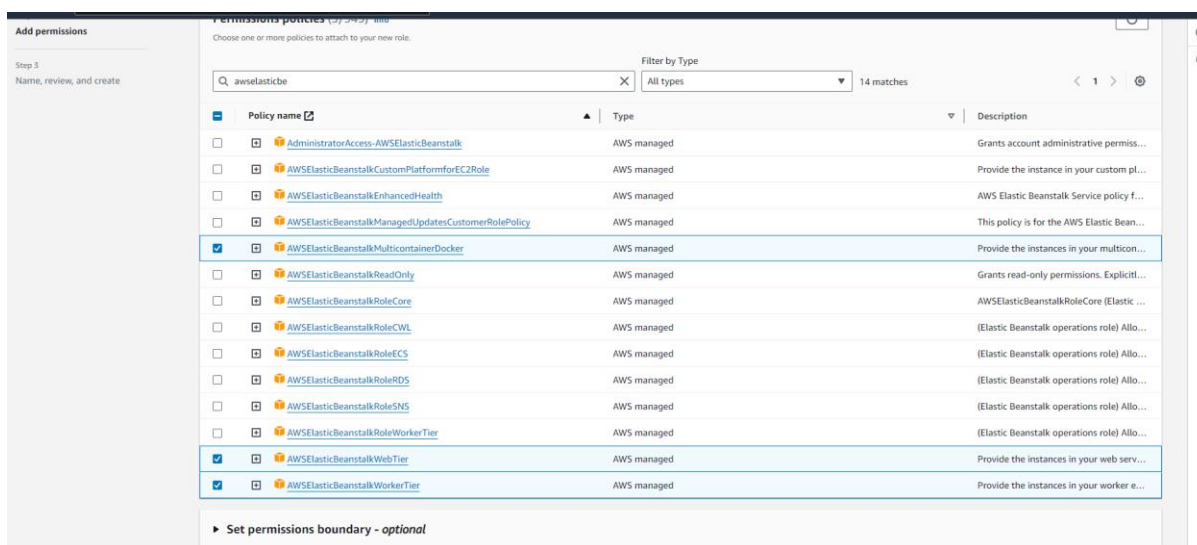
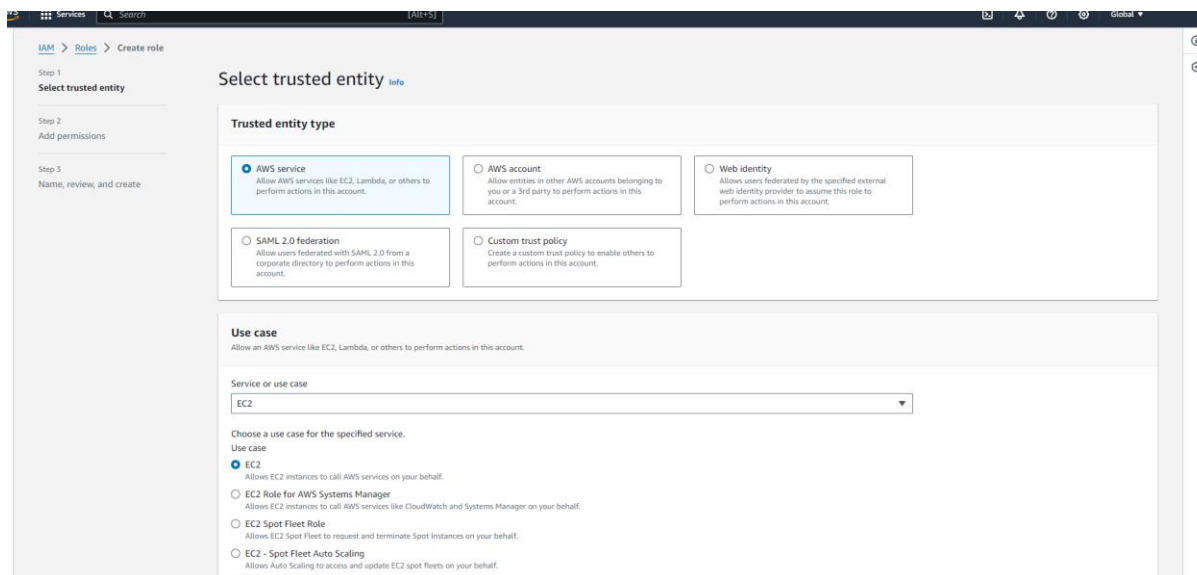
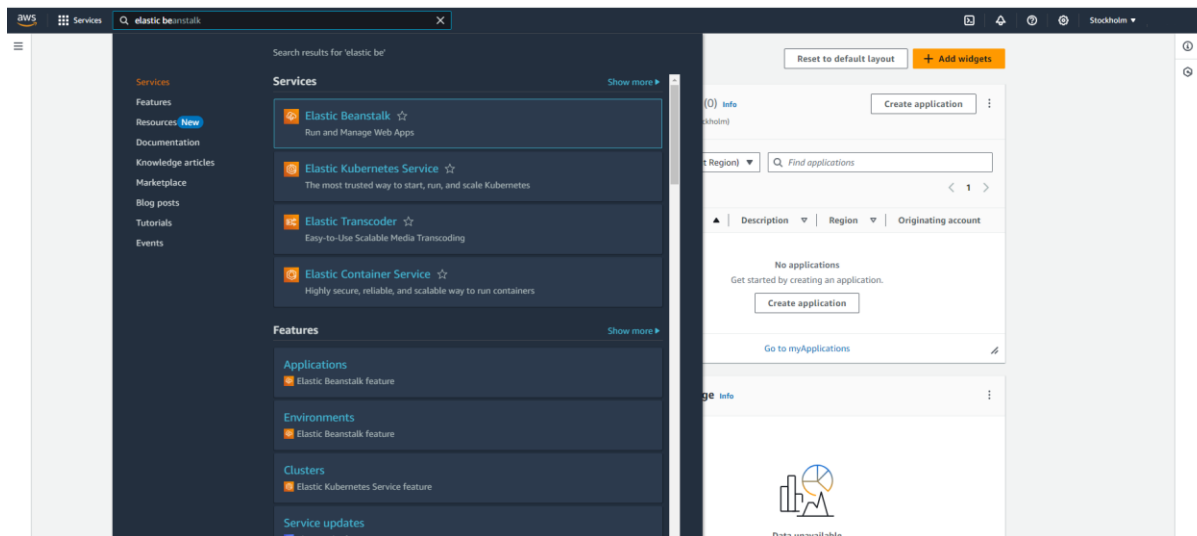


