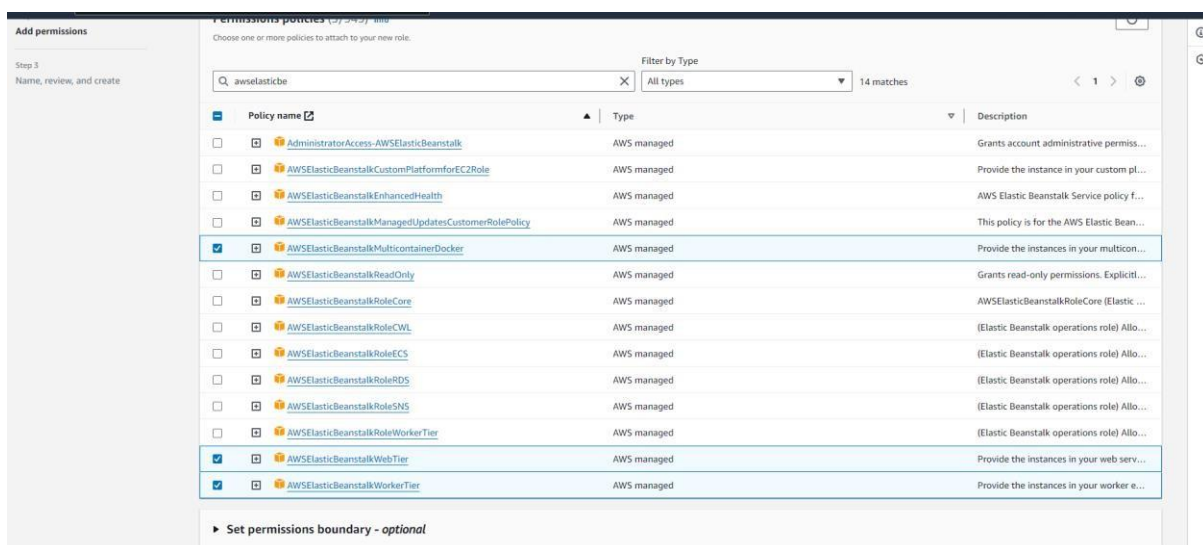
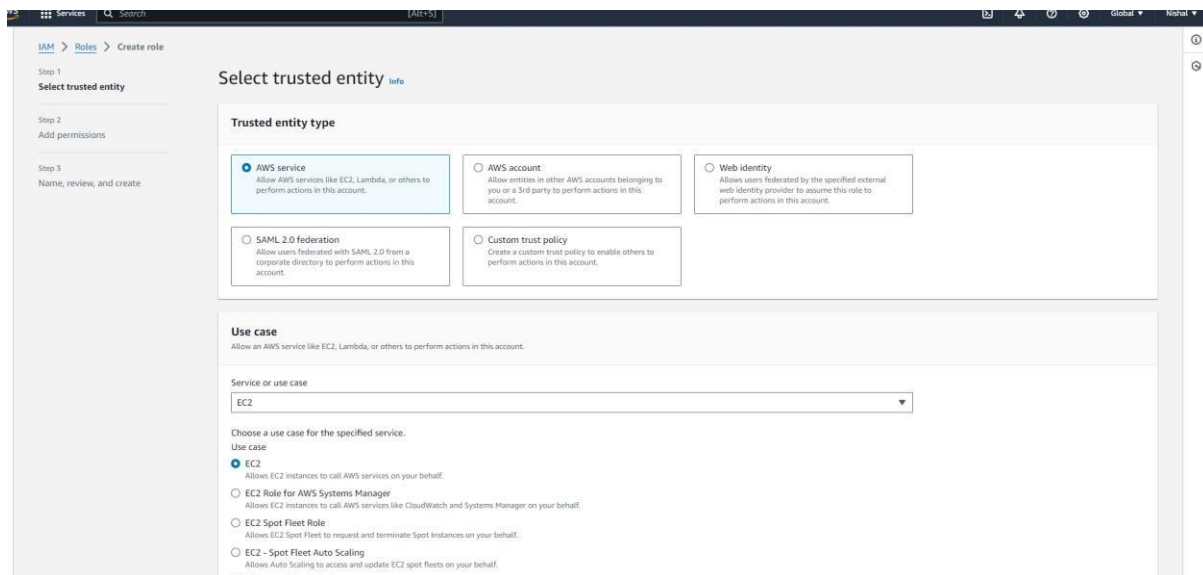
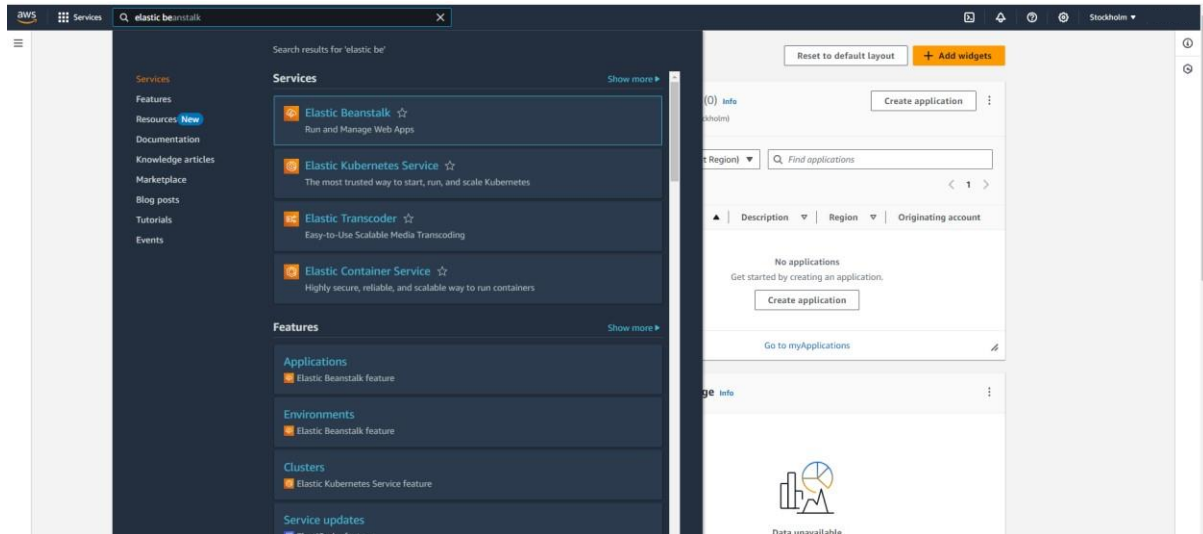


