifying : ruby3.2-default-gems-3.2.8-184.amzn2023.0.1.noarch 2/10
Verifying : ruby3.2-libs-3.2.8-184.amzn2023.0.1.x86_64 3/10
Verifying : ruby3.2-rubygem-bigdecimal-3.1.3-184.amzn2023.0.1.x86_64 4/10
Verifying : ruby3.2-rubygem-bundler-2.4.19-184.amzn2023.0.1.noarch 5/10
Verifying : ruby3.2-rubygem-io-console-0.6.0-184.amzn2023.0.1.x86_64 6/10
Verifying : ruby3.2-rubygem-json-2.6.3-184.amzn2023.0.1.x86_64 7/10
Verifying : ruby3.2-rubygem-psych-5.0.1-184.amzn2023.0.1.x86_64 8/10
Verifying : ruby3.2-rubygem-rdoc-6.5.1.1-184.amzn2023.0.1.noarch 9/10
Verifying : ruby3.2-rubygems-3.4.19-184.amzn2023.0.1.noarch 10/10
Installed:
ruby3.2-3.2.8-184.amzn2023.0.1.x86_64 ruby3.2-default-gems-3.2.8-184.amzn2023.0.1.noarch ruby3.2-libs-3.2.8-184.amzn2023.0.1.x86_64
ruby3.2-rubygem-bigdecimal-3.1.3-184.amzn2023.0.1.x86_64 ruby3.2-rubygem-bundler-2.4.19-184.amzn2023.0.1.noarch ruby3.2-rubygem-io-console-0.6.0-184.amzn2023.0.1.x86_64
ruby3.2-rubygem-json-2.6.3-184.amzn2023.0.1.x86_64 ruby3.2-rubygem-psych-5.0.1-184.amzn2023.0.1.x86_64 ruby3.2-rubygem-rdoc-6.5.1.1-184.amzn2023.0.1.noarch
ruby3.2-rubygems-3.4.19-184.amzn2023.0.1.noarch
Complete!
[ec2-user@ip-172-31-29-9 ~]$ sudo yum install wget -y
Last metadata expiration check: 0:08:41 ago on Thu Jun 12 13:06:55 2025.
Package wget-1.21.3-1.amzn2023.0.4.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-29-9 ~]$
i-097d5916156cebd34 (cicd)
PublicIPs: 65.1.12.18 PrivateIPs: 172.31.29.9
CloudShell Feedback
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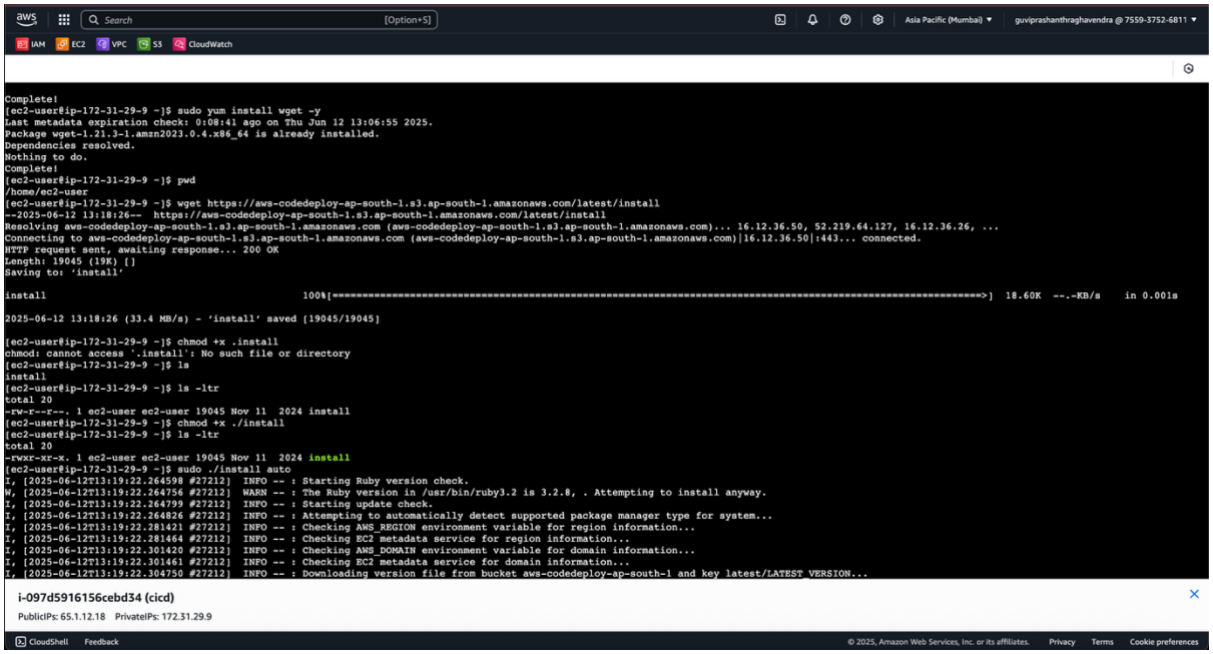
Search
[Option+S]
IAM
EC2
VPC
S3
CloudWatch
Asia Pacific (Mumbai)
guviprashanthraghavendra @ 7559-3752-6811
Complete!
[ec2-user@ip-172-31-29-9 ~]$ sudo yum install wget -y
Last metadata expiration check: 0:08:41 ago on Thu Jun 12 13:06:55 2025.
Package wget-1.21.3-1.amzn2023.0.4.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-29-9 ~]$ pwd
/home/ec2-user
[ec2-user@ip-172-31-29-9 ~]$ wget https://aws-codedeploy-ap-south-1.s3.ap-south-1.amazonaws.com/latest/install
--2025-06-12 13:18:26-- https://aws-codedeploy-ap-south-1.s3.ap-south-1.amazonaws.com/latest/install
Resolving aws-codedeploy-ap-south-1.s3.ap-south-1.amazonaws.com (aws-codedeploy-ap-south-1.s3.ap-south-1.amazonaws.com)... 16.12.36.50, 52.219.64.127, 16.12.36.26, ...
Connecting to aws-codedeploy-ap-south-1.s3.ap-south-1.amazonaws.com (aws-codedeploy-ap-south-1.s3.ap-south-1.amazonaws.com)|16.12.36.50|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 19045 (19K) []
Saving to: 'install'
install 100%[=>] 18.60K --.-KB/s in 0.001s
2025-06-12 13:18:26 (33.4 MB/s) - 'install' saved [19045/19045]
[ec2-user@ip-172-31-29-9 ~]$ chmod +x .install
chmod: cannot access '.install': No such file or directory
[ec2-user@ip-172-31-29-9 ~]$ ls
install
[ec2-user@ip-172-31-29-9 ~]$ ls -ltr
total 20
-rw-r--r--. 1 ec2-user ec2-user 19045 Nov 11 2024 install