1) Open Elastic Benstalk



2) Add Details

The screenshot shows the 'Name, review, and create' step in the AWS IAM console. On the left, a sidebar lists the steps: Step 1: Select trusted entity, Step 2: Add permissions, and Step 3: Name, review, and create. The main area is titled 'Name, review, and create' and contains a 'Role details' section. In this section, the 'Role name' field is filled with 'nishal' and the 'Description' field is filled with '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 AWS IAM console after the role 'nishal' has been created. A green notification bar at the top says 'Role nishal created.' Below this, the 'Roles' section is visible, showing a list of roles: 'AWSServiceRoleForSupport', 'AWSServiceRoleForTrustedAdvisor', and 'nishal'. The 'nishal' role is selected, and its details are shown, including the 'Trusted entities' and 'Last activity' columns. Below the roles list, there is a 'Roles Anywhere' section with a 'Manage' button. The left sidebar shows the 'Identity and Access Management (IAM)' menu with options like 'Dashboard', 'Access management', 'Users', 'Roles', 'Policies', 'Identity providers', 'Account settings', 'Access reports', 'Access Analyzer', 'External access', 'Unused access', 'Analyzer settings', 'Credential report', 'Organization activity', and 'Service control policies'.

3) Comeback to the Elastic Beanstalk

The screenshot shows the AWS IAM console with a search bar containing 'elasticbe'. The search results are displayed in a list of services and features. The 'Services' section includes 'Elastic Beanstalk', 'Elastic Transcoder', 'Elastic Container Service', and 'Elastic Container Registry'. The 'Features' section includes 'Applications', 'Environments', and 'Elastic IPs'. The right sidebar shows the 'Role nishal created' notification and the 'Roles' list. The left sidebar shows the 'Identity and Access Management (IAM)' menu with options like 'Dashboard', 'Access management', 'Users', 'Roles', 'Policies', 'Identity providers', 'Account settings', 'Access reports', 'Access Analyzer', 'External access', 'Unused access', 'Analyzer settings', 'Credential report', 'Organization activity', and 'Service control policies'.