## 1) Open Elastic Beanstalk



## 2) Add Details

The screenshot shows the 'Name, review, and create' step in the AWS IAM console. The 'Role name' field is filled with 'nishal'. The 'Description' field contains 'Allows EC2 instances to call AWS services on your behalf.' Below this, the 'Step 1: Select trusted entities' section shows a 'Trust policy' with a JSON snippet:

```
1 {  
2   "Version": "2012-10-17",  
3   "Statement": [  
4     {  
5       "Effect": "Allow",  
6       "Action": [  
7         "sts:AssumeRole"  
8       ],  
9       "Principal": {  
10        "Service": [  
11          "ec2.amazonaws.com"  
12        ]  
13      }  
14    ]  
15  }
```

The screenshot shows the 'Roles' page in the AWS IAM console. A green banner at the top says 'Role nishal created.' Below this, a table lists the roles:

Role name	Trusted entities	Last activity
<a href="#">AWSServiceRoleForSupport</a>	AWS Service: support (Service-Linker)	-
<a href="#">AWSServiceRoleForTrustedAdvisor</a>	AWS Service: trustedadvisor (Service-Linker)	-
<a href="#">nishal</a>	AWS Service: ec2	-

Below the table, there are sections for 'Roles Anywhere', 'Access AWS from your non AWS workloads', 'X.509 Standard', and 'Temporary credentials'.

## 3) Comeback to the Elastic Beanstalk

The screenshot shows the 'Roles' page in the AWS IAM console with a search for 'elasticbe'. The search results show several services related to Elastic Beanstalk, including 'Elastic Beanstalk', 'Elastic Transcoder', 'Elastic Container Service', and 'Elastic Container Registry'. The 'Roles' table is still visible in the background.