[ec2-user@ip-172-31-29-9 ~]$ chmod +x ./install
[ec2-user@ip-172-31-29-9 ~]$ ls -ltr
total 20
-rwxr-xr-x. 1 ec2-user ec2-user 19045 Nov 11 2024 install
[ec2-user@ip-172-31-29-9 ~]$ sudo ./install auto
I, [2025-06-12T13:19:22.264598 #27212] INFO -- : Starting Ruby version check.
W, [2025-06-12T13:19:22.264756 #27212] WARN -- : The Ruby version in /usr/bin/ruby3.2 is 3.2.8, . Attempting to install anyway.
I, [2025-06-12T13:19:22.264799 #27212] INFO -- : Starting update check.
I, [2025-06-12T13:19:22.264826 #27212] INFO -- : Attempting to automatically detect supported package manager type for system...
I, [2025-06-12T13:19:22.281421 #27212] INFO -- : Checking AWS_REGION environment variable for region information...
I, [2025-06-12T13:19:22.281464 #27212] INFO -- : Checking EC2 metadata service for region information...
I, [2025-06-12T13:19:22.301420 #27212] INFO -- : Checking AWS_DOMAIN environment variable for domain information...
I, [2025-06-12T13:19:22.301461 #27212] INFO -- : Checking EC2 metadata service for domain information...
I, [2025-06-12T13:19:22.304750 #27212] INFO -- : Downloading version file from bucket aws-codedeploy-ap-south-1 and key latest/LATEST_VERSION...
i-097d5916156cebd34 (cicd)
PublicIPs: 65.1.12.18 PrivateIPs: 172.31.29.9
CloudShell
Feedback
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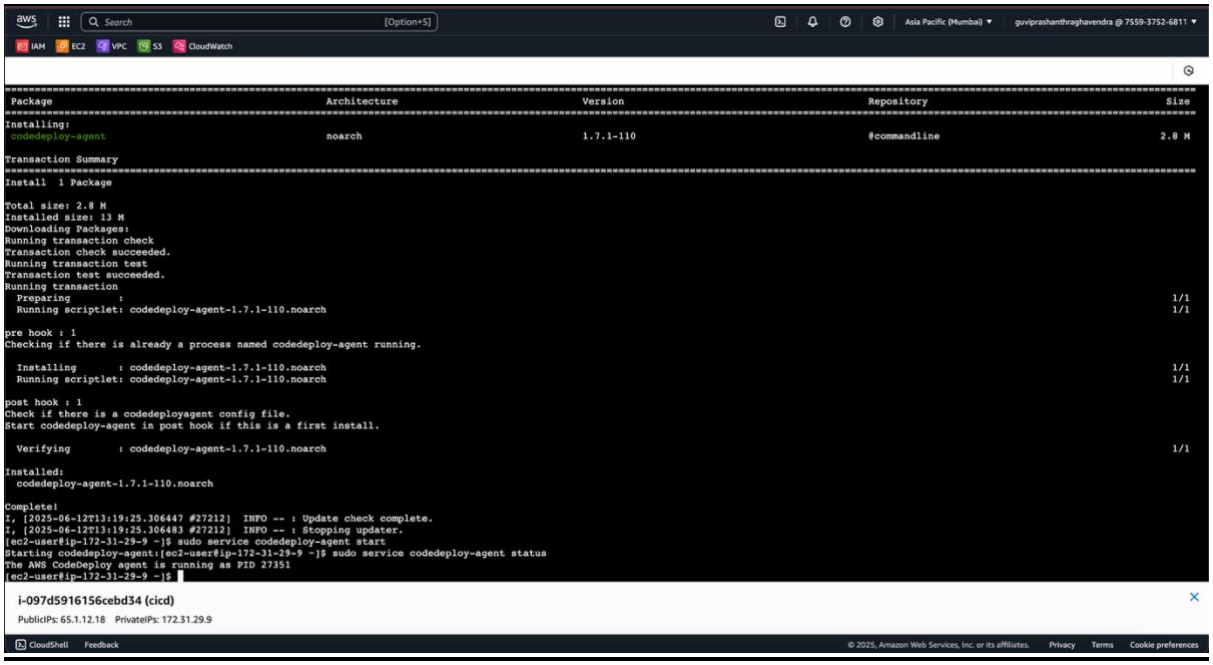
Search
[Option+S]
IAM
EC2
VPC
S3
CloudWatch
Asia Pacific (Mumbai)
guviprashanthraghavendra @ 7559-3752-6811
Package Architecture Version Repository Size
Installing:
codedeploy-agent noarch 1.7.1-110 @commandline 2.8 M
Transaction Summary
Install 1 Package
Total size: 2.8 M
Installed size: 13 M
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing : 1/1
Running scriptlet: codedeploy-agent-1.7.1-110.noarch 1/1
pre hook : 1
Checking if there is already a process named codedeploy-agent running.
Installing : codedeploy-agent-1.7.1-110.noarch 1/1
Running scriptlet: codedeploy-agent-1.7.1-110.noarch 1/1
post hook : 1
Check if there is a codedeployagent config file.
Start codedeploy-agent in post hook if this is a first install.
Verifying : codedeploy-agent-1.7.1-110.noarch 1/1
Installed:
codedeploy-agent-1.7.1-110.noarch
Complete!
I, [2025-06-12T13:19:25.306447 #27212] INFO -- : Update check complete.
I, [2025-06-12T13:19:25.306483 #27212] INFO -- : Stopping updater.
[ec2-user@ip-172-31-29-9 ~]$ sudo service codedeploy-agent start
Starting codedeploy-agent:[ec2-user@ip-172-31-29-9 ~]$ sudo service codedeploy-agent status
The AWS CodeDeploy agent is running as PID 27351
[ec2-user@ip-172-31-29-9 ~]$
i-097d5916156cebd34 (cicd)
PublicIPs: 65.1.12.18 PrivateIPs: 172.31.29.9
CloudShell
Feedback
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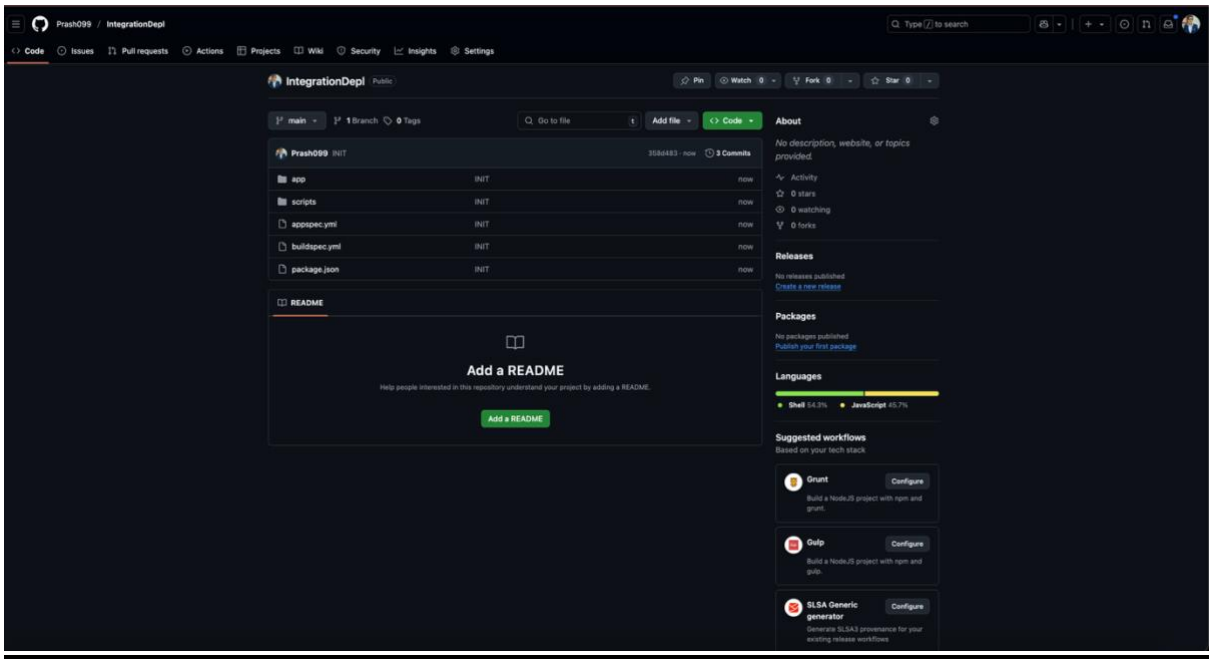
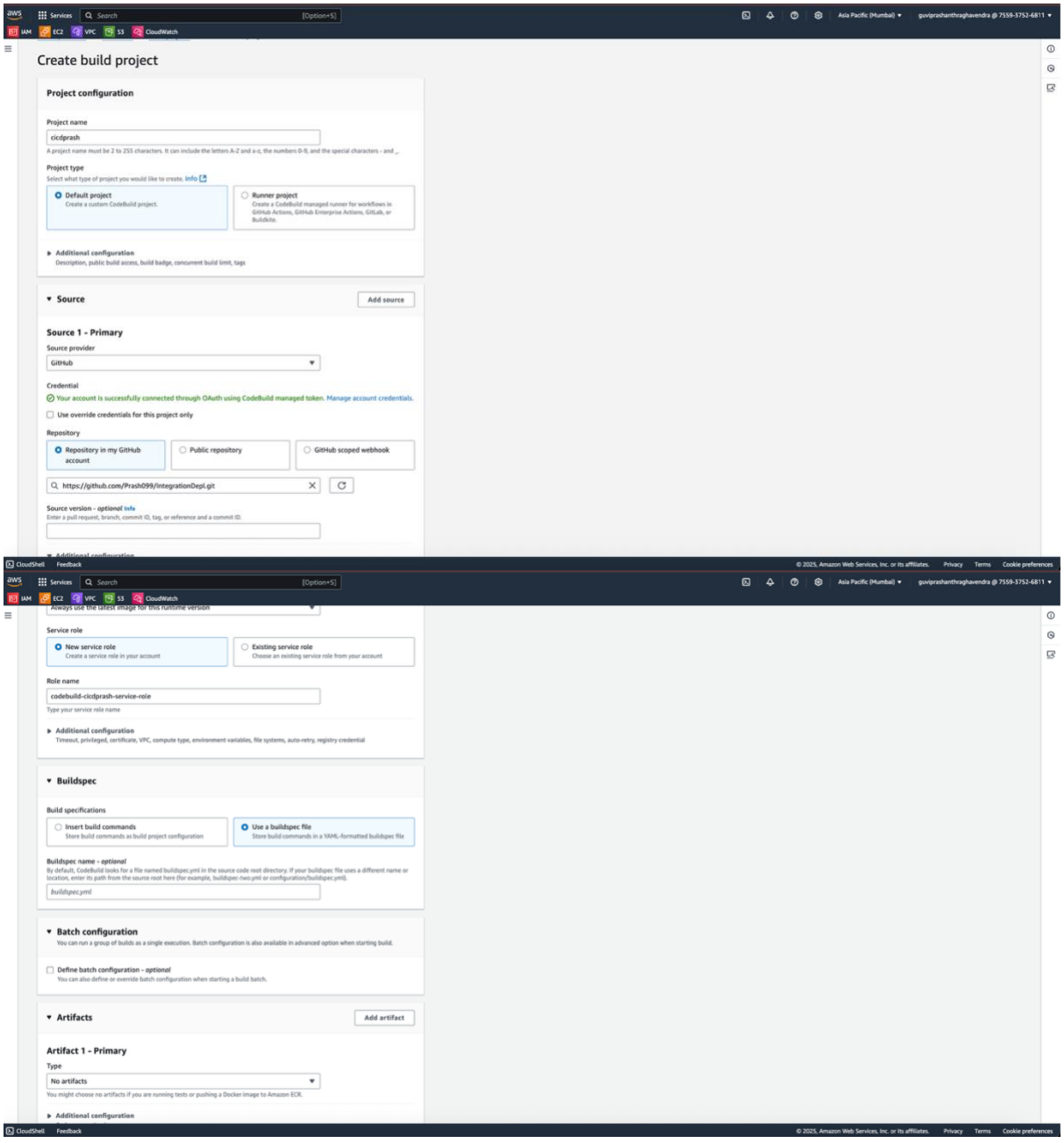
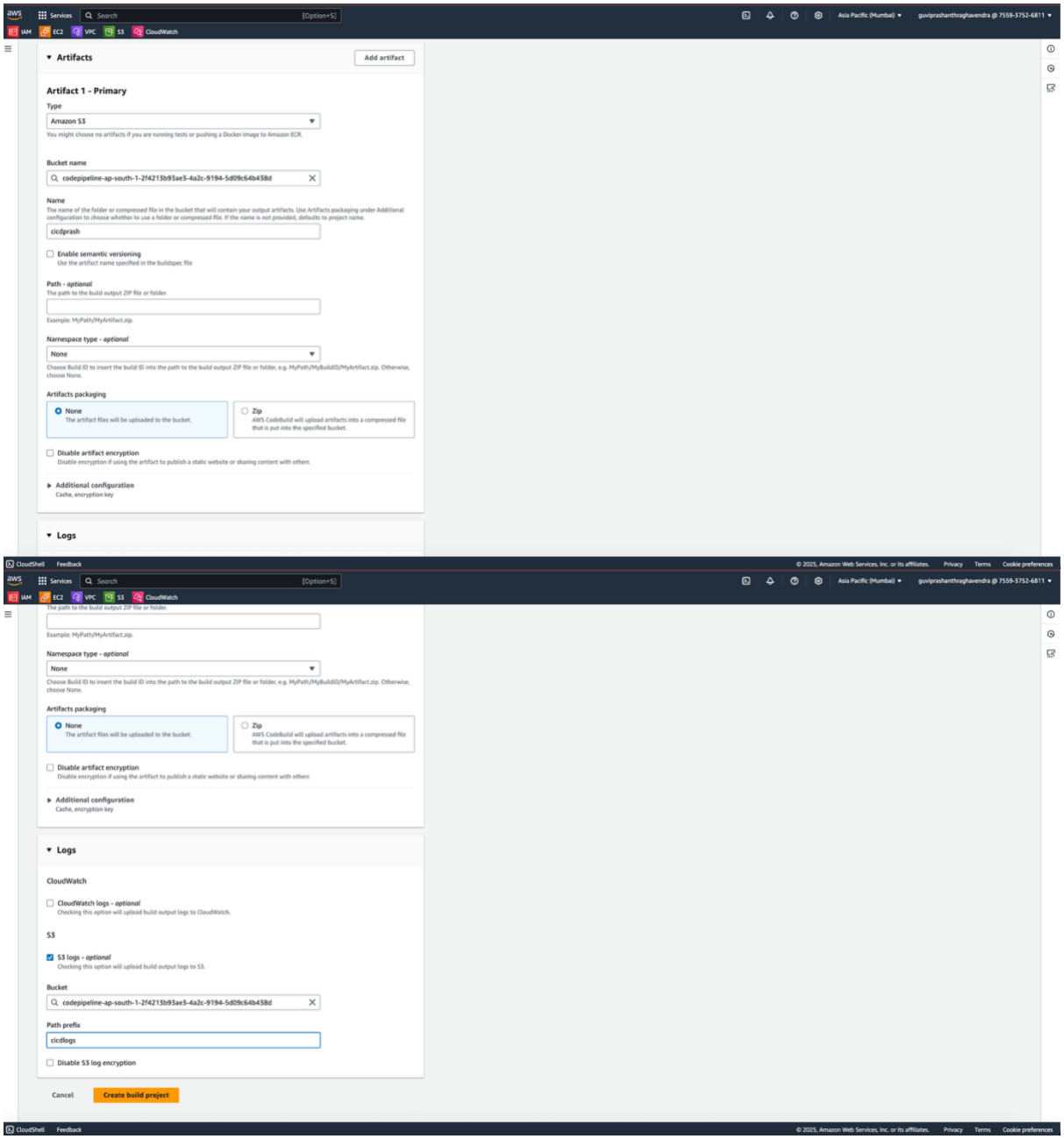
Privacy
Terms
Cookie preferences