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 heading "Amazon Elastic Beanstalk End-to-end web application management." Below this, a description states: "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." To the right, a "Get started" section says "Easily deploy your web application in minutes." and includes a "Create application" button. Below this, a "Pricing" section states: "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." A "Getting started" link is also present. At the bottom, a "Benefits and features" section lists "Easy to get started" and "Complete resource control".

The screenshot shows the "Configure environment" step in the Amazon Elastic Beanstalk console. The left sidebar lists the steps: Step 1: Configure environment (selected), 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, and Step 6: Review. The main content area is titled "Configure environment" and includes an "Info" link. It contains three sections: "Environment tier" with two options: "Web server environment" (selected) and "Worker environment"; "Application information" with a text input for "Application name" (containing "WebApp") and a "Check availability" button; and "Environment information" with a text input for "Environment name" (containing "WebApp-env") and a "Check availability" button. The domain is set to ".eu-north-1.elasticbeanstalk.com".

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 [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

Python

Platform branch
Python 3.11 running on 64bit Amazon Linux 2023

Platform version
4.1.4 (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)

☐ Custom configuration

Cancel

Next

Services

Search

[Alt+S]

Stockholm

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.

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

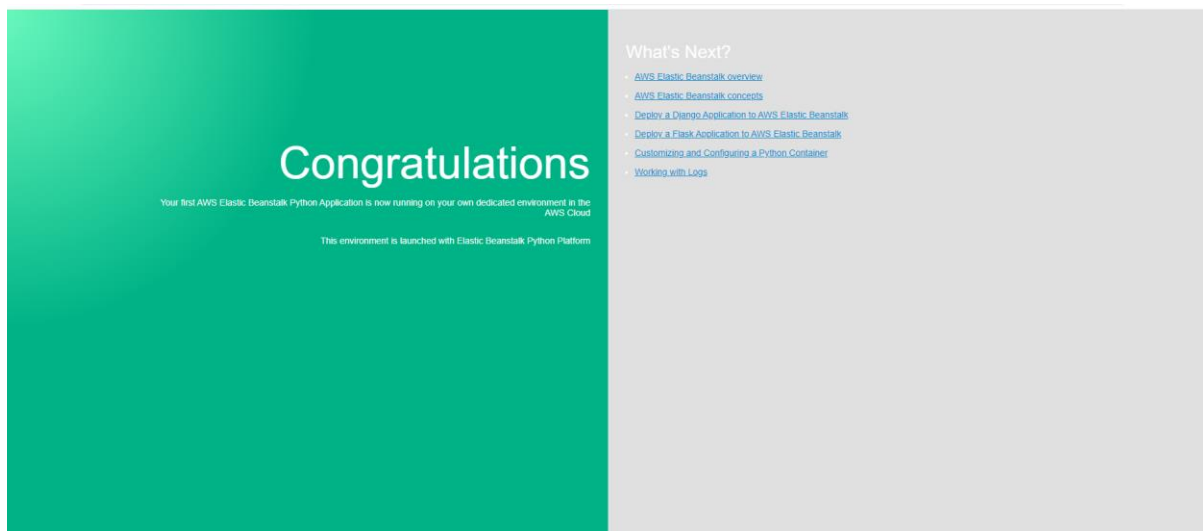
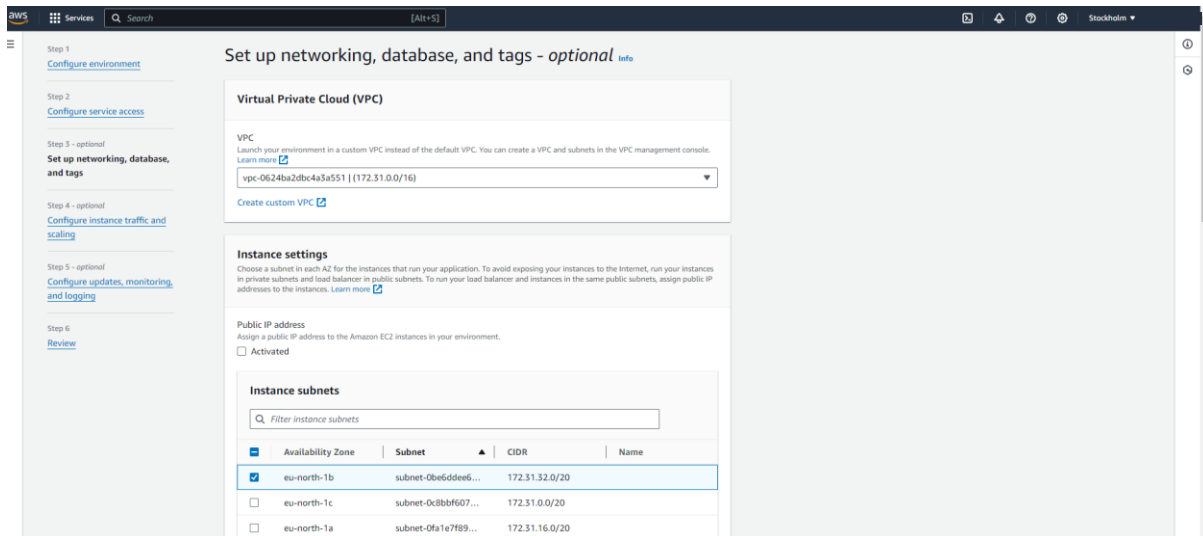
View permission details