The screenshot shows the Amazon Elastic Beanstalk console home page. The header includes the AWS logo, a search bar, and the text "eu-north-1:console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/welcome". The main content area has a dark blue background with the text "Amazon Elastic Beanstalk End-to-end web application management." and a sub-header "Compute". Below this, there's a "Get started" section with a "Create application" button. To the right, there's a "Pricing" section and a "Getting started" link. The bottom section is titled "Benefits and features" and lists "Easy to get started" and "Complete resource control".

eu-north-1:console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/welcome

Services Search [Alt+S]

Compute

## Amazon Elastic Beanstalk

### End-to-end web application management.

Amazon Elastic Beanstalk is an easy-to-use service for deploying and scaling web applications and services developed with Java, .NET, PHP, Node.js, Python, Ruby, Go, and Docker on familiar servers such as Apache, Nginx, Passenger, and IIS.

#### Get started

You simply upload your code and Elastic Beanstalk automatically handles the deployment, from capacity provisioning, load balancing, and automatic scaling to web application health monitoring, with ongoing fully managed patch and security updates. [Learn more](#)

#### Benefits and features

- Easy to get started
- Complete resource control

#### Get started

Easily deploy your web application in minutes.

[Create application](#)

#### Pricing

There's no additional charge for Elastic Beanstalk. You pay for Amazon Web Services resources that we create to store and run your web application, like Amazon S3 buckets and Amazon EC2 instances.

#### Getting started

[Launch a web application](#)

The screenshot shows the "Configure environment" page in the Amazon Elastic Beanstalk console. The page is divided into a left sidebar with a step-by-step navigation menu and a main content area. The sidebar includes steps: "Step 1: Configure environment", "Step 2: Configure service access", "Step 3 - optional: Set up networking, database, and tags", "Step 4 - optional: Configure instance traffic and scaling", "Step 5 - optional: Configure updates, monitoring, and logging", "Step 6: Review". The main content area is titled "Configure environment" and contains three sections: "Environment tier", "Application information", and "Environment information". The "Environment tier" section has two radio buttons: "Web server environment" (selected) and "Worker environment". The "Application information" section has a text input for "Application name" with the value "WebApp" and a note "Maximum length of 100 characters." Below it is a section for "Application tags (optional)". The "Environment information" section has a text input for "Environment name" with the value "WebApp-env" and a note "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." Below this is a section for "Domain" with a text input for "Leave blank for autogenerated value" and a dropdown menu showing ".eu-north-1.elasticbeanstalk.com". A "Check availability" button is also present.

### 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

WebApp

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

WebApp-env

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

Leave blank for autogenerated value .eu-north-1.elasticbeanstalk.com [Check availability](#)

Platform info

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

Python

Platform branch

Python 3.11 running on 64bit Amazon Linux 2023

Platform version

4.1.4 (Recommended)

Application code

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

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

Python

Platform branch

Python 3.11 running on 64bit Amazon Linux 2023

Platform version

4.1.4 (Recommended)

Application code

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

Configuration presets

☒ Single instance (free tier eligible)  
☐ Single instance (using spot instance)  
☐ High availability  
☐ High availability (using spot and on-demand instances)  
☐ Custom configuration

Cancel

Next

Services

Search

[Alt+S]