GitHub Repo Push



Create Code Build




Services
Search
[Option+S]
IAM
EC2
VPC
S3
CloudWatch
Asia Pacific (Mumbai)
guviprashanthraghavendra @ 7559-3752-6811
Artifacts
Add artifact
Artifact 1 - Primary
Type
Amazon S3
You might choose no artifacts if you are running tests or pushing a Docker image to Amazon ECR.
Bucket name
codepipeline-ap-south-1-2f4213b93ae3-4a2c-9194-5d09c64b438d
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.
cicdprash
Enable semantic versioning
Use the artifact name specified in the buildspec file
Path - optional
The path to the build output ZIP file or folder.
Example: MyPath/MyArtifact.zip.
Namespace type - optional
None
Choose Build ID to insert the build ID into the path to the build output ZIP file or folder, e.g. MyPath/MyBuildID/MyArtifact.zip. Otherwise, choose None.
Artifacts packaging
None
The artifact files will be uploaded to the bucket.
Zip
AWS CodeBuild will upload artifacts into a compressed file that is put into the specified bucket.
Disable artifact encryption
Disable encryption if using the artifact to publish a static website or sharing content with others
Additional configuration
Cache, encryption key
Logs
CloudShell
Feedback
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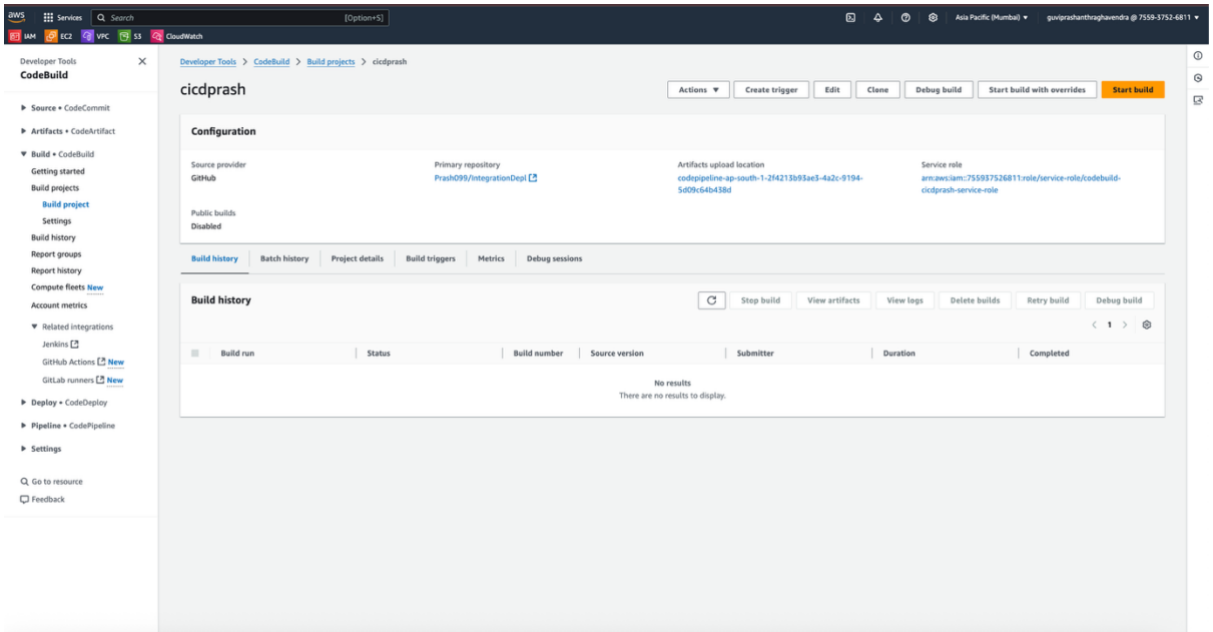
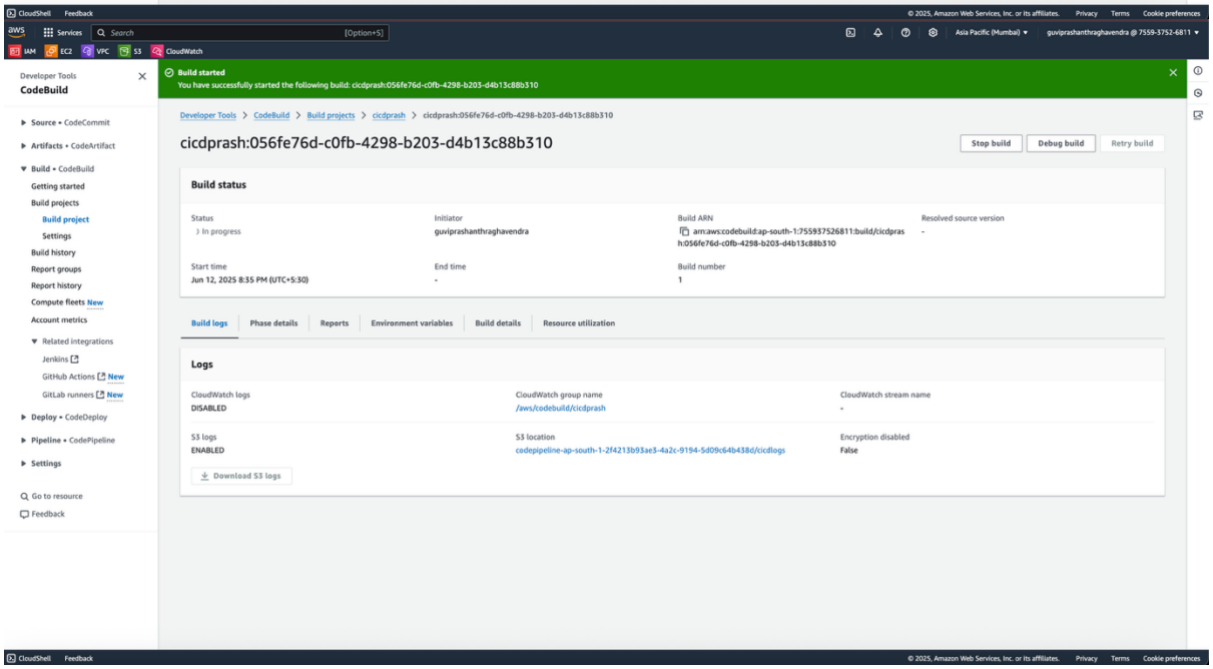
Privacy
Terms
Cookie preferences
CloudWatch
CloudWatch logs - optional
Checking this option will upload build output logs to CloudWatch.
S3
S3 logs - optional
Checking this option will upload build output logs to S3.
Bucket
Path prefix
cicdlogs
Disable S3 log encryption
Cancel
Create build project


Developer Tools
CodeBuild
Source • CodeCommit
Artifacts • CodeArtifact
Build • CodeBuild
Getting started
Build projects
Build project
Settings
Build history
Report groups
Report history
Compute fleets New
Account metrics
Related integrations
Jenkins
GitHub Actions New
GitLab runners New
Deploy • CodeDeploy
Pipeline • CodePipeline
Settings
Go to resource
Feedback
Developer Tools > CodeBuild > Build projects > cicdprash
cicdprash
Actions
Create trigger
Edit
Clone
Debug build
Start build with overrides
Start build
Configuration
Source provider
GitHub
Primary repository
Prash099/integrationDepl
Artifacts upload location
codepipeline-ap-south-1-2f4213b93ae3-4a2c-9194-5d09c64b438d
Service role
arn:aws:iam::755937526811:role/service-role/codebuild-cicdprash-service-role
Public builds
Disabled
Build history
Batch history
Project details
Build triggers
Metrics
Debug sessions
Build history
Stop build
View artifacts
View logs
Delete builds
Retry build
Debug build
Build run
Status
Build number
Source version
Submitter
Duration
Completed
No results
There are no results to display.


CloudShell
Feedback
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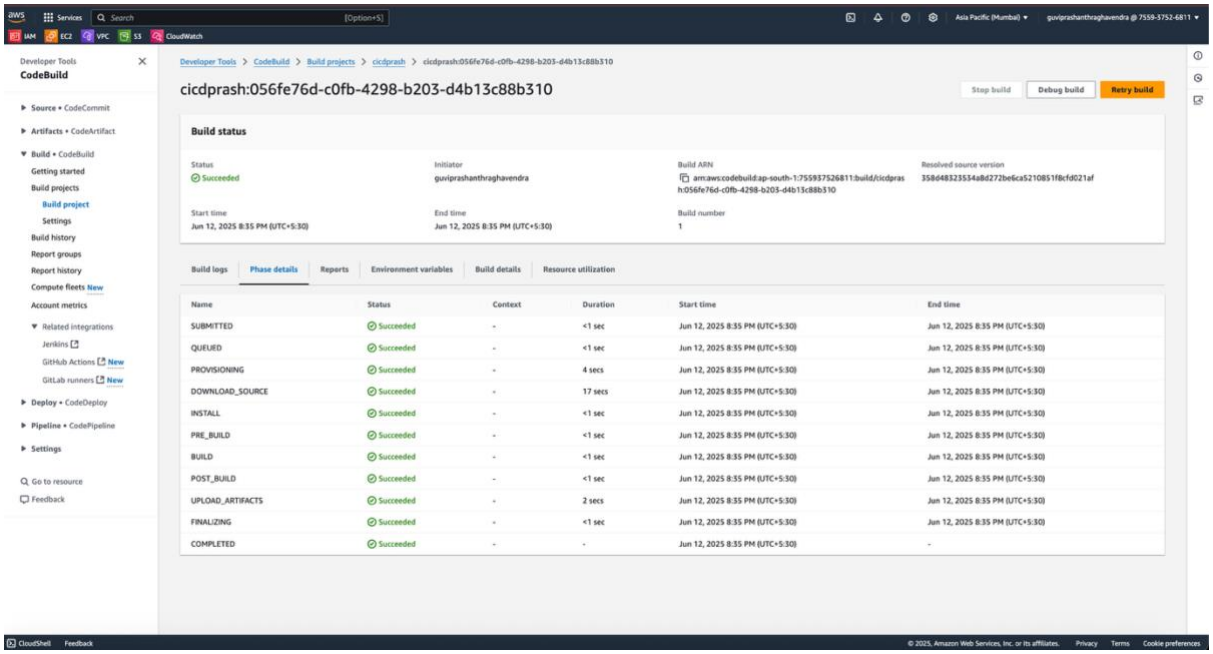
Cookie preferences
Developer Tools
CodeBuild
Build started
You have successfully started the following build: cicdprash:056fe76d-c0fb-4298-b203-d4b13c88b310
Developer Tools > CodeBuild > Build projects > cicdprash > cicdprash:056fe76d-c0fb-4298-b203-d4b13c88b310
cicdprash:056fe76d-c0fb-4298-b203-d4b13c88b310
Stop build
Debug build
Retry build
Build status
Status
In progress
Initiator
guviprashanthraghavendra
Build ARN
arn:aws:codebuild:ap-south-1:755937526811:build/cicdprash:056fe76d-c0fb-4298-b203-d4b13c88b310
Resolved source version
Start time
Jun 12, 2025 8:35 PM (UTC+5:30)
End time
Build number
1
Build logs
Phase details
Reports
Environment variables
Build details
Resource utilization
Logs
CloudWatch logs
DISABLED
CloudWatch group name
/aws/codebuild/cicdprash
CloudWatch stream name
S3 logs
ENABLED
S3 location
codepipeline-ap-south-1-2f4213b93ae3-4a2c-9194-5d09c64b438d/cicdlogs
Encryption disabled
False
Download S3 logs