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 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

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

Elastic Beanstalk

Applications

Environments

Change history

Application: jeril

Application versions

Saved configurations

Environment: Jeril-env

Go to environment

Configuration

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

Recent environments

Jeril-env

WebApp-env

Environment successfully launched.

Elastic Beanstalk

Environments

Jeril-env

Jeril-env [info](#)

[↻](#)[Actions](#)[Upload and deploy](#)

Environment overview

Health
Warning

Environment ID
e-myr5kuwq4w

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

Application name
jeril

Platform

Platform
Corretto 21 running on 64bit Amazon Linux 2023/4.3.1

Running version
-

Platform state
Supported

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

Events (12) [info](#)

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.

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 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](#)

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

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](#)

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**
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

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

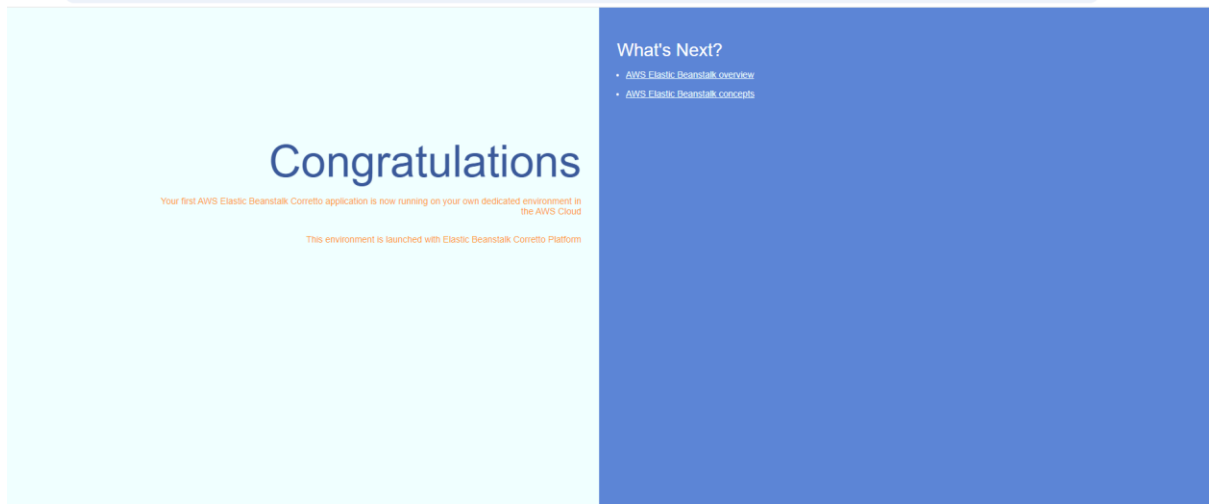
EC2 instance profile
Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.
View permission details

Cancel

Skip to review

Previous

Next



Successfully Done