Stockholm

Nishal

Step 1  
Configure environment

Step 2  
Configure service access

Step 3 - optional  
Set up networking, database, and tags

Step 4 - optional  
Configure instance traffic and scaling

Step 5 - optional  
Configure updates, monitoring, and logging

Step 6  
Review

Configure service access

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

aws-elasticbeanstalk-service-role

View permission details

EC2 key pair

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

Choose a key pair

EC2 instance profile

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

nishal

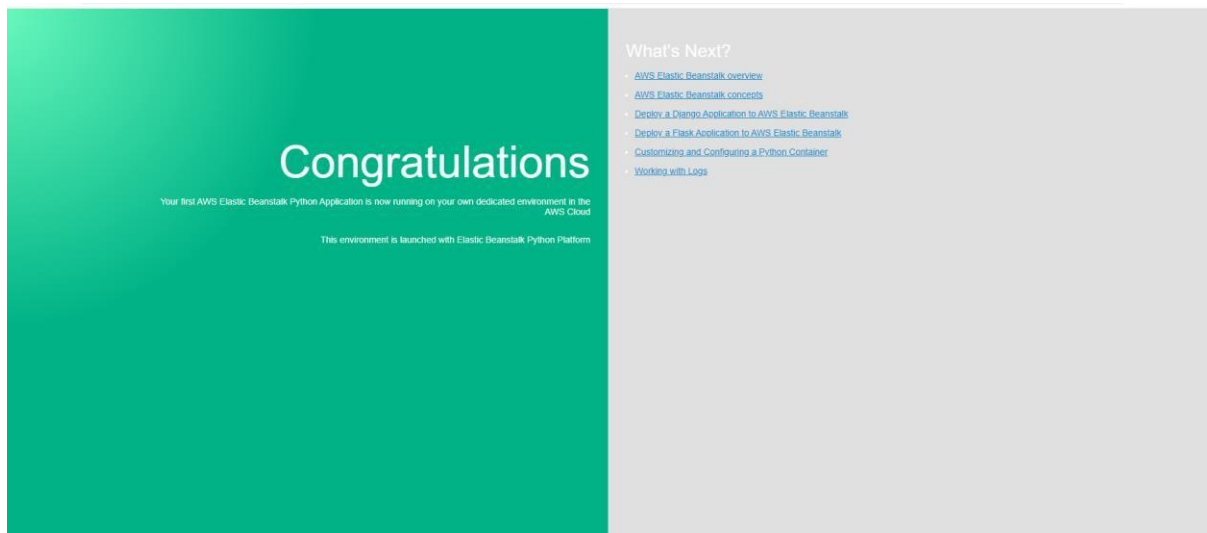
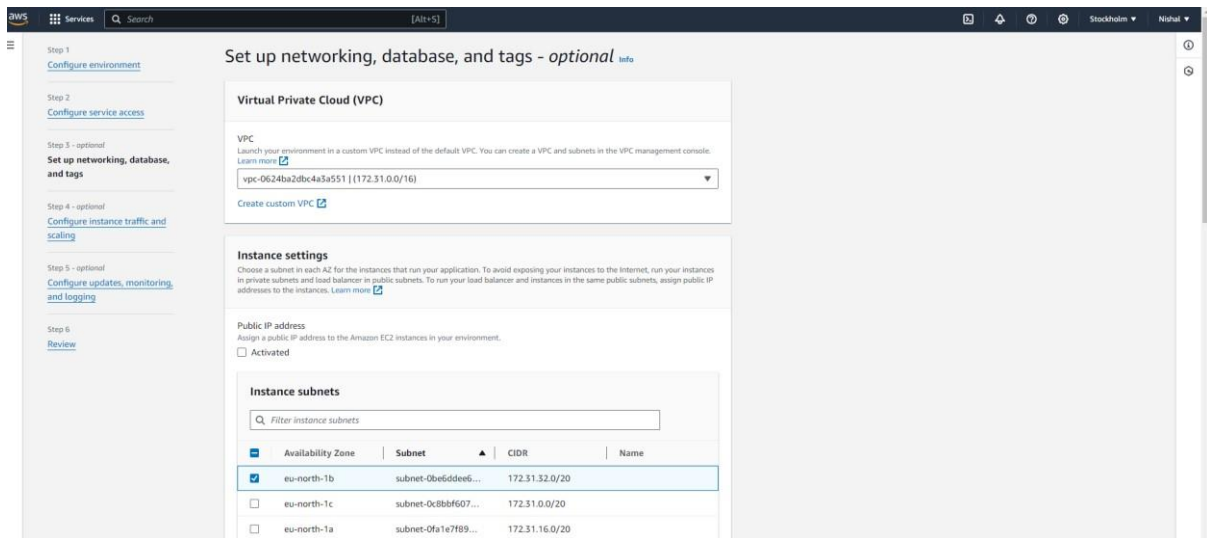
View permission details

Cancel

Skip to review

Previous

Next



# Successfully Done

Environment successfully launched.

Elastic Beanstalk

Create application

Create new application info

Application information

Application name

jeril

Maximum length of 100 characters.

Description

Tags

Apply up to 50 tags. You can use tags to group and filter your resources. A tag is a key-value pair. The key must be unique within the resource and is case-sensitive. [Learn more](#)

No tags associated with the resource.

Add new tag

You can add 50 more tags.

Cancel

Create

WS

Services

Search

[Alt+S]

Environment successfully launched.

Step 4

Configure service access

Step 5 - optional

Set up networking, database, and tags

Step 4 - optional

Configure instance traffic and scaling

Step 5 - optional

Configure updates, monitoring, and logging

Step 6

Review

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

jeril

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

Jeril-env

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

Leave blank for autogenerated value

.eu-north-1.elasticbeanstalk.com

Check availability

Environment description

Environment successfully launched.