Developer Tools
CodeBuild
Source • CodeCommit
Artifacts • CodeArtifact
Build • CodeBuild
Getting started
Build projects
Build project
Settings
Build history
Report groups
Report history
Compute fleets New
Account metrics
Related integrations
Jenkins
GitHub Actions New
GitLab runners New
Deploy • CodeDeploy
Pipeline • CodePipeline
Settings
Go to resource
Feedback
Developer Tools > CodeBuild > Build projects > cicdprash > cicdprash:056fe76d-c0fb-4298-b203-d4b13c88b310
cicdprash:056fe76d-c0fb-4298-b203-d4b13c88b310
Stop build
Debug build
Retry build
Build status
Status
Succeeded
Initiator
guviprashanthraghavendra
Build ARN
arn:aws:codebuild:ap-south-1:755937526811:build/cicdprash:056fe76d-c0fb-4298-b203-d4b13c88b310
Resolved source version
358d48323534a8d272be6ca5210851f8cfd021af
Start time
Jun 12, 2025 8:35 PM (UTC+5:30)
End time
Jun 12, 2025 8:35 PM (UTC+5:30)
Build number
1
Build logs
Phase details
Reports
Environment variables
Build details
Resource utilization
Name
Status
Context
Duration
Start time
End time
SUBMITTED
Succeeded
-
<1 sec
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
QUEUED
Succeeded
-
<1 sec
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
PROVISIONING
Succeeded
-
4 secs
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
DOWNLOAD_SOURCE
Succeeded
-
17 secs
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
INSTALL
Succeeded
-
<1 sec
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
PRE_BUILD
Succeeded
-
<1 sec
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
BUILD
Succeeded
-
<1 sec
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
POST_BUILD
Succeeded
-
<1 sec
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
UPLOAD_ARTIFACTS
Succeeded
-
2 secs
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
FINALIZING
Succeeded
-
<1 sec
Jun 12, 2025 8:35 PM (UTC+5:30)
Jun 12, 2025 8:35 PM (UTC+5:30)
COMPLETED
Succeeded
-
-
Jun 12, 2025 8:35 PM (UTC+5:30)
-
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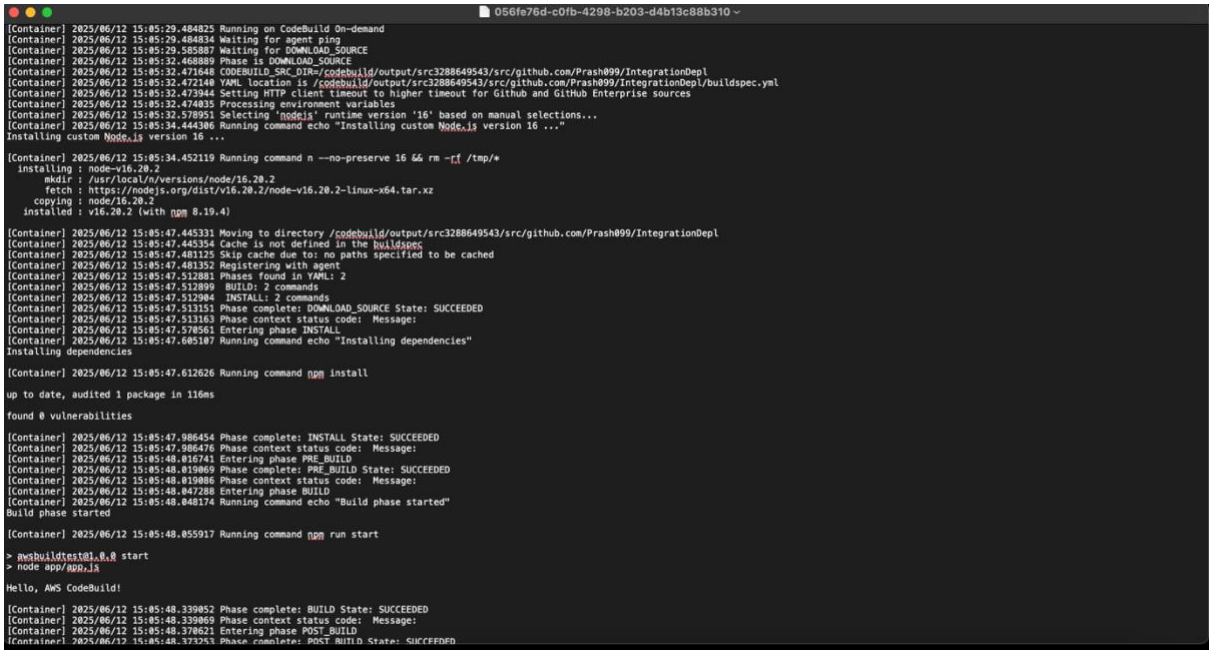
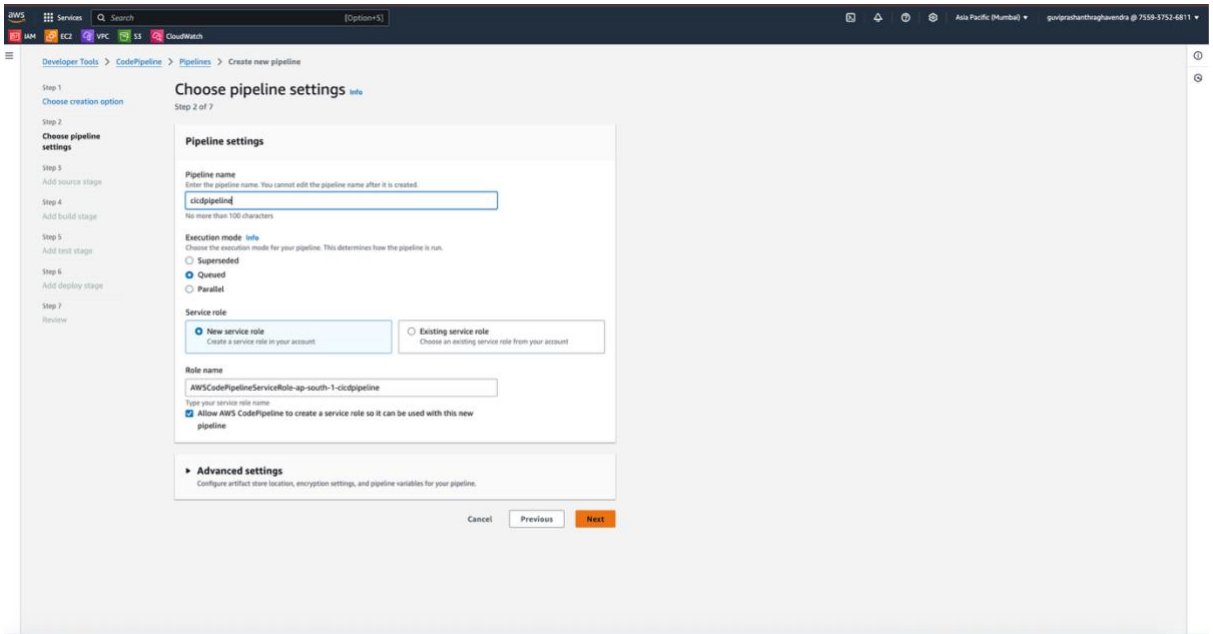
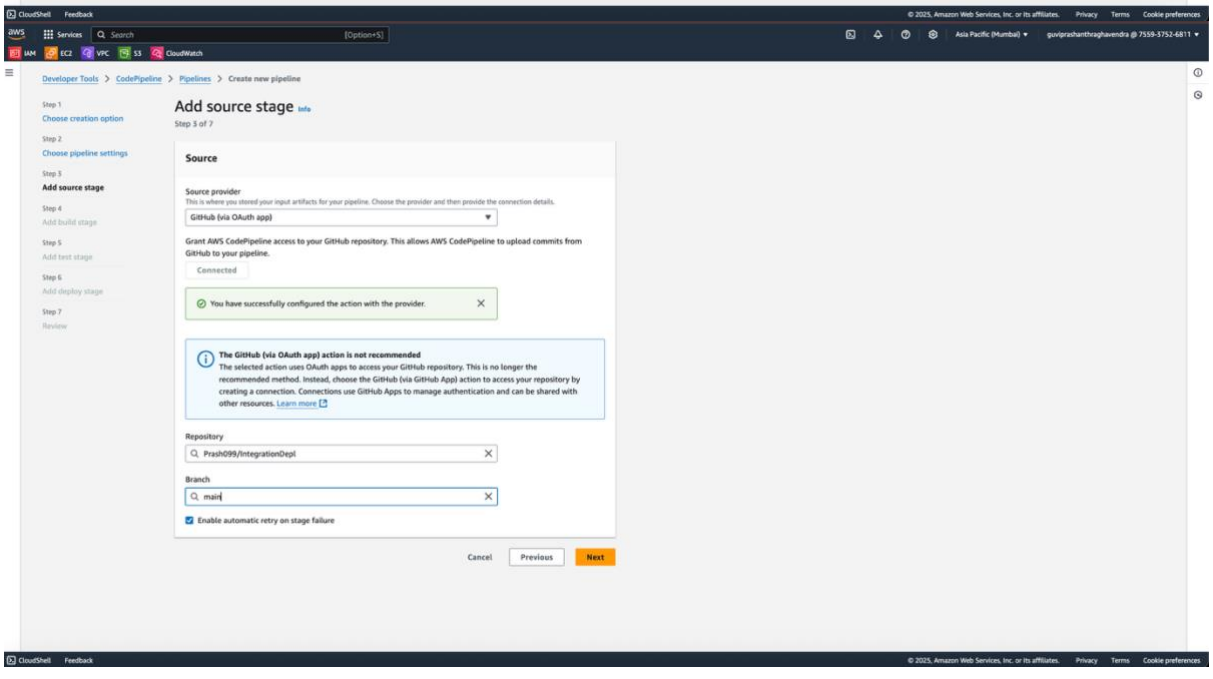
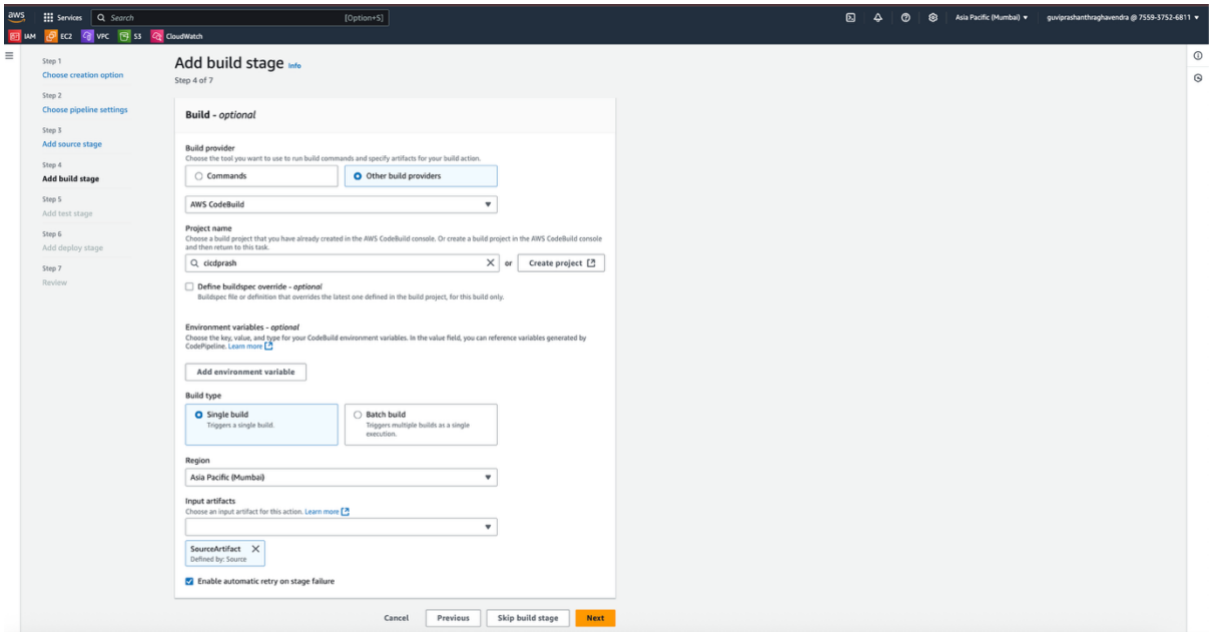
S3 Logs

