


Configure environment [Info](#)


Environment tier [Info](#)

Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications.

☒ **Web server environment**

Run a website, web application, or web API that serves HTTP requests. [Learn more](#) 

☐ **Worker environment**

Run a worker application that processes long-running workloads on demand or performs tasks on a schedule. [Learn more](#) 

Application information [Info](#)

Application name

Maximum length of 100 characters.

► **Application tags (optional)**

Environment information [Info](#)

Choose the name, subdomain and description for your environment. These cannot be changed later.

Environment name

Must be from 4 to 40 characters in length. The name can contain only letters, numbers, and hyphens. It can't start or end with a hyphen. This name must be unique within a region in your account.

Domain

.us-east-1.elasticbeanstalk.com

Check availability

Platform type

☒ **Managed platform**

Platforms published and maintained by Amazon Elastic Beanstalk. [Learn more](#)

☐ Custom platform

Platforms created and owned by you. This option is unavailable if you have no platforms.

Platform

Tomcat

Platform branch

Tomcat 8.5 with Corretto 11 running on 64bit Amazon Linux 2

Platform version

4.3.13 (Recommended)

Application code [Info](#)

☒ **Sample application**

☐ Existing version

Application versions that you have uploaded.

☐ Upload your code

Upload a source bundle from your computer or copy one from Amazon S3.

Presets [Info](#)

Start from a preset that matches your use case or choose custom configuration to unset recommended values and use the service's default values.

Configuration presets

☐ Single instance (free tier eligible)


☐ Single instance (using spot instance)

☐ High availability

☐ High availability (using spot and on-demand instances)

Configure service access [Info](#)

Service access

IAM roles, assumed by Elastic Beanstalk as a service role, and EC2 instance profiles allow Elastic Beanstalk to create and manage your environment. Both the IAM role and instance profile must be attached to IAM managed policies that contain the required permissions. [Learn more](#) 

Service role


- ☒ Create and use new service role
- ☐ Use an existing service role

Service role name

Enter the name for an IAM role that Elastic Beanstalk will create to assume as a service role. Beanstalk will attach the required managed policies to it.

[View permission details](#)

EC2 key pair

Select an EC2 key pair to securely log in to your EC2 instances. [Learn more](#) 



EC2 instance profile

Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.

[View permission details](#)[Cancel](#)[Skip to review](#)[Previous](#)[Next](#)

Virtual Private Cloud (VPC)

VPC

Launch your environment in a custom VPC instead of the default VPC. You can create a VPC and subnets in the VPC management console. [Learn more](#)

vpc-03cf6df18f360dec8 | (172.31.0.0/16)

[Create custom VPC](#)

Instance settings

Choose a subnet in each AZ for the instances that run your application. To avoid exposing your instances to the Internet, run your instances in private subnets and load balancer in public subnets. To run your load balancer and instances in the same public subnets, assign public IP addresses to the instances. [Learn more](#)

Public IP address

Assign a public IP address to the Amazon EC2 instances in your environment.

☒ Activated

Instance subnets

<input checked="" type="checkbox"/>	Availability Zone	Subnet	CIDR	Name
<input checked="" type="checkbox"/>	us-east-1e	subnet-02d744271...	172.31.48.0/20	
<input checked="" type="checkbox"/>	us-east-1b	subnet-0579c758d...	172.31.80.0/20	
<input checked="" type="checkbox"/>	us-east-1f	subnet-0582ac0b1...	172.31.64.0/20	
<input checked="" type="checkbox"/>	us-east-1c	subnet-071bc9446...	172.31.16.0/20	
<input checked="" type="checkbox"/>	us-east-1a	subnet-08f66dde1...	172.31.0.0/20	
<input checked="" type="checkbox"/>	us-east-1d	subnet-0b6ea3a10...	172.31.32.0/20	

Configure instance traffic and scaling - *optional* [Info](#)

▼ Instances [Info](#)

Configure the Amazon EC2 instances that run your application.

Root volume (boot device)

Root volume type

(Container default) ▼

Size

The number of gigabytes of the root volume attached to each instance.

8

GB

IOPS

Input/output operations per second for a provisioned IOPS (SSD) volume.

100

IOPS

Throughput

The desired throughput to provision for the Amazon EBS root volume attached to your environment's EC2 instance

125

MiB/s

Amazon CloudWatch monitoring

The time interval between when metrics are reported from the EC2 instances

Monitoring interval

5 minute ▼

Instance metadata service (IMDS)

Your environment's platform supports both IMDSv1 and IMDSv2. To enforce IMDSv2, deactivate IMDSv1. [Learn more](#) [↗](#)

IMDSv1

With the current setting, the environment enables only IMDSv1.

EC2 security groups

Select security groups to control traffic.

EC2 security groups (1)

Q

Filter security groups

☐

Group name

▲

Group ID

▼

Name

▼

☐

default

sg-0fa5af3822353f94f

▼ Capacity [Info](#)

Configure the compute capacity of your environment and auto scaling settings to optimize the number of instances used.

Auto scaling group

Environment type

Select a single-instance or load-balanced environment. You can develop and test an application in a single-instance environment to save costs and then upgrade to a load-balanced environment when the application is ready for production. [Learn more](#)

Load balanced

Instances

2

Min

3

Max

Fleet composition

Spot instances are launched at the lowest available price. [Learn more](#)

- ☒ On-Demand instances
- ☐ Combine purchase options and instances

Maximum spot price

The maximum price per instance-hour, in USD, that you're willing to pay for a Spot Instance. Setting a custom price limits your chances to fulfill your target capacity using Spot Instances.

Architecture

The processor architecture determines the instance types that are made available. You can't change this selection after you create the environment. [Learn more](#)

☒ x86_64

This architecture uses x86 processors and is compatible with most third-party tools and libraries.

☐ arm64 - new

This architecture uses AWS Graviton2 processors. You might have to recompile some third-party tools and libraries.

Instance types

Add instance types for your fleet. Change the order that the instances are in to set the preferred launch order. This only affects On-Demand instances. We recommend you include at least two instance types. [Learn more](#)

Choose x86 instance types ▼

t2.micro ✕

AMI ID

Elastic Beanstalk selects a default Amazon Machine Image (AMI) for your environment based on the Region, platform version, and processor architecture that you choose. [Learn more](#)

ami-08999a3a60a2247dc

Availability Zones

Number of Availability Zones (AZs) to use.

Any ▼

Placement

Specify Availability Zones (AZs) to use.

Choose Availability Zones (AZs) ▼

Scaling cooldown

360 seconds

Scaling triggers

Metric

Change the metric that is monitored to determine if the environment's capacity is too low or too high.