Step 1  
Configure environment

Step 2  
Configure service access

Step 3 - optional  
Set up networking, database, and tags

Step 4 - optional  
Configure instance traffic and scaling

Step 5 - optional  
Configure updates, monitoring, and logging

Step 6  
Review

## 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

Services

Search

[Alt+S]

Stockholm

Nishal

Environment successfully launched.

Elastic Beanstalk

Environments

Jeril-env

Jeril-env Info

Actions

Upload and deploy

Environment overview

Platform

Health

Environment ID

Domain

Application name

Warning

e-my9Skawq4w

Jeril-env.eba-ize3vch.eu-north-1.elasticbeanstalk.com

jeril

Platform

Platform

Running version

Platform state

Corretto 21 running on 64bit Amazon Linux 2023/4.3.1

-

Supported

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

Events (12) Info

<

1

>

Time	Type	Details
September 14, 2024 16:20:43 (UTC+5:30)	INFO	Successfully launched environment: Jeril-env
September 14, 2024 16:20:05 (UTC+5:30)	WARN	Environment health has transitioned from Pending to Warning. Initialization completed 2 seconds ago and took 2 minutes. There are no instances. Unable to assume role "arn:aws:iam::637423438492:role/nishal". Verify that the role exists and is configured correctly.
September 14, 2024 16:20:05 (UTC+5:30)	INFO	Added instance [i-09f80c16766bd2b88] to your environment.

Recent environments

Jeril-env

WebApp-env

**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  
Tomcatapp  
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  
Tomcatapp-env  
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  
Leave blank for autogenerated value .eu-north-1.elasticbeanstalk.com [Check availability](#)

**Platform** [info](#)

**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 10 with Corretto 21 running on 64bit Amazon Linux 2023

Platform version  
5.3.2 (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.

Version label  
Unique name for this version of your application code.  
Version label

Source code origin. Maximum size 500 MB.

☒ **Local file**

Upload application  
[Choose File](#)

**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**

Existing service roles  
Choose an existing IAM role for Elastic Beanstalk to assume as a service role. The existing IAM role must have the required IAM managed policies.

nishal [Refresh](#)

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

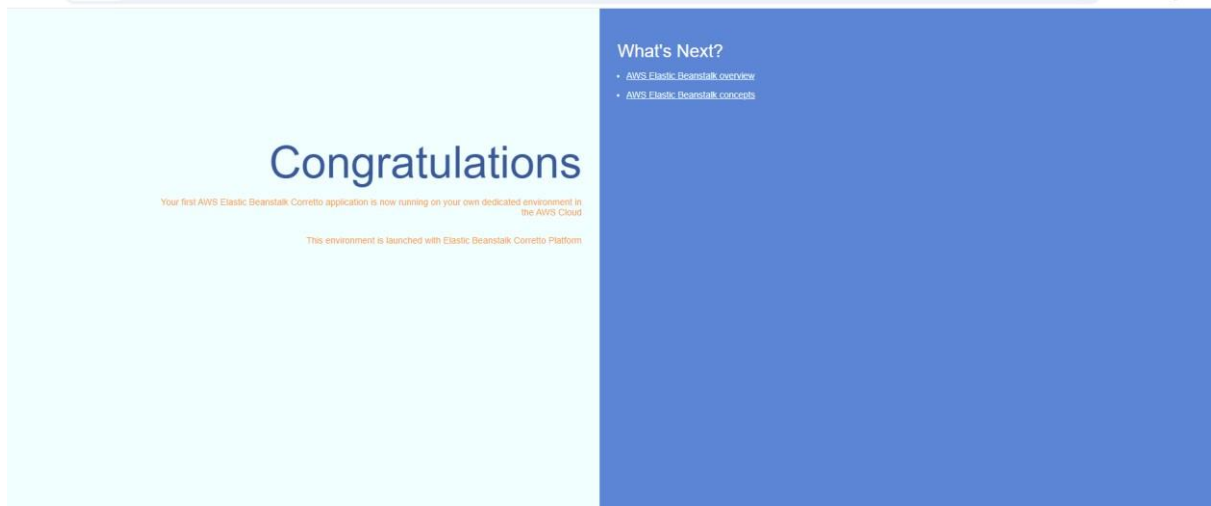
Choose a key pair [Refresh](#)

**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](#)





**# Successfully Done**