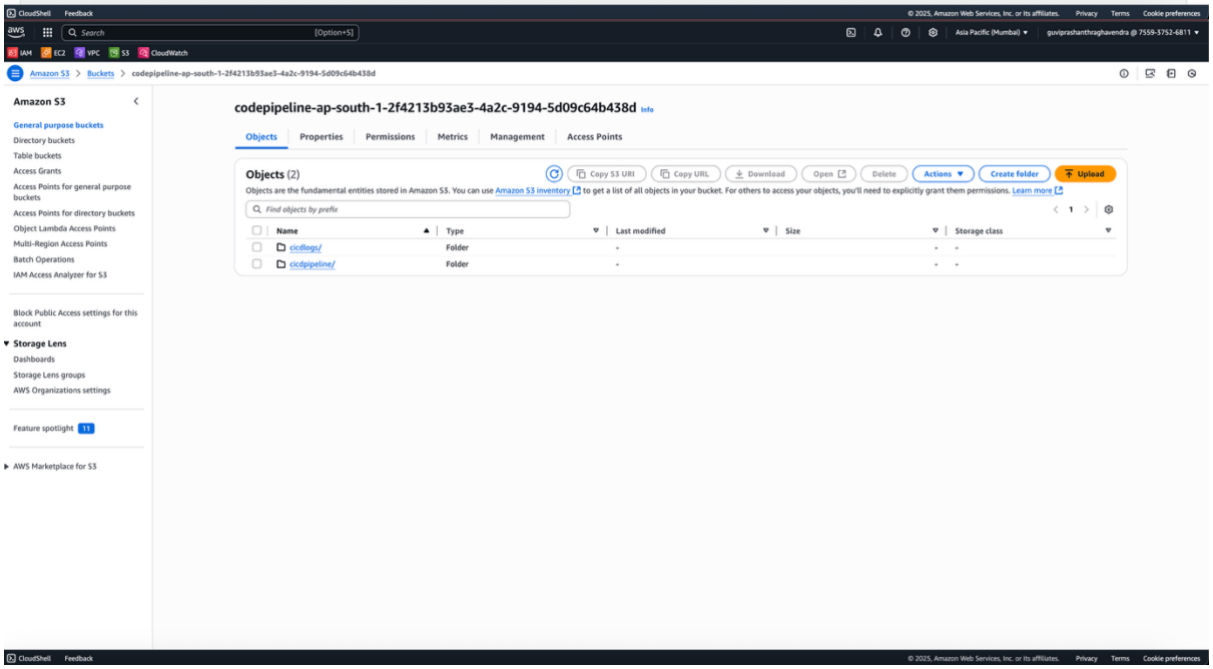

056fe76d-c0fb-4298-b203-d4b13c88b310
[Container] 2025/06/12 15:05:29.484825 Running on CodeBuild On-demand
[Container] 2025/06/12 15:05:29.484834 Waiting for agent ping
[Container] 2025/06/12 15:05:29.585887 Waiting for DOWNLOAD_SOURCE
[Container] 2025/06/12 15:05:32.468889 Phase is DOWNLOAD_SOURCE
[Container] 2025/06/12 15:05:32.471648 CODEBUILD_SRC_DIR=/codebuild/output/src3288649543/src/github.com/Prash099/IntegrationDepl
[Container] 2025/06/12 15:05:32.472140 YAML location is /codebuild/output/src3288649543/src/github.com/Prash099/IntegrationDepl/buildspec.yml
[Container] 2025/06/12 15:05:32.473944 Setting HTTP client timeout to higher timeout for Github and GitHub Enterprise sources
[Container] 2025/06/12 15:05:32.474035 Processing environment variables
[Container] 2025/06/12 15:05:32.578951 Selecting 'nodejs' runtime version '16' based on manual selections...
[Container] 2025/06/12 15:05:34.444306 Running command echo "Installing custom Node.js version 16 ..."
Installing custom Node.js version 16 ...
[Container] 2025/06/12 15:05:34.452119 Running command n --no-preserve 16 && rm -rf /tmp/*
installing : node-v16.20.2
mkdir : /usr/local/n/versions/node/16.20.2
fetch : https://nodejs.org/dist/v16.20.2/node-v16.20.2-linux-x64.tar.xz
copying : node/16.20.2
installed : v16.20.2 (with npm 8.19.4)
[Container] 2025/06/12 15:05:47.445331 Moving to directory /codebuild/output/src3288649543/src/github.com/Prash099/IntegrationDepl
[Container] 2025/06/12 15:05:47.445354 Cache is not defined in the buildspec
[Container] 2025/06/12 15:05:47.481125 Skip cache due to: no paths specified to be cached
[Container] 2025/06/12 15:05:47.481352 Registering with agent
[Container] 2025/06/12 15:05:47.512881 Phases found in YAML: 2
[Container] 2025/06/12 15:05:47.512899 BUILD: 2 commands
[Container] 2025/06/12 15:05:47.512904 INSTALL: 2 commands
[Container] 2025/06/12 15:05:47.513151 Phase complete: DOWNLOAD_SOURCE State: SUCCEEDED
[Container] 2025/06/12 15:05:47.513163 Phase context status code: Message:
[Container] 2025/06/12 15:05:47.570561 Entering phase INSTALL
[Container] 2025/06/12 15:05:47.605107 Running command echo "Installing dependencies"
Installing dependencies
[Container] 2025/06/12 15:05:47.612626 Running command npm install
up to date, audited 1 package in 116ms
found 0 vulnerabilities
[Container] 2025/06/12 15:05:47.986454 Phase complete: INSTALL State: SUCCEEDED
[Container] 2025/06/12 15:05:47.986476 Phase context status code: Message:
[Container] 2025/06/12 15:05:48.016741 Entering phase PRE_BUILD
[Container] 2025/06/12 15:05:48.019069 Phase complete: PRE_BUILD State: SUCCEEDED
[Container] 2025/06/12 15:05:48.019086 Phase context status code: Message:
[Container] 2025/06/12 15:05:48.047288 Entering phase BUILD
[Container] 2025/06/12 15:05:48.048174 Running command echo "Build phase started"
Build phase started
[Container] 2025/06/12 15:05:48.055917 Running command npm run start
> awsbuildtest@1.0.0 start
> node app/app.js
Hello, AWS CodeBuild!
[Container] 2025/06/12 15:05:48.339052 Phase complete: BUILD State: SUCCEEDED
[Container] 2025/06/12 15:05:48.339069 Phase context status code: Message:
[Container] 2025/06/12 15:05:48.370621 Entering phase POST_BUILD
[Container] 2025/06/12 15:05:48.373253 Phase complete: POST_BUILD State: SUCCEEDED

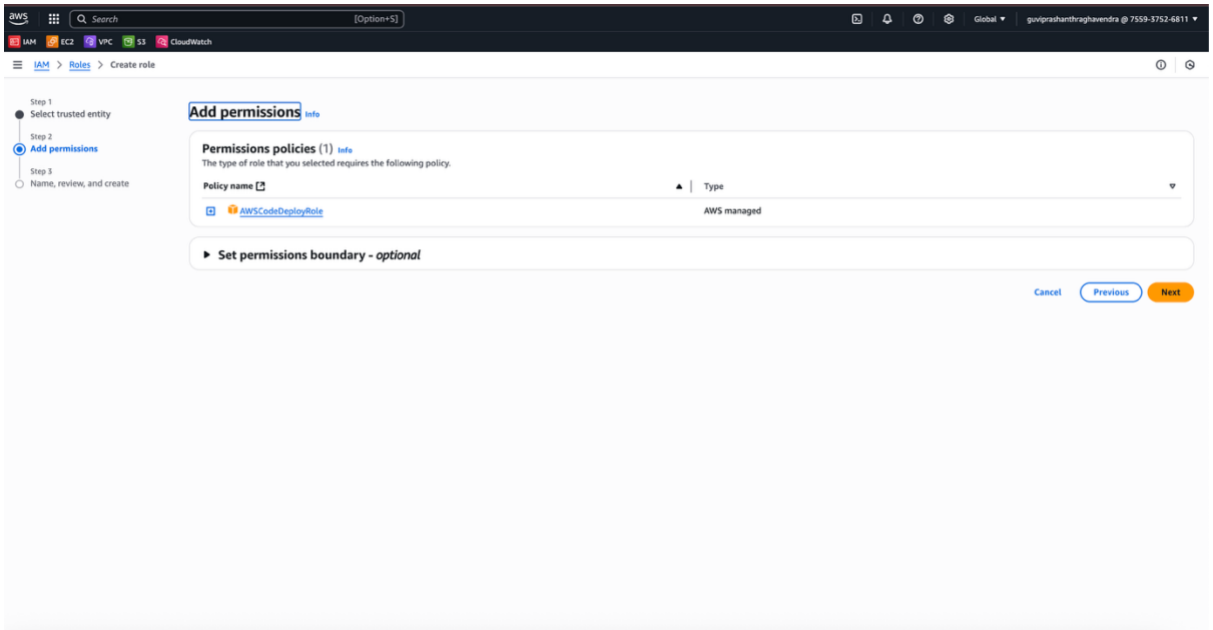
Create Code Deploy

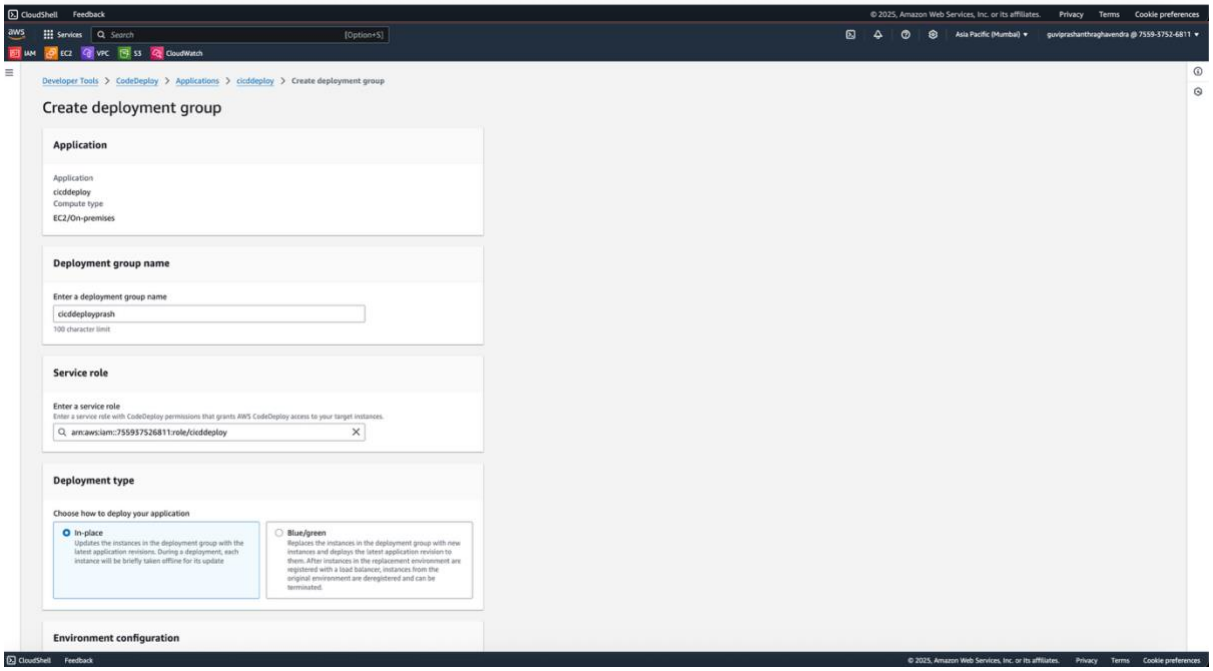





Add build stage
Step 4 of 7
Build - optional
Build provider
Commands
Other build providers
AWS CodeBuild
Project name
cicdprash
Create project
Define buildspec override - optional
Environment variables - optional
Add environment variable
Build type
Single build
Batch build
Region
Asia Pacific (Mumbai)
Input artifacts
SourceArtifact
Enable automatic retry on stage failure
Cancel
Previous
Skip build stage
Next


codepipeline-ap-south-1-2f4213b93ae3-4a2c-9194-5d09c64b438d
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (2)
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Name
Type
Last modified
Size
Storage class
cicdlogs/
Folder
cicdpipeline/
Folder