NetworkOut ▼

Statistic



us-east-1d

subnet-0b6ea3a1...

172.31.32.0/20

Load Balancer Type

☒ **Application load balancer**

Application layer load balancer—routing HTTP and HTTPS traffic based on protocol, port, and route to environment processes.

☐ **Classic load balancer**

Previous generation — HTTP, HTTPS, and TCP

☐ **Network load balancer**

Ultra-high performance and static IP addresses for your application.

☒ **Dedicated**

Use a load balancer that Elastic Beanstalk creates exclusively for this environment.

☐ **Shared**

Use a load balancer that someone in your account created. It can be shared among multiple Elastic Beanstalk environments.

Listeners

You can specify listeners for your load balancer. Each listener routes incoming client traffic on a specified port using a specified protocol to your environment processes. By default, we've configured your load balancer with a standard web server on port 80.

Actions ▼

Add listener

	Listener Port ▲	Listener Protocol ▼	SSL certificate ▼	Default process ▼	Enabled ▼
<input type="radio"/>	80	HTTP	—	default	<input checked="" type="checkbox"/>

Processes

For each environment process, you can specify the protocol and port that the load balancer uses to route requests to the process. You can also specify how the load balancer performs process health checks.

Activate managed platform updates to apply platform updates automatically during a weekly maintenance window that you choose. Your application stays available during the update process.

Managed updates

☒ Activated

Weekly update window

Wednesday ▼ at 19 ▼ : 32 ▼ UTC

Update level

Minor and patch ▼

Instance replacement

If enabled, an instance replacement will be scheduled if no other updates are available.

☐ Activated

▼ Email notifications [Info](#)

Enter an email address to receive email notifications for important events from your environment. [Learn more](#) [↗](#)

Email

jsalman2397@gmail.com

▼ Rolling updates and deployments [Info](#)

Application deployments

Choose how Amazon Elastic Beanstalk propagates source code changes and software configuration updates. [Learn more](#) [↗](#)

Deployment policy

All at once ▼

Batch size type

☒ Percentage

Application deployments

Choose how Amazon Elastic Beanstalk propagates source code changes and software configuration updates. [Learn more](#)

Deployment policy

Rolling

Batch size type

☒ Percentage

☐ Fixed

Deployment batch size

50

% instances at a time

Traffic Split

% to new application versions

Traffic splitting evaluation time

minutes

Configuration updates

Changes to virtual machine settings and VPC configuration trigger rolling updates to replace the instances in your environment without downtime. [Learn more](#)

Rolling update type

Deactivated

Batch Size

The maximum number of instances to replace in each phase of the update.

instances

Minimum capacity

The minimum number of instances to keep in service at all times.

instances

JDBC_CONNECTION_STRING typically refers to the connection string used to establish a connection to a relational database using Java Database Connectivity (JDBC)

X-Ray daemon

(service charges may apply.)

☐ Activated

S3 log storage

Configure the instances in your environment to upload rotated logs to Amazon S3. [Learn more](#)

Rotate logs

(standard S3 charges apply.)

☐ Activated

Instance log streaming to CloudWatch logs

Configure the instances in your environment to stream logs to CloudWatch logs. You can set the retention to up to 10 years and configure Elastic Beanstalk to delete the logs when you terminate your environment. [Learn more](#)

Log streaming

(standard CloudWatch charges apply.)

☐ Activated

Retention

7

Lifecycle

Keep logs after terminating envir...

Environment properties

The following properties are passed in the application as environment properties. [Learn more](#)

Name

Value

JDBC_CONNECTION_STRING

Remove

Add environment property

Congratulations

Your first AWS Elastic Beanstalk Application is now running on your own dedicated environment in the AWS Cloud

What's Next?

- [Learn how to build, deploy and manage your own applications using AWS Elastic Beanstalk](#)
- [AWS Elastic Beanstalk concepts](#)
- [Learn how to create new application versions](#)
- [Learn how to manage your application environments](#)

Download the AWS Reference Application

- [Explore a fully-featured reference application using the AWS SDK for Java](#)

AWS Toolkit for Eclipse

- [Developers may build and deploy AWS Elastic Beanstalk applications directly from Eclipse](#)
- [Get started with Eclipse and AWS Elastic Beanstalk by watching this video](#)
- [View all AWS Elastic Beanstalk documentation](#)

Elastic Beanstalk > Environments > preprod

preprodInfo

Actions

Upload and deploy

Environment overview

Health

Ok - View causes

Domain

Environment ID

e-39cmpqnhhg

Application name

Platform

Change version

PlatformTomcat 8.5 with Corretto 11 running on 64bit Amazon Linux 2/4.3.13

Running version-

Platform state

Supported

EventsHealthLogsMonitoringAlarmsManaged updatesTags

Events (20)Info

Filter events by text, property or value

Time	Type	Details
November 14, 2023 13:36:40 (UTC+5:30)	INFO	Added instances [i-0123b2450dd026765, i-0e0aa34a39da9a321] to your environment.
November 14, 2023 13:36:40 (UTC+5:30)	INFO	Environment health has transitioned from Pending to Ok. Initialization completed 10 seconds ago and took 3 minutes.
November 14, 2023 13:36:36 (UTC+5:30)	INFO	Successfully launched environment: preprod
November 14, 2023 13:36:33 (UTC+5:30)	INFO	Application available at preprodcanary.us-east-1.elasticbeanstalk.com.
November 14, 2023 13:36:20 (UTC+5:30)	INFO	Instance deployment completed successfully.
November 14, 2023 13:36:17 (UTC+5:30)	INFO	Created Load Balancer listener named: arn:aws:elasticloadbalancing:us-east-1:435734111523:listener/app/awseb--AWS-

Environment overview

Health

Ok - View causes

Domain

Environment ID

e-39cmpqnhhg

Application name

Platform

Change version

PlatformTomcat 8.5 with Corretto 11 running on 64bit Amazon Linux 2/4.3.13

Running version-

Platform state

Supported

EventsHealthLogsMonitoringAlarmsManaged updatesTags

Overall healthInfo

Overall health

Requests / second	2XX responses	3XX responses	4XX responses	5xx responses
0.6	6	-	-	-
P99 latency(ms)	P90 latency(ms)	P75 latency(ms)	P50 latency(ms)	P10 latency(ms)
3.5	3.5	3.5	2.5	2.5

Enhanced instance health (2)Info

Enhanced instance health

	Instance ID	Status	Running time	Deployment ID	Requests/sec	2xx Responses	3xx Responses	4xx Responses	5xx Responses	P99 Lat
	i-0e0aa34a39...	Ok	4 minutes	1	0.3	3	-	-	-	0.005
	i-0123b2450d...	Ok	4 minutes	1	0.3	2	-	1	-	0.016

Create RDS

Allow port 3306 in RDS SG from Beanstalk SG

Init DB

Ssh to BS instance

INstall MYSQL client

Deploy db_backup.sql file

Update health check

Create database

Choose a database creation method [Info](#)

☒ **Standard create**

You set all of the configuration options, including ones for availability, security, backups, and maintenance.

☐ **Easy create**

Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

Engine options

Engine type [Info](#)

☐ Aurora (MySQL Compatible)



☐ Aurora (PostgreSQL Compatible)



☒ **MySQL**



☐ MariaDB



☐ PostgreSQL



☐ Oracle



☐ Microsoft SQL Server



Edition

☒ MySQL Community



Known issues/limitations

Review the [Known issues/limitations](#) to learn about potential compatibility issues with specific database versions.

▼ Hide filters



Show versions that support the Multi-AZ DB cluster [Info](#)

Create a Multi-AZ DB cluster with one primary DB instance and two readable standby DB instances. Multi-AZ DB clusters provide up to 2x faster transaction commit latency and automatic failover in typically under 35 seconds.



Show versions that support the Amazon RDS Optimized Writes [Info](#)

Amazon RDS Optimized Writes improves write throughput by up to 2x at no additional cost.

Engine Version

MySQL 5.7.44



MySQL engine versions earlier than 8.0.17 don't support the newest m6g or r6g generation instance classes.

Templates

Choose a sample template to meet your use case.



Production

Use defaults for high availability and fast, consistent performance.



Dev/Test

This instance is intended for development use outside of a production environment.



Free tier

Use RDS Free Tier to develop new applications, test existing applications, or gain hands-on experience with Amazon RDS. [Info](#)

DB instance identifier [Info](#)

Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ Credentials Settings



Master username [Info](#)

Type a login ID for the master user of your DB instance.

1 to 16 alphanumeric characters. The first character must be a letter.

☒ Manage master credentials in AWS Secrets Manager


Manage master user credentials in Secrets Manager. RDS can generate a password for you and manage it throughout its lifecycle.

 If you manage the master user credentials in Secrets Manager, some RDS features aren't supported. [Learn more](#) 

Select the encryption key [Info](#)

You can encrypt using the KMS key that Secrets Manager creates or a customer managed KMS key that you create.



[Add new key](#) 

Instance configuration

The DB instance configuration options below are limited to those supported by the engine that you selected above.

DB instance class [Info](#)

Instance configuration

The DB instance configuration options below are limited to those supported by the engine that you selected above.

DB instance class [Info](#)

▼ Hide filters

- ☐ Include previous generation classes
- ☐ Standard classes (includes m classes)
- ☐ Memory optimized classes (includes r and x classes)
- ☒ Burstable classes (includes t classes)

db.t3.micro

2 vCPUs 1 GiB RAM Network: 2,085 Mbps

Storage

Storage type [Info](#)

General Purpose SSD (gp2)



Baseline performance determined by volume size

Allocated storage [Info](#)

20

GiB

The minimum value is 20 GiB and the maximum value is 6,144 GiB

 After you modify the storage for a DB instance, the status of the DB instance will be in storage-optimization. Your instance will remain available as the storage-optimization operation completes. [Learn more](#) 

► Storage autoscaling

connectivity settings so that the compute resource can connect to this database.

- ☒ **Don't connect to an EC2 compute resource**
Don't set up a connection to a compute resource for this database. You can manually set up a connection to a compute resource later.

- ☐ **Connect to an EC2 compute resource**
Set up a connection to an EC2 compute resource for this database.

Network type [Info](#)

To use dual-stack mode, make sure that you associate an IPv6 CIDR block with a subnet in the VPC you specify.

- ☒ **IPv4**
Your resources can communicate only over the IPv4 addressing protocol.


- ☐ **Dual-stack mode**
Your resources can communicate over IPv4, IPv6, or both.

Virtual private cloud (VPC) [Info](#)

Choose the VPC. The VPC defines the virtual networking environment for this DB instance.

Default VPC (vpc-03cf6df18f360dec8)
6 Subnets, 6 Availability Zones

Only VPCs with a corresponding DB subnet group are listed.

 **After a database is created, you can't change its VPC.**

DB subnet group [Info](#)

Choose the DB subnet group. The DB subnet group defines which subnets and IP ranges the DB instance can use in the VPC that you selected.

default

Public access [Info](#)

- ☐ **Yes**
RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your database. Resources inside the VPC can also connect to the database. Choose one or more VPC security groups that specify which resources can connect to the database.
- ☒ **No**
RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.

VPC security group (firewall) [Info](#)

Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.

- ☒ **Choose existing**
Choose existing VPC security groups

- ☐ **Create new**
Create new VPC security group

VPC security group (networking info)

Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.

☐ **Choose existing**

Choose existing VPC security groups

☒ **Create new**

Create new VPC security group

New VPC security group name

preprodDB-sg

Availability Zone [Info](#)

No preference ▼

Certificate authority - optional [Info](#)

Using a server certificate provides an extra layer of security by validating that the connection is being made to an Amazon database. It does so by checking the server certificate that is automatically installed on all databases that you provision.

rds-ca-2019 (default) ▼

Expiry: Aug 22, 2024

If you don't select a certificate authority, RDS chooses one for you.

► Additional configuration

Database authentication

Database authentication options [Info](#)

☒ **Password authentication**

Authenticates using database passwords.

☐ **Password and IAM database authentication**

Authenticates using the database password and user credentials through AWS IAM users and roles.

☐ **Password and Kerberos authentication**

Choose a directory in which you want to allow authorized users to authenticate with this DB instance using Kerberos Authentication.

▼ Additional configuration

Database options, encryption turned on, backup turned on, backtrack turned off, maintenance, CloudWatch Logs, delete protection turned off.

Database options

Initial database name [Info](#)

Accounts

If you do not specify a database name, Amazon RDS does not create a database.

DB parameter group [Info](#)

default.mysql5.7 ▼



Option group [Info](#)

default:mysql-5-7 ▼

Backup

☒ Enable automated backups

Creates a point-in-time snapshot of your database

 Please note that automated backups are currently supported for InnoDB storage engine only. If you are using MyISAM, refer to details [here](#) .

Backup retention period [Info](#)

The number of days (1-35) for which automatic backups are kept.

1 ▼

day

Backup window [Info](#)

The daily time range (in UTC) during which RDS takes automated backups.

☐ Choose a window

Backup replication [Info](#)

☐ **Enable replication in another AWS Region**

Enabling replication automatically creates backups of your DB instance in the selected Region, for disaster recovery, in addition to the current Region.

Encryption

☒ **Enable encryption**

Choose to encrypt the given instance. Master key IDs and aliases appear in the list after they have been created using the AWS Key Management Service console. [Info](#)

AWS KMS key [Info](#)

(default) aws/rds

Account

435734111523

KMS key ID

alias/aws/rds

Log exports

Select the log types to publish to Amazon CloudWatch Logs

- ☐ Audit log
- ☐ Error log
- ☐ General log
- ☐ Slow query log

IAM role

The following service-linked role is used for publishing logs to CloudWatch Logs.

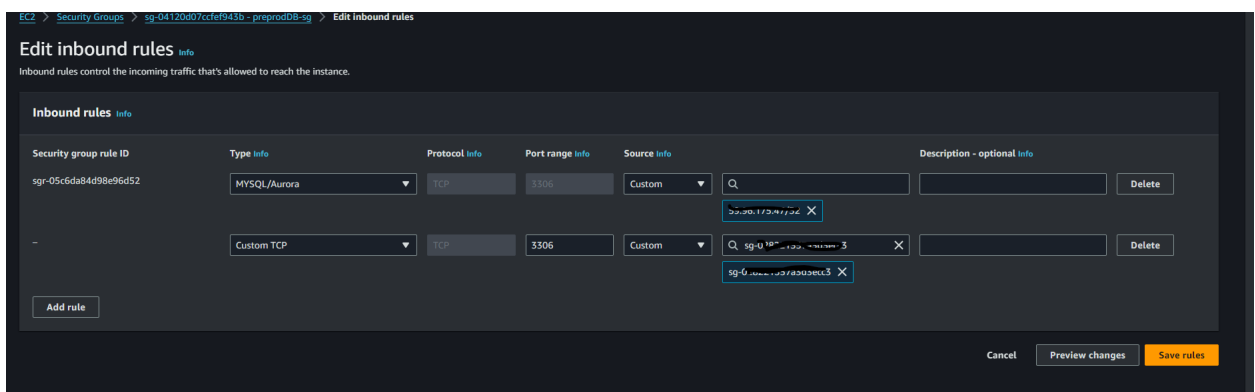
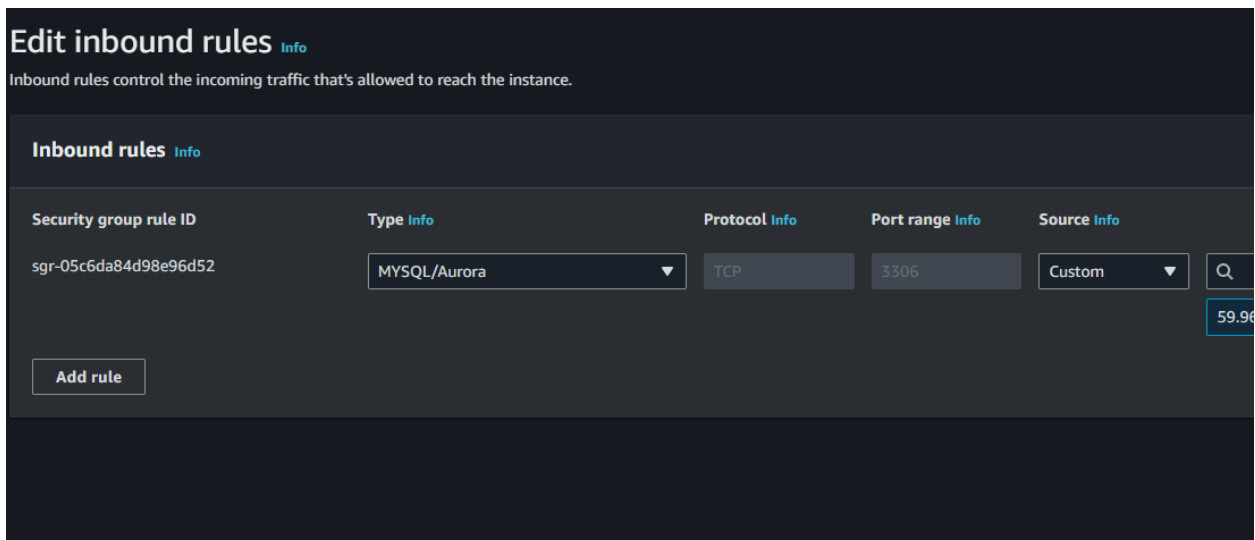
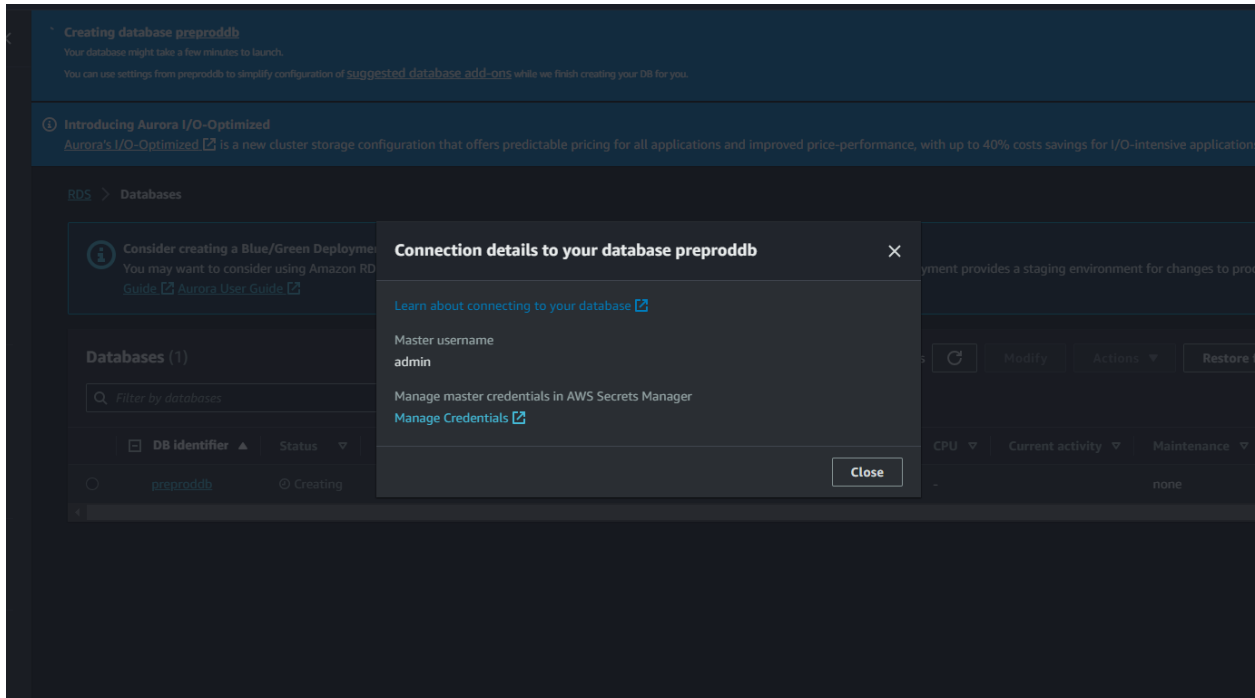
RDS service-linked role

Maintenance

Auto minor version upgrade [Info](#)

☒ **Enable auto minor version upgrade**

Enabling auto minor version upgrade will automatically upgrade to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the



connect SG of Instance to SG of RDS (3306)

ELASTIC BEANSTALK

Amazon Linux 2 AMI

This EC2 instance is managed by AWS Elastic Beanstalk. Changes made via SSH WILL BE LOST if the instance is replaced by auto-scaling. For more information on customizing your Elastic Beanstalk environment, see our documentation here: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/customize-containers-ec2.html>

ec2-user@ip-172-31-28-124 ~]\$ sudo vi

yum install mariadb

mysql -h preproddb.cwvkmjbyihka.us-east-1.rds.amazonaws.com -u admin -p

ls src/main/resources/db_backup.sql

**mysql -h preproddb.cwvkmjbyihka.us-east-1.rds.amazonaws.com -u admin -p'Passws'
Accounts < src/main/resources/db_backup.sql**

Services

Search

Listener Port ▲

Listener Protocol ▼

SSL certificate ▼

Default process ▼

80

HTTP

—

default

Processes

For each environment process, you can specify the protocol and port that the load balancer uses to route requests. You can also specify how the load balancer performs process health checks.

Name ▼	Port ▼	Protocol ▼	HTTP code ▼	Health check path ▼
default	80	HTTP	/	/login

Rules

Your load balancer routes requests to environment processes based on rules. Rules are evaluated by Elastic Beanstalk configures a default rule for each listener. Each default rule routes all traffic to the default listener, and has the last priority among all rules of that listener. If a request doesn't match the conditions of a rule, the request is routed to the listener's default process.

Name ▲	Listener ports	Priority ▼	Host headers ▼
No additional listener rules are currently configured. Click Add rule to add a listener rule.			

Add process

Name

default

Port

80

Protocol

HTTP ▼

▼ Health check

HTTP code

HTTP status code of a healthy instance in your environment.

200

Path

Path to which the load balancer sends HTTP health check requests.

/login

Timeout

Amount of time to wait for a health check response.

5

seconds

Interval

Amount of time between health checks of an individual instance. The interval must be greater than the timeout.

15

seconds

Unhealthy threshold

The number of consecutive health check failures required to designate the instance as unhealthy.

5

requests

Healthy threshold

Deregistration delay

Amount of time to wait for active requests to complete before deregistering.

seconds

▼ Sessions

The following settings let you control whether the load balancer routes requests for the same session to the Amazon EC2 instance with the smallest load, or consistently to the same instance.

Session stickiness

☒ Enabled

Cookie duration

Lifetime of the sticky session cookie between an Amazon EC2 instance and the load balancer.

Cancel

Save

Events
Health
Logs
Monitoring
Alarms
Managed updates
Tags

Events (25) Info

Filter events by text, property or value

< 1 2 >

Time	Type	Details
November 14, 2023 15:03:32 (UTC+5:30)	WARN	Environment health has transitioned from Ok to Severe. 100.0 % of the requests are erroring with HTTP 4xx. Insufficient request rate (36.0 requests/min) to determine application health. ELB processes are not healthy on all instances. ELB health is failing or not available for all instances.
November 14, 2023 15:00:40 (UTC+5:30)	INFO	Environment update completed successfully.
November 14, 2023 15:00:40 (UTC+5:30)	INFO	Successfully deployed new configuration to environment.
November 14, 2023 14:59:47 (UTC+5:30)	INFO	Updating environment preprod's configuration settings.

← → ↺ 🏠 ⚠ Not secure preprodcanary.us-east-1.elasticbeanstalk.com/login

HTTP Status 404 – Not Found

Type Status Report

Message The requested resource [/login] is not available

Description The origin server did not find a current representation for the target resource or is not willing to disclose that one exists.

Apache Tomcat/8.5.94

Now do code commit
profilerepo

AWS
Services
Search
[Alt+S]
N. Virginia

Cloud9

Developer Tools
CodeCommit

Developer Tools > CodeCommit > Repositories

Repositories Info

Notify Clone URL View repository Delete repository Create repository

Name Description Last modified Clone URL

No results
There are no results to display.

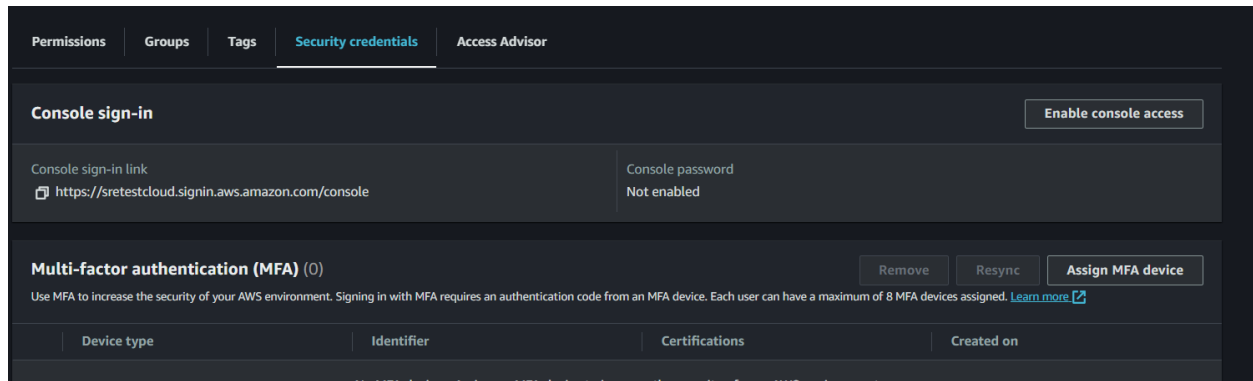
Add User: CODEADMIN

Create policy

The screenshot displays the AWS IAM Policy Editor interface. At the top, there's a 'Policy editor' header with tabs for 'Visual' (selected), 'JSON', and 'Actions'. Below this, the 'CodeCommit' policy is shown with a green 'Allow' button and 'All actions' selected. The main section is titled 'Specify what actions can be performed on specific resources in CodeCommit.' Under 'Actions allowed', there's a search bar 'Filter Actions' and a list of actions. The 'Manual actions | Add actions' section shows 'All CodeCommit actions (codecommit:*)' selected. The 'Access level' section shows 'List (Selected 8/8)', 'Read (Selected 34/34)', 'Write (Selected 45/45)', and 'Tagging (Selected 2/2)'. The 'Resources' section is partially visible. A modal dialog titled 'Specify ARN(s)' is open, showing options for 'Resource in' (This account), 'Resource region' (us-east-1), 'Resource repository name' (preprod-coderepo), and 'Resource ARN' (arn:aws:codecommit:us-east-1:435734111523:preprod-coderepo). The modal has 'Cancel' and 'Add ARNs' buttons. At the bottom of the main interface, there's a status bar showing 'Security: 0', 'Errors: 0', 'Warnings: 0', and 'Suggestions: 2'.

Gen a key

Ssh-keygen.exe



```
(/c/Users/Guest Login/.ssh/id_rsa): /c/Users/Guest Login/.ssh/preprod-coderepo_rsa
```

```
cat preprod-coderepo_rsa.pub
```

Create config file –if codecommit is done use this login

Host git-codecommit.*.amazonaws.com

User APKAWK46G4URVCGN27HW

IdentityFile ~/.ssh/preprod-coderepo_rsa

Host git-preprod-coderepo.*.amazonaws.com

User APKAWK46G4URVCGN27HW

IdentityFile ~/.ssh/preprod-coderepo_rsa

```
ssh git-codecommit.us-east-1.amazonaws.com
```

```
git clone ssh://git-codecommit.us-east-1.amazonaws.com/v1/repos/profilerepo
```

FINALLY:

```
cat .git/config
```

```
[core]
```

```
repositoryformatversion = 0
```

```
filemode = false
```

```
bare = false
```

```
logallrefupdates = true
```

```
symlinks = false
```

```
ignorecase = true
[remote "origin"]
    url = ssh://git-codecommit.us-east-1.amazonaws.com/v1/repos/profilerepo
    fetch = +refs/heads/*:refs/remotes/origin/*
```

```
# Remove the 'profilerepo/' directory recursively
rm -rf profilerepo/
```

```
# Remove all files in 'profilerepo/'
rm -f profilerepo/*
```

```
# Display the content of the 'config' file
cat config
```

```
# Navigate to the home directory
cd
```

```
# Navigate to the '/tmp/' directory
cd /tmp/
```

```
# Clone the CodeCommit repository 'profilerepo' using SSH
git clone ssh://git-codecommit.us-east-1.amazonaws.com/v1/repos/profilerepo
```

```
# Navigate to the home directory
cd
```

```
# Clone the GitHub repository 'vprofile-project.git' using HTTPS
git clone https://github.com/devopshydclub/vprofile-project.git
```

```
# List the contents of the current directory
ls
```

```
# List the contents of the current directory again
ls
```

```
# Navigate to the 'vprofile-project/' directory
cd vprofile-project/
```

```
# List the contents of the 'vprofile-project/' directory
ls
```

Incorrect command - 'git checout master', corrected to 'git checkout master'
git checkout master

Corrected command - 'git checout master' to 'git checkout master'
git checkout master

List the contents of the current directory
ls

List the contents of the current directory again
ls

Navigate to the home directory
cd

Incorrect command - 'vprofile-project > /tmp/', corrected to 'cp -r vprofile-project /tmp/'
cp -r vprofile-project /tmp/

List the contents of the current directory
ls

Navigate to the 'vprofile-project/' directory
cd vprofile-project/

List the contents of the 'vprofile-project/' directory
ls

Navigate to the '/tmp/' directory
cd /tmp/

List the contents of the '/tmp/' directory
ls

Navigate to the home directory
cd

Navigate to the 'vprofile-project/' directory
cd vprofile-project/

List the contents of the 'vprofile-project/' directory
ls

List all remote branches, extract branch names, and store them in a file

```
git branch -a | grep -v HEAD | cut -d '/' -f3 | grep -v master > /tmp/branches

# Display the content of the '/tmp/branches' file
cat /tmp/branches

# Incorrect loop syntax - 'for i in 'cat /tmp/branches"', corrected to 'for i in $(cat /tmp/branches)'
for i in $(cat /tmp/branches); do echo $i; done

# Display the content of the '/tmp/branches' file
cat /tmp/branches

# Corrected loop syntax - 'for i in $(cat /tmp/branches); do echo $i; done'
for i in $(cat /tmp/branches); do echo $i; done

# Checkout each branch listed in '/tmp/branches'
for i in $(cat /tmp/branches); do git checkout $i; done

# Fetch tags from the remote repository
git fetch --tags

# Remove the existing remote 'origin' and add a new 'origin' pointing to the CodeCommit
repository using SSH
git remote rm origin
git remote add origin ssh://git-codecommit.us-east-1.amazonaws.com/v1/repos/profilerepo

# Display the content of the '.git/config' file
cat .git/config

# Display the command history
History

git push origin --all
```

Build

preprod-build

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

profilerepo

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.

vp-rem

Commit ID - optional

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

Source version info

refs/heads/vp-rem

Docker will create run and die

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

Ubuntu ▼

Runtime(s)

Standard ▼

Image

aws/codebuild/standard:5.0 ▼

Image version

Always use the latest image for this runtime version ▼

☐ Use GPU-enhanced compute

Privileged

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

Service role

Codebuild-preprod-build-service-role

Builspec yaml file

Replace pwd with rds pwd

Directory path - *optional*

Mount point

Mount options - *optional*

Add file system

Buildspec

Build specifications

☐ Use a buildspec file

Store build commands in a YAML-formatted buildspec file

☒ Insert build commands

Store build commands as build project configuration

Build commands

```
1 version: 0.2
2
3 #env:
4 #variables:
5 # key: "value"
6 # key: "value"
7 #parameter-store:
8 # key: "value"
```

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

elasticbeanstalk-us-east-1-435734111523

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.

☐ 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.

Build test

Build started

You have successfully started the following build: preprod-build:9ae8d8a0-c712-4b1f-a180-0e928db57b89

Developer Tools > CodeBuild > Build projects > preprod-build > preprod-build:9ae8d8a0-c712-4b1f-a180-0e928db57b89

preprod-build:9ae8d8a0-c712-4b1f-a180-0e928db57b89

Stop buildRetry build

Build status

Status	Initiator	Build ARN	Resolved source version
In progress	root	arn:aws:codebuild:us-east-1:435734111523:build/preprod-build:9ae8d8a0-c712-4b1f-a180-0e928db57b89	-
Start time	End time	Build number	
Nov 14, 2023 6:34 PM (UTC+5:30)	-	1	

Build logsPhase detailsReportsEnvironment variablesBuild detailsResource utilization

Showing the last 5000 lines of the build log.

Tail logs

Build logs	Phase details	Reports	Environment variables	Build details	Resource utilization
Name	Status	Context	Duration	Start time	End time
SUBMITTED	⊙ Succeeded	-	<1 sec	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
QUEUED	⊙ Succeeded	-	<1 sec	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
PROVISIONING	⊙ Succeeded	-	15 secs	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
DOWNLOAD_SOURCE	-	-	-	Nov 14, 2023 6:34 PM (UTC+5:30)	-

Build logs	Phase details	Reports	Environment variables	Build details	Resource utilization
Showing the last 120 lines of the build log. View entire log					
⤴ Show previous logs					
<pre>1 [Container] 2023/11/14 13:04:18.802881 waiting for agent ping 2 [Container] 2023/11/14 13:04:19.883698 waiting for DOWNLOAD_SOURCE 3 [Container] 2023/11/14 13:04:21.847756 Phase is DOWNLOAD_SOURCE 4 [Container] 2023/11/14 13:04:31.856291 CODEBUILD_SRC_DIR=/codebuild/output/src2489979457/src/git-codecommit-us-east-1.amazonaws.com/v1/repos/profilerepo 5 [Container] 2023/11/14 13:04:31.858761 YAML location is /codebuild/readonly/buildspec.yml 6 [Container] 2023/11/14 13:04:31.859676 No commands found for phase name: Install 7 [Container] 2023/11/14 13:04:31.860938 Not setting HTTP client timeout for source type codecommit 8 [Container] 2023/11/14 13:04:31.861846 Processing environment variables 9 [Container] 2023/11/14 13:04:32.490648 Selecting 'java' runtime version 'corretto' based on manual selections... 10 [Container] 2023/11/14 13:04:32.491273 Running command echo "Installing Java version 8 ..." 11 Installing Java version 8 ... 12 13 [Container] 2023/11/14 13:04:32.113807 Running command export JAVA_HOME="/\$JAVA_8_HOME" 14 15 [Container] 2023/11/14 13:04:32.118400 Running command export SRV_HOME="/\$SRV_8_HOME" 16 17 [Container] 2023/11/14 13:04:32.123115 Running command export JDK_HOME="/\$JDK_8_HOME" 18 19 [Container] 2023/11/14 13:04:32.127104 Running command for tool_path in "\$JAVA_8_HOME"/bin/* "\$SRV_8_HOME"/bin/*: 20 do tool_basename "\$tool_path"; 21 if [\$tool != "java-rmi.cgi"]; 22 then 23 update-alternatives --list "\$tool" grep -q "\$tool_path" \ 24 && update-alternatives --set "\$tool" "\$tool_path"; 25 fi; 26 done 27 update-alternatives: error: no alternatives for clhsdb 28 update-alternatives: error: no alternatives for hdb 29 update-alternatives: error: no alternatives for idj 30 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jar to provide /usr/bin/jar (jar) in manual mode 31 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jarsigner to provide /usr/bin/jarsigner (jarsigner) in manual mode 32 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/javac to provide /usr/bin/javac (javac) in manual mode 33 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/javadoc to provide /usr/bin/javadoc (javadoc) in manual mode 34 update-alternatives: error: no alternatives for javapackager 35 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/javap to provide /usr/bin/javap (javap) in manual mode 36 update-alternatives: error: no alternatives for javapackager 37 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jcmd to provide /usr/bin/jcmd (jcmd) in manual mode 38 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jconsole to provide /usr/bin/jconsole (jconsole) in manual mode 39 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jdb to provide /usr/bin/jdb (jdb) in manual mode 40 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jdeps to provide /usr/bin/jdeps (jdeps) in manual mode 41 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jinfo to provide /usr/bin/jinfo (jinfo) in manual mode 42 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jmap to provide /usr/bin/jmap (jmap) in manual mode 43 update-alternatives: using /usr/lib/jvm/java-1.8.0-amazon-corretto/bin/jps to provide /usr/bin/jps (jps) in manual mode</pre>					

Start time

Nov 14, 2023 6:34 PM (UTC+5:30)

End time

Nov 14, 2023 6:35 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	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
QUEUED	⊙ Succeeded	-	<1 sec	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
PROVISIONING	⊙ Succeeded	-	15 secs	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
DOWNLOAD_SOURCE	⊙ Succeeded	-	14 secs	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
INSTALL	⊙ Succeeded	-	<1 sec	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
PRE_BUILD	⊙ Succeeded	-	10 secs	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:34 PM (UTC+5:30)
BUILD	⊙ Succeeded	-	35 secs	Nov 14, 2023 6:34 PM (UTC+5:30)	Nov 14, 2023 6:35 PM (UTC+5:30)
POST_BUILD	⊙ Succeeded	-	8 secs	Nov 14, 2023 6:35 PM (UTC+5:30)	Nov 14, 2023 6:35 PM (UTC+5:30)
UPLOAD_ARTIFACTS	⊙ Succeeded	-	25 secs	Nov 14, 2023 6:35 PM (UTC+5:30)	Nov 14, 2023 6:35 PM (UTC+5:30)
FINALIZING	⊙ Succeeded	-	<1 sec	Nov 14, 2023 6:35 PM (UTC+5:30)	Nov 14, 2023 6:35 PM (UTC+5:30)
COMPLETED	⊙ Succeeded	-	-	Nov 14, 2023 6:35 PM (UTC+5:30)	-

Pipeline create

Pipeline settings

Pipeline name

Enter the pipeline name. You cannot edit the pipeline name after it is created.

No more than 100 characters

Pipeline type

The pipeline type determines the pipeline structure and availability of parameters such as triggers. Pipeline type selection will impact features and pricing. [Which pipeline is right for me?](#)

☐ V1☒ V2

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

Type your service role name

☒ Allow AWS CodePipeline to create a service role so it can be used with this new pipeline


Variables

You can add variables at the pipeline level. You can choose to assign the value when you start the pipeline. Choosing this option requires pipeline type V2. [Learn more](#) 

No variables defined at the pipeline level in this pipeline.

Add variable

You can add up to 50 variables.

 The first pipeline execution will fail if variables have no default values.

Change detection options

Choose a detection mode to automatically start your pipeline when a change occurs in the source code.

- ☒ **Amazon CloudWatch Events (recommended)**
Use Amazon CloudWatch Events to automatically start my pipeline when a change occurs

- ☐ **AWS CodePipeline**
Use AWS CodePipeline to check periodically for changes

Output artifact format

Choose the output artifact format.

- ☒ **CodePipeline default**
AWS CodePipeline uses the default zip format for artifacts in the pipeline. Does not include Git metadata about the repository.

- ☐ **Full clone**
AWS CodePipeline passes metadata about the repository that allows subsequent actions to do a full Git clone. Only supported for AWS CodeBuild actions.

Add build stage Info

Step 3 of 5

Build - *optional*

Build provider

This is the tool of your build project. Provide build artifact details like operating system, build spec file, and output file names.

AWS CodeBuild

Region

US East (N. Virginia)

Project name

Choose a build project that you have already created in the AWS CodeBuild console. Or create a build project in the AWS CodeBuild console and then return to this task.

Q preprod-build



or

Create project

Environment variables - *optional*

Choose the key, value, and type for your CodeBuild environment variables. In the value field, you can reference variables generated by CodePipeline. [Learn more](#)

Add environment variable

Build type



Single build

Triggers a single build.



Batch build

Triggers multiple builds as a single execution.

Add deploy stage [Info](#)

Step 4 of 5

Deploy - optional

Deploy provider

Choose how you deploy to instances. Choose the provider, and then provide the configuration details for that provider.

AWS Elastic Beanstalk

Region

US East (N. Virginia)

Application name

Choose an application that you have already created in the AWS Elastic Beanstalk console. Or create an application in the AWS Elastic Beanstalk console and then return to this task.

Q preprod

Environment name

Choose an environment that you have already created in the AWS Elastic Beanstalk console. Or create an environment in the AWS Elastic Beanstalk console and then return to this task.

Q preprod

Pipeline

preprod-pipeline

Notify

Edit

Stop execution

Clone pipeline

Release change

Pipeline type: v2

Source

Succeeded

Pipeline execution ID: 7f3dfb48-d1d6-41ff-b075-9771c12d0035

Source

AWS CodeCommit

Succeeded - Just now

Bcdb300d

Bcdb300d Source: test ssh

Disable transition

Build

In progress

Pipeline execution ID: 7f3dfb48-d1d6-41ff-b075-9771c12d0035

Build

AWS CodeBuild

In progress - Just now

Details

View logs

Disable transition

Build

In progress

Pipeline execution ID: 7f3dfb48-d1d6-41ff-b075-9771c12d0035

Build

AWS CodeBuild

In progress - Just now

Details

View logs

Bcdb300d Source: test ssh

Disable transition

Deploy

Didn't Run

Deploy

AWS Elastic Beanstalk

Didn't Run

No executions yet

Results

Source Succeeded
Pipeline execution ID: 7f3dfb48-d1d6-41ff-b075-9771c12d0035

Source
AWS CodeCommit
Succeeded - 1 minute ago
8cdb300d

8cdb300d Source: test ssh

Disable transition

Build Succeeded
Pipeline execution ID: 7f3dfb48-d1d6-41ff-b075-9771c12d0035

Build
AWS CodeBuild
Succeeded - Just now
Details
View logs

8cdb300d Source: test ssh

Add stages in between .. Add Approver , so they can approve , url : mail

Build Succeeded
Pipeline execution ID: 7f3dfb48-d1d6-41ff-b075-9771c12d0035

Build
AWS CodeBuild
Succeeded - 3 minutes ago
Details
View logs

8cdb300d Source: test ssh

Disable transition

Deploy Succeeded
Pipeline execution ID: 7f3dfb48-d1d6-41ff-b075-9771c12d0035

Deploy
AWS Elastic Beanstalk
Succeeded - Just now

8cdb300d Source: test ssh

S3

Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Find objects by prefix

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	preprod-pipeline/	Folder	-	-	-

Time	Type	Details
November 14, 2023 18:47:12 (UTC+5:30)	INFO	Environment health has transitioned from Info to Ok.
November 14, 2023 18:45:15 (UTC+5:30)	INFO	Environment update completed successfully.
November 14, 2023 18:45:15 (UTC+5:30)	INFO	New application version was deployed to running EC2 instances.
November 14, 2023 18:45:12 (UTC+5:30)	INFO	Environment health has transitioned from Degraded to Info. Application update in progress. 2 out of 2 instances completed (running for 3 minutes).
November 14, 2023 18:44:41 (UTC+5:30)	INFO	Batch 2: Completed application deployment.
November 14, 2023 18:44:22 (UTC+5:30)	INFO	Batch 2: Registering instance(s) with the load balancer and waiting for them to be healthy.
November 14, 2023 18:44:22 (UTC+5:30)	INFO	Command execution completed on 2 of 2 instances in environment.
November 14, 2023 18:44:22 (UTC+5:30)	INFO	Batch 2: Completed application deployment command execution.
November 14, 2023 18:44:18 (UTC+5:30)	INFO	Instance deployment completed successfully.
November 14, 2023 18:44:12 (UTC+5:30)	INFO	Batch 2: Starting application deployment command execution.
November 14, 2023 18:44:12 (UTC+5:30)	WARN	Environment health has transitioned from Severe to Degraded. ELB processes are not healthy on 1 out of 2 instances. Application update in progress on 1 instance. 0 out of 2 instances completed (running for 2 minutes). ELB health is failing or not available for 1 out

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

Overall health

Info

Requests / second	2XX responses	3XX responses	4XX responses	5xx responses
0.8	7	1	—	—
P99 latency(ms)	P90 latency(ms)	P75 latency(ms)	P50 latency(ms)	P10 latency(ms)
16.5	10.5	6	5	4.5

Enhanced instance health (2)

Info

Instance actions

	Instance ID	Status	Running time	Deployment ID	Requests/sec	2xx Responses
	i-0e0aa34a39...	Ok	5 hours	2	0.1	1
	i-0123b2450d...	Ok	5 hours	2	0.7	6

Version

Application versions (1) [Info](#)



Actions ▼

Settings

Upload

🔍 Filter application versions

< 1 > ⚙️

<input type="checkbox"/>	Version label ▼	Description ▼	Date created ▼	Source
<input type="checkbox"/>	code-pipeline-1699967519939-BuildArtifact-...	BuildArtifact-dbb386...	November 14, 2023 18:42:01 (UTC+5:...	preprod-pipeline/BuildArtif/ORpPf