Search
[Option+S]
Global
guviprashanthraghavendra @ 7559-3752-6811
IAM
EC2
VPC
S3
CloudWatch
IAM > Roles > Create role
Step 1
Select trusted entity
Step 2
Add permissions
Step 3
Name, review, and create
Add permissions Info
Permissions policies (1) Info
The type of role that you selected requires the following policy.
Policy name
Type
AWSCodeDeployRole
AWS managed
Set permissions boundary - optional
Cancel
Previous
Next


CloudShell
Feedback
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Services
Search
[Option+S]
Asia Pacific (Mumbai)
guviprashanthraghavendra @ 7559-3752-6811
IAM
EC2
VPC
S3
CloudWatch
Developer Tools > CodeDeploy > Applications > cicddeploy > Create deployment group
Create deployment group
Application
Application
cicddeploy
Compute type
EC2/On-premises
Deployment group name
Enter a deployment group name
cicddeployprash
100 character limit
Service role
Enter a service role
Enter a service role with CodeDeploy permissions that grants AWS CodeDeploy access to your target instances.
arn:aws:iam::755937526811:role/cicddeploy
Deployment type
Choose how to deploy your application
In-place
Updates the instances in the deployment group with the latest application revisions. During a deployment, each instance will be briefly taken offline for its update
Blue/green
Replaces the instances in the deployment group with new instances and deploys the latest application revision to them. After instances in the replacement environment are registered with a load balancer, instances from the original environment are deregistered and can be terminated.
Environment configuration
CloudShell
Feedback
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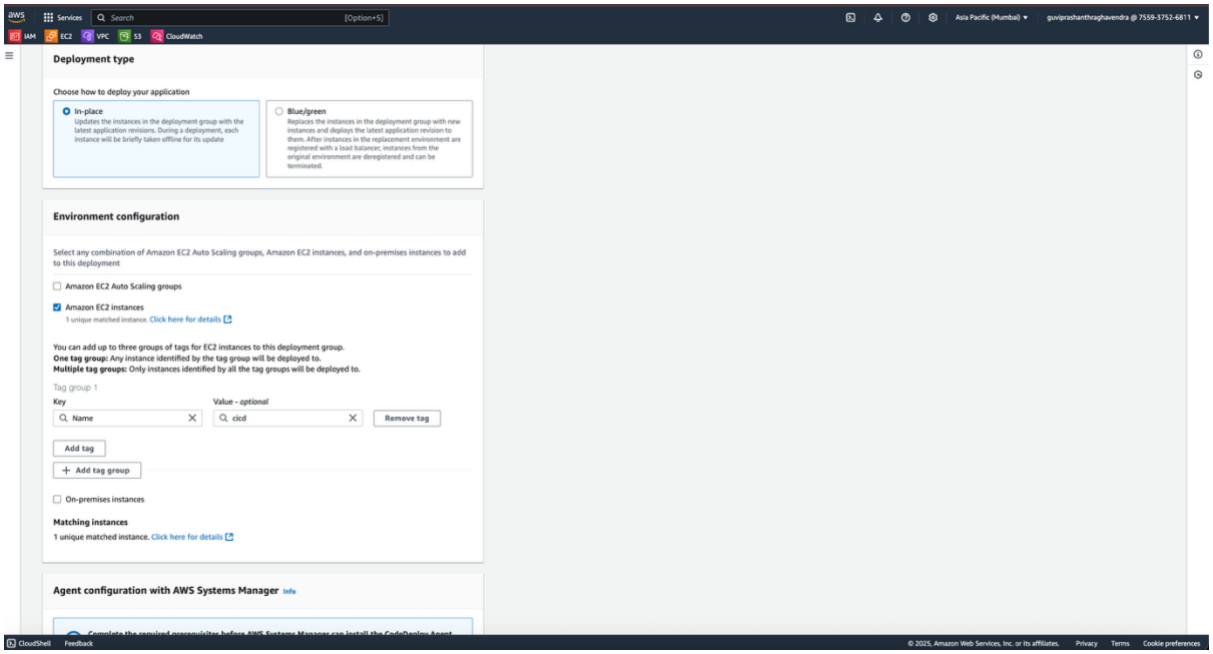
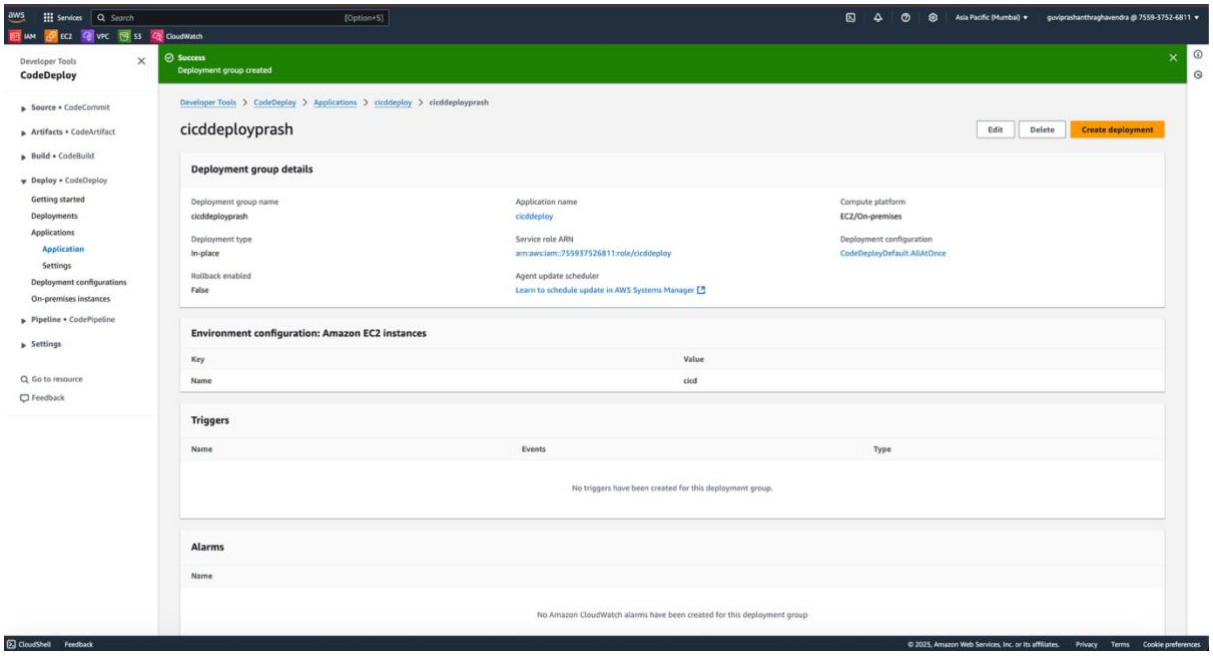
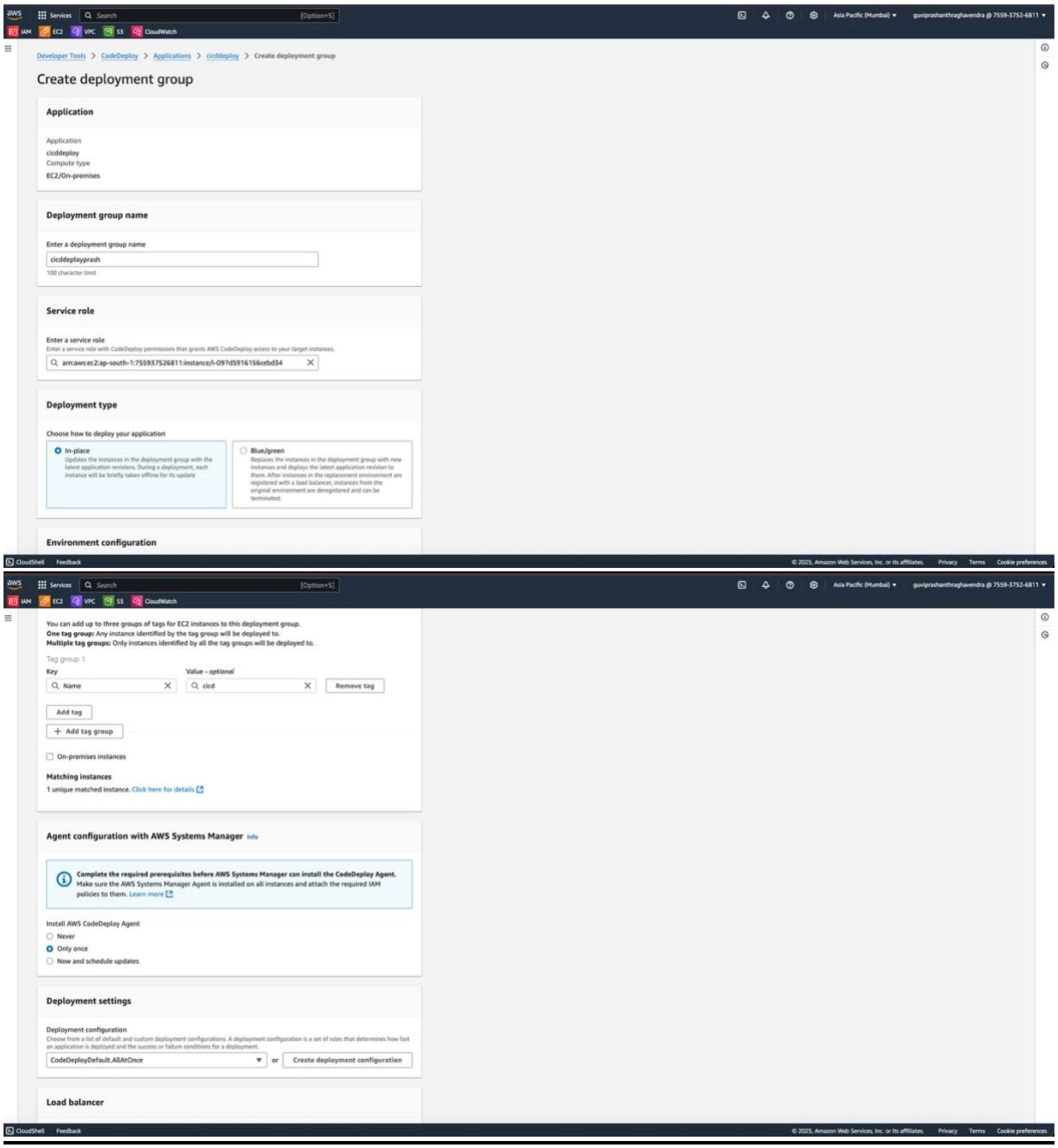
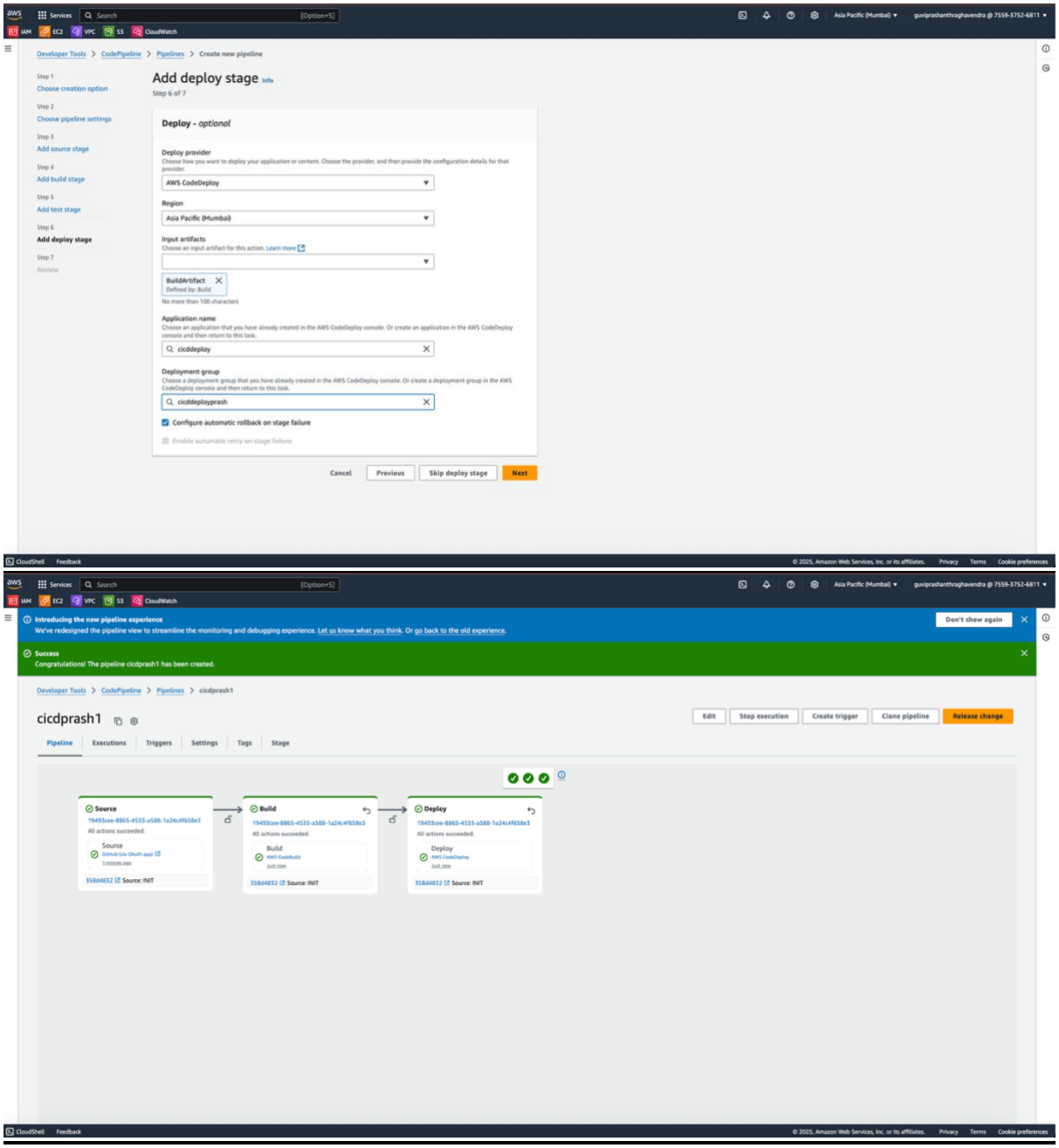

Deployment type
Choose how to deploy your application
In-place
Updates the instances in the deployment group with the latest application revisions. During a deployment, each instance will be briefly taken offline for its update
Blue/green
Replaces the instances in the deployment group with new instances and deploys the latest application revision to them. After instances in the replacement environment are registered with a load balancer, instances from the original environment are deregistered and can be terminated.
Environment configuration
Select any combination of Amazon EC2 Auto Scaling groups, Amazon EC2 instances, and on-premises instances to add to this deployment
Amazon EC2 Auto Scaling groups
Amazon EC2 instances
1 unique matched instance. Click here for details
You can add up to three groups of tags for EC2 instances to this deployment group.
One tag group: Any instance identified by the tag group will be deployed to.
Multiple tag groups: Only instances identified by all the tag groups will be deployed to.
Tag group 1
Key
Value - optional
Name
cicd
Remove tag
Add tag
Add tag group
On-premises instances
Matching instances
1 unique matched instance. Click here for details
Agent configuration with AWS Systems Manager Info

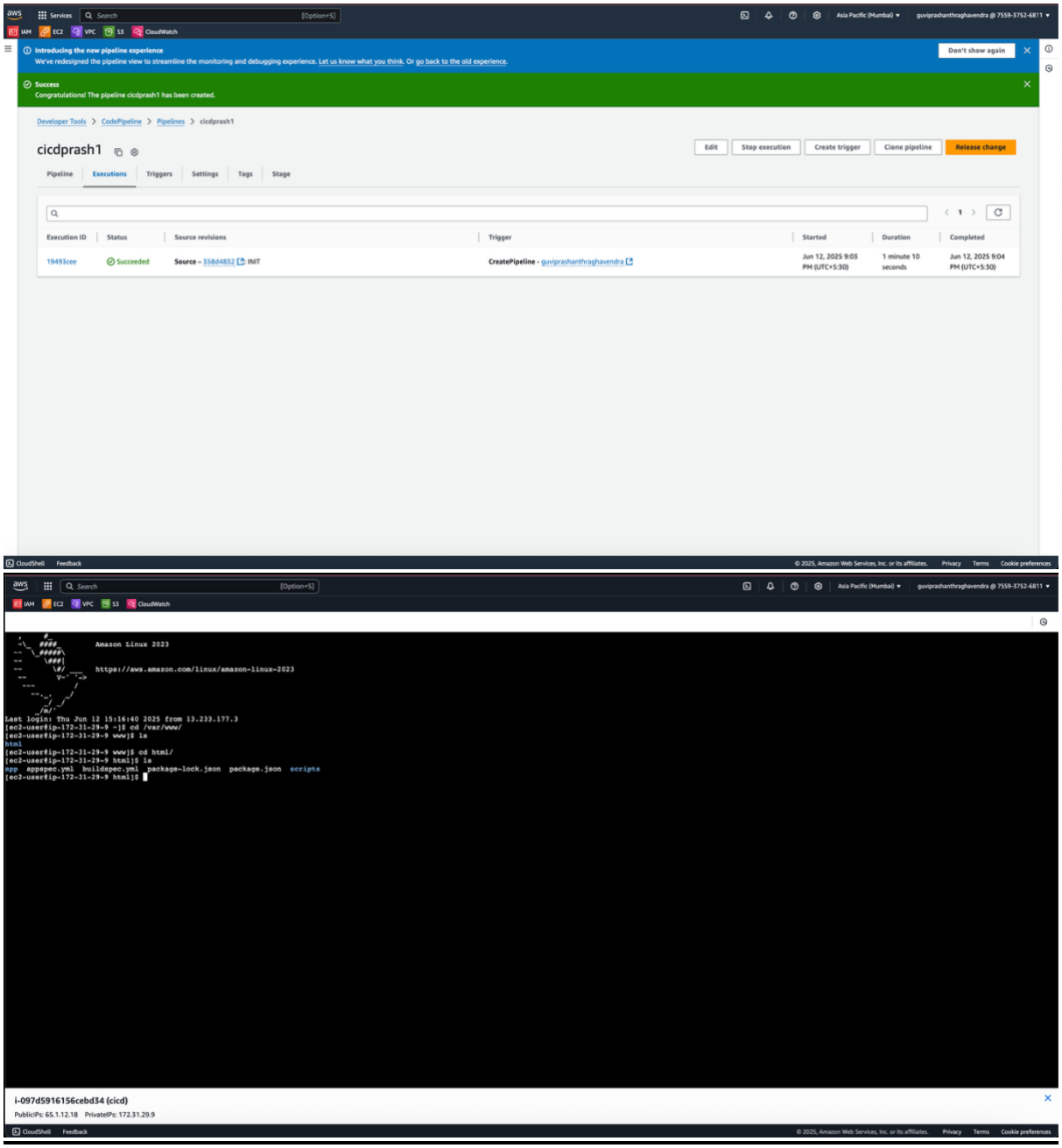

Developer Tools
CodeDeploy
Source • CodeCommit
Artifacts • CodeArtifact
Build • CodeBuild
Deploy • CodeDeploy
Getting started
Deployments
Applications
Application
Settings
Deployment configurations
On-premises instances
Pipeline • CodePipeline
Settings
Success
Deployment group created
Developer Tools > CodeDeploy > Applications > cicddeploy > cicddeployprash
cicddeployprash
Edit
Delete
Create deployment
Deployment group details
Deployment group name
cicddeployprash
Application name
cicddeploy
Compute platform
EC2/On-premises
Deployment type
In-place
Service role ARN
arn:aws:iam::755937526811:role/cicddeploy
Deployment configuration
CodeDeployDefault.AllAtOnce
Rollback enabled
False
Agent update scheduler
Learn to schedule update in AWS Systems Manager
Environment configuration: Amazon EC2 instances
Key
Value
Name
cicd
Triggers
Name
Events
Type
No triggers have been created for this deployment group.
Alarms
Name
No Amazon CloudWatch alarms have been created for this deployment group

Create Code Pipeline



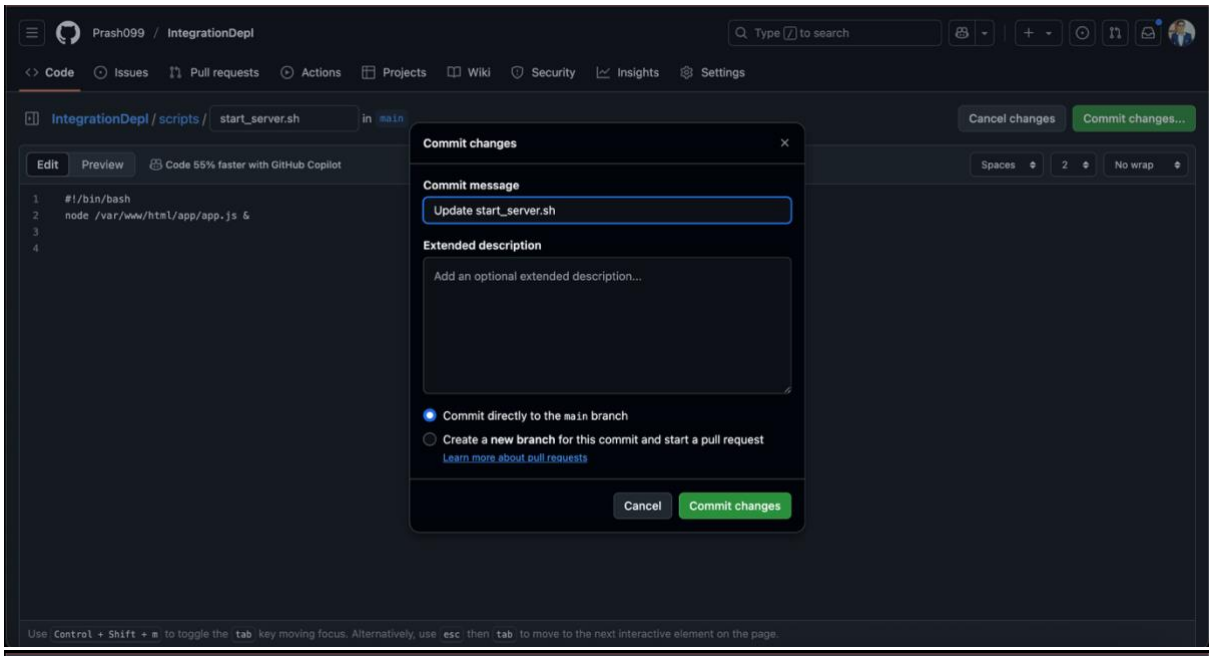

Developer Tools > CodePipeline > Pipelines > Create new pipeline
Add deploy stage
Step 6 of 7
Deploy - optional
Deploy provider
AWS CodeDeploy
Region
Asia Pacific (Mumbai)
Input artifacts
BuildArtifact
Application name
cicddeploy
Deployment group
cicddeployprash
Configure automatic rollback on stage failure
Cancel
Previous
Skip deploy stage
Next

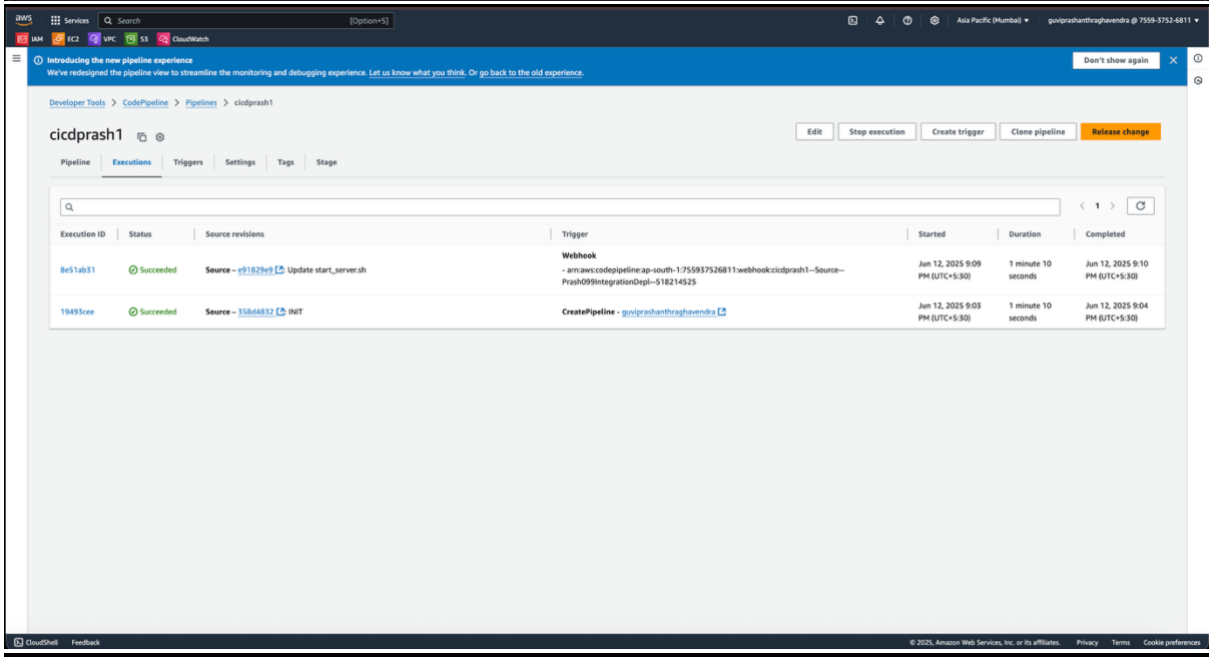
Introducing the new pipeline experience
Don't show again
Success
Congratulations! The pipeline cicdprash1 has been created.
Developer Tools > CodePipeline > Pipelines > cicdprash1
cicdprash1
Edit
Stop execution
Create trigger
Clone pipeline
Release change
Pipeline
Executions
Triggers
Settings
Tags
Stage
Source
Build
Deploy

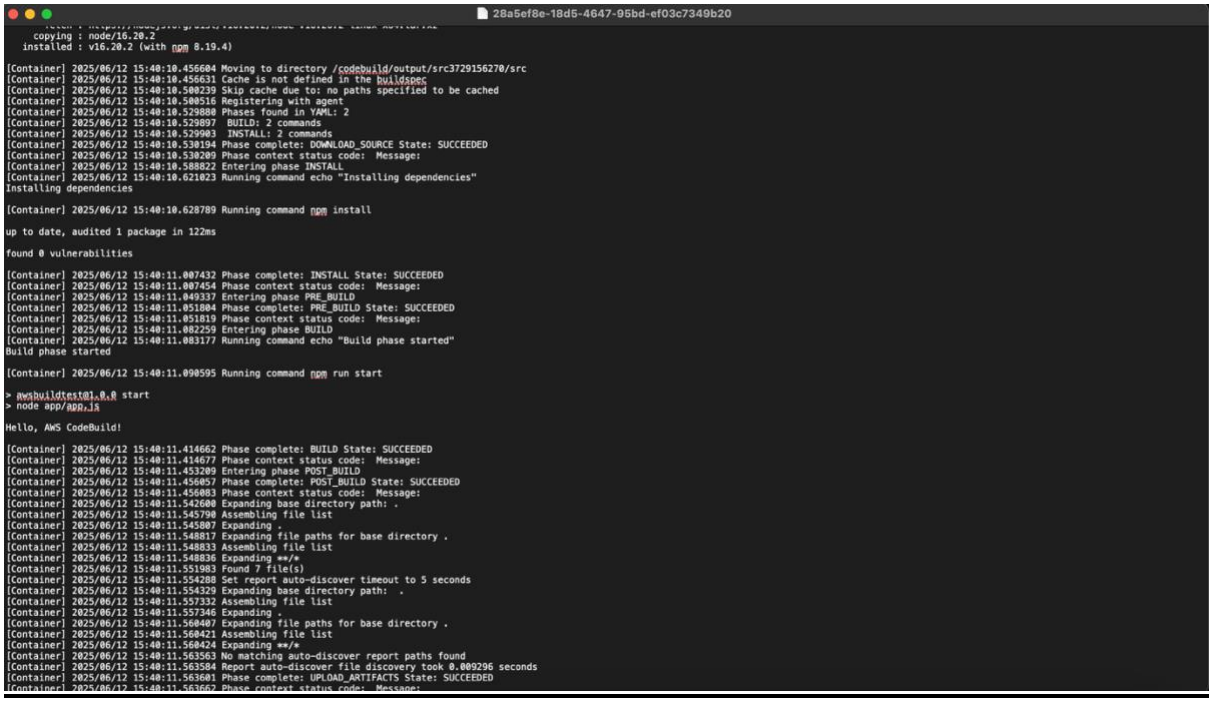

Introducing the new pipeline experience
We've redesigned the pipeline view to streamline the monitoring and debugging experience. Let us know what you think. Or go back to the old experience.
Don't show again
Success
Congratulations! The pipeline cicdprash1 has been created.
Developer Tools > CodePipeline > Pipelines > cicdprash1
cicdprash1
Edit
Stop execution
Create trigger
Clone pipeline
Release change
Pipeline
Executions
Triggers
Settings
Tags
Stage
Execution ID
Status
Source revisions
Trigger
Started
Duration
Completed
19493cee
Succeeded
Source - 358d4832 INIT
CreatePipeline - guviprashanthraghavendra
Jun 12, 2025 9:03 PM (UTC+5:30)
1 minute 10 seconds
Jun 12, 2025 9:04 PM (UTC+5:30)

Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
Last login: Thu Jun 12 15:16:40 2025 from 13.233.177.3
[ec2-user@ip-172-31-29-9 ~]$ cd /var/www/
[ec2-user@ip-172-31-29-9 www]$ ls
html
[ec2-user@ip-172-31-29-9 www]$ cd html/
[ec2-user@ip-172-31-29-9 html]$ ls
app appspec.yml buildspec.yml package-lock.json package.json scripts
[ec2-user@ip-172-31-29-9 html]$
i-097d5916156cebd34 (cicd)
PublicIPs: 65.1.12.18 PrivateIPs: 172.31.29.9

Create GitTrigger






28a5ef8e-18d5-4647-95bd-ef03c7349b20
copying : node/16.20.2
installed : v16.20.2 (with npm 8.19.4)
[Container] 2025/06/12 15:40:10.456604 Moving to directory /codebuild/output/src3729156270/src
[Container] 2025/06/12 15:40:10.456631 Cache is not defined in the buildspec
[Container] 2025/06/12 15:40:10.500239 Skip cache due to: no paths specified to be cached
[Container] 2025/06/12 15:40:10.500516 Registering with agent
[Container] 2025/06/12 15:40:10.529880 Phases found in YAML: 2
[Container] 2025/06/12 15:40:10.529897 BUILD: 2 commands
[Container] 2025/06/12 15:40:10.529903 INSTALL: 2 commands
[Container] 2025/06/12 15:40:10.530194 Phase complete: DOWNLOAD_SOURCE State: SUCCEEDED
[Container] 2025/06/12 15:40:10.530209 Phase context status code: Message:
[Container] 2025/06/12 15:40:10.588822 Entering phase INSTALL
[Container] 2025/06/12 15:40:10.621023 Running command echo "Installing dependencies"
Installing dependencies
[Container] 2025/06/12 15:40:10.628789 Running command npm install
up to date, audited 1 package in 122ms
found 0 vulnerabilities
[Container] 2025/06/12 15:40:11.007432 Phase complete: INSTALL State: SUCCEEDED
[Container] 2025/06/12 15:40:11.007454 Phase context status code: Message:
[Container] 2025/06/12 15:40:11.049337 Entering phase PRE_BUILD
[Container] 2025/06/12 15:40:11.051804 Phase complete: PRE_BUILD State: SUCCEEDED
[Container] 2025/06/12 15:40:11.051819 Phase context status code: Message:
[Container] 2025/06/12 15:40:11.082259 Entering phase BUILD
[Container] 2025/06/12 15:40:11.083177 Running command echo "Build phase started"
Build phase started
[Container] 2025/06/12 15:40:11.090595 Running command npm run start
> awsbuildtest@1.0.0 start
> node app/app.js
Hello, AWS CodeBuild!
[Container] 2025/06/12 15:40:11.414662 Phase complete: BUILD State: SUCCEEDED
[Container] 2025/06/12 15:40:11.414677 Phase context status code: Message:
[Container] 2025/06/12 15:40:11.453209 Entering phase POST_BUILD
[Container] 2025/06/12 15:40:11.456057 Phase complete: POST_BUILD State: SUCCEEDED
[Container] 2025/06/12 15:40:11.456083 Phase context status code: Message:
[Container] 2025/06/12 15:40:11.542600 Expanding base directory path: .
[Container] 2025/06/12 15:40:11.545790 Assembling file list
[Container] 2025/06/12 15:40:11.545807 Expanding .
[Container] 2025/06/12 15:40:11.548817 Expanding file paths for base directory .
[Container] 2025/06/12 15:40:11.548833 Assembling file list
[Container] 2025/06/12 15:40:11.548836 Expanding **/*
[Container] 2025/06/12 15:40:11.551983 Found 7 file(s)
[Container] 2025/06/12 15:40:11.554288 Set report auto-discover timeout to 5 seconds
[Container] 2025/06/12 15:40:11.554329 Expanding base directory path: .
[Container] 2025/06/12 15:40:11.557332 Assembling file list
[Container] 2025/06/12 15:40:11.557346 Expanding .
[Container] 2025/06/12 15:40:11.560407 Expanding file paths for base directory .
[Container] 2025/06/12 15:40:11.560421 Assembling file list
[Container] 2025/06/12 15:40:11.560424 Expanding **/*
[Container] 2025/06/12 15:40:11.563563 No matching auto-discover report paths found
[Container] 2025/06/12 15:40:11.563584 Report auto-discover file discovery took 0.000296 seconds
[Container] 2025/06/12 15:40:11.563601 Phase complete: UPLOAD_ARTIFACTS State: SUCCEEDED
[Container] 2025/06/12 15:40:11.563662 Phase context status code: Message: