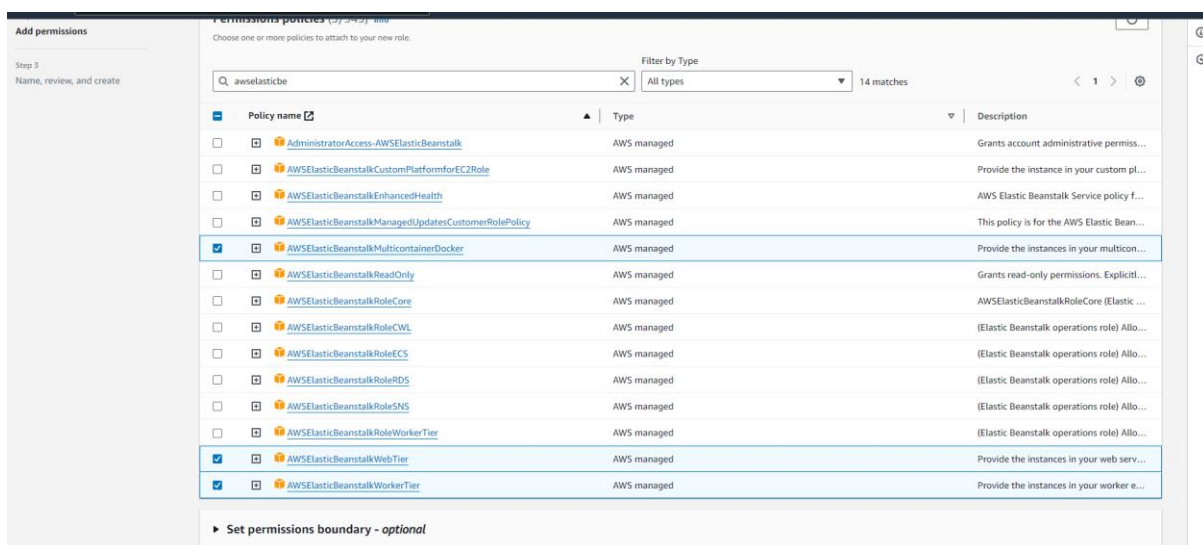
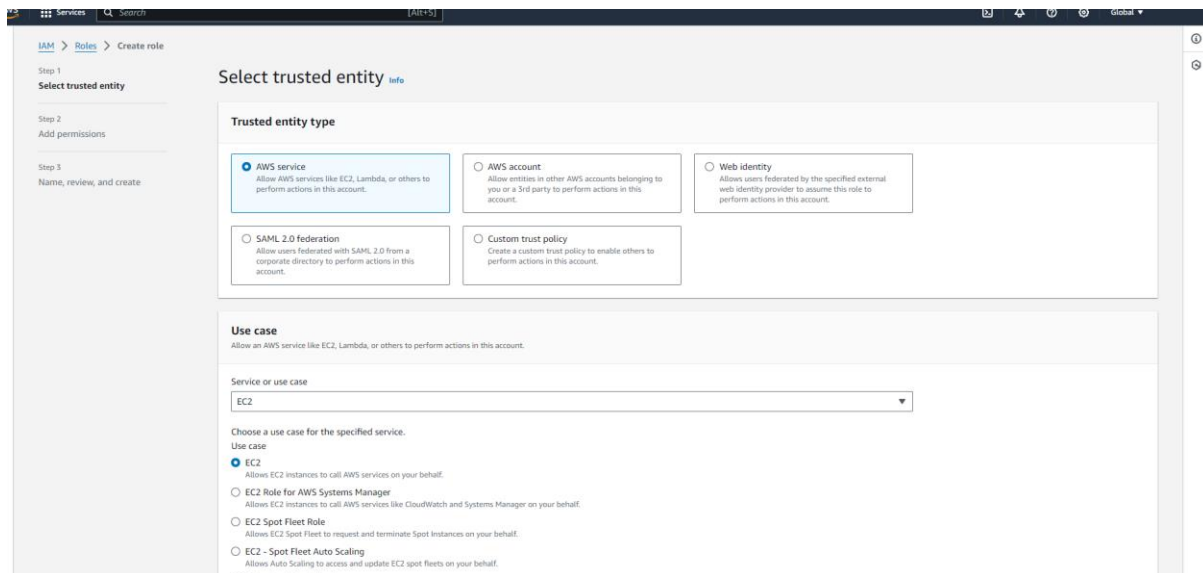
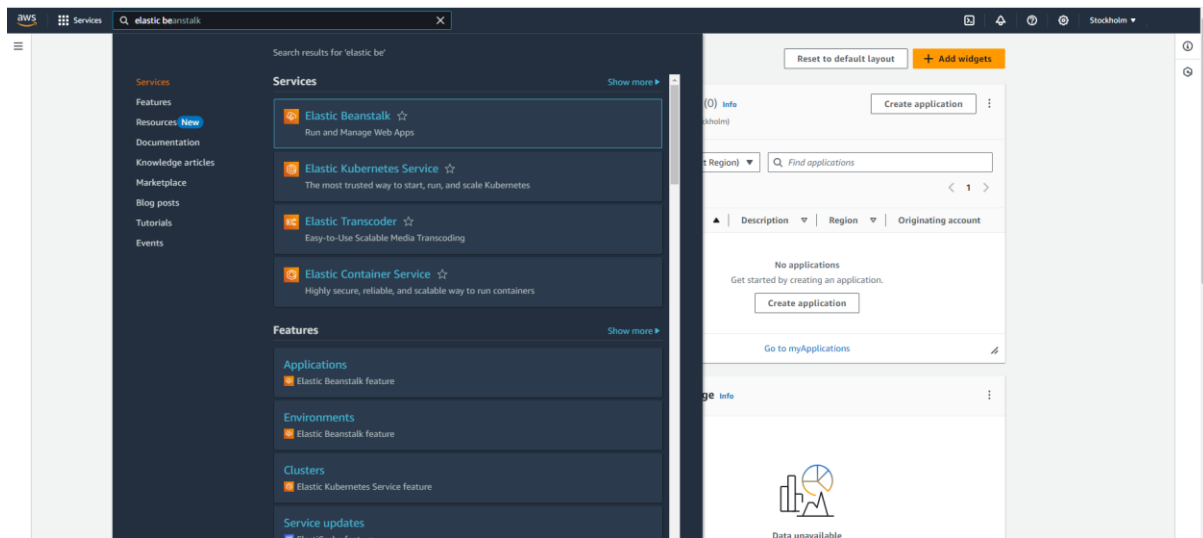


1) Open Elastic Benstalk



2) Add Details

IAM

>

Roles

>

Create role

Step 1

Select trusted entity

Step 2

Add permissions

Step 3

Name, review, and create

Name, review, and create

Role details

Role name

Enter a meaningful name to identify this role.

nishal

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

Trusted policy

```
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  }
```

Identity and Access Management (IAM)

Search IAM

Dashboard

- Access management
 - User groups
 - Users
 - Roles**
 - Policies
 - Identity providers
 - Account settings
- Access reports
- Access Analyzer
 - External access
 - Unused access
 - Analyzer settings
 - Credential report
 - Organization activity
 - Service control policies

Role nishal created.

IAM > Roles

Search IAM

Roles (3) 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.

Search

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

Roles Anywhere Info

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.

3) Comeback to the Elastic Beanstalk

The screenshot displays the AWS IAM console interface. On the left, a navigation menu lists various IAM components: Dashboard, Access management, User groups, 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 main content area is titled 'Search results for 'elasticbe'' and is divided into two sections: 'Services' and 'Features'. The 'Services' section lists four items: Elastic Beanstalk (Run and Manage Web Apps), Elastic Transcoder (Easy-to-Use Scalable Media Transcoding), Elastic Container Service (Highly secure, reliable, and scalable way to run containers), and Elastic Container Registry (Fully-managed Docker container registry : Share and deploy container software, publ...). The 'Features' section lists two items: Applications (Elastic Beanstalk feature) and Environments (Elastic Beanstalk feature). On the right, a partial view of the 'View role' page is visible, showing a 'Create role' button and a 'Temporary credentials' section.

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

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RWS 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

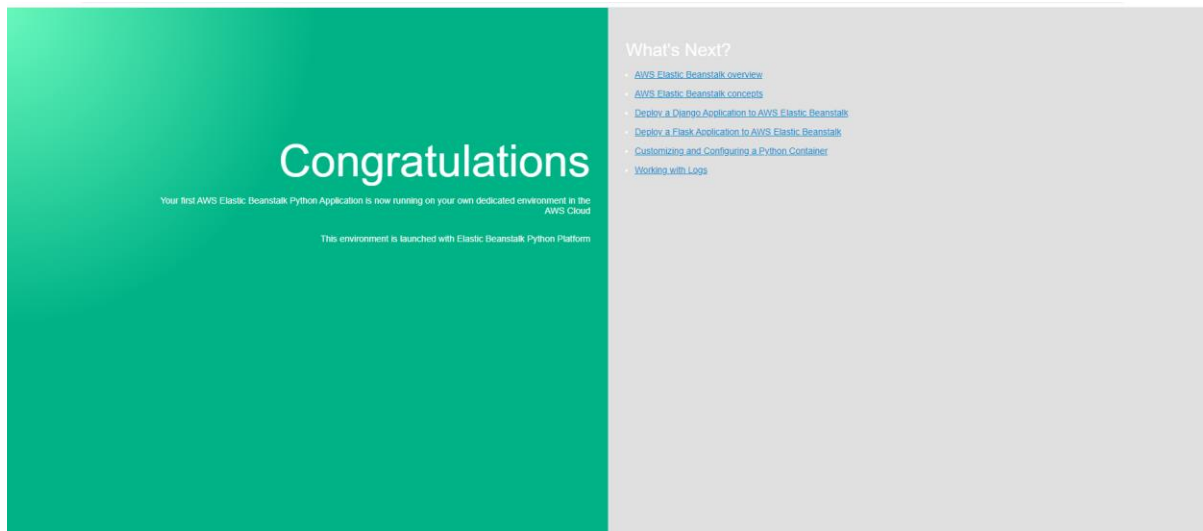
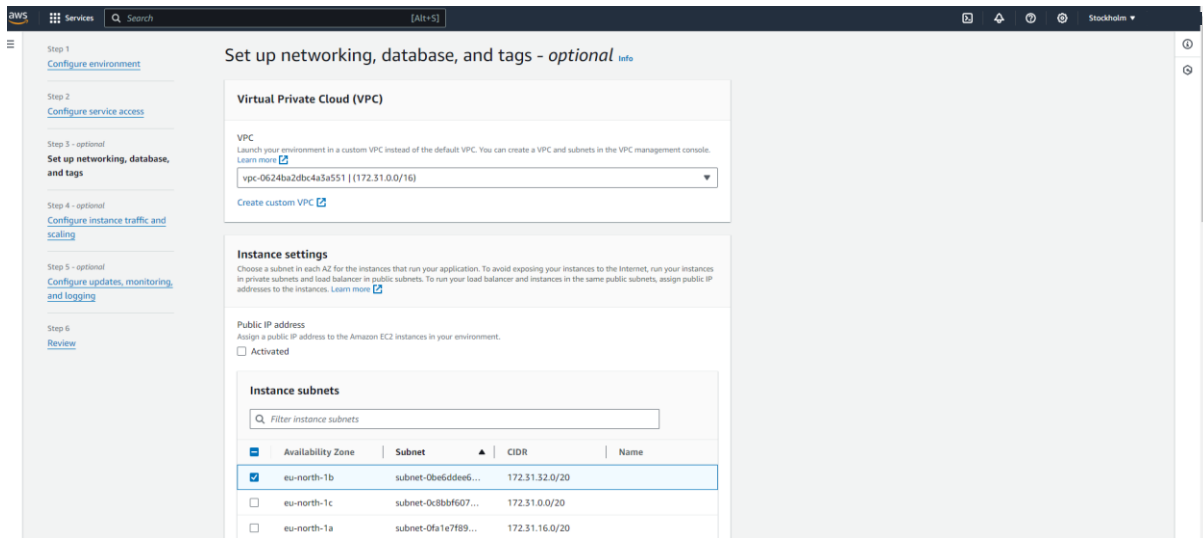
View permission details

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-myrc5uwxq4w

Domain

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

Application name

jeril

Platform

Change version

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](#)

<

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.

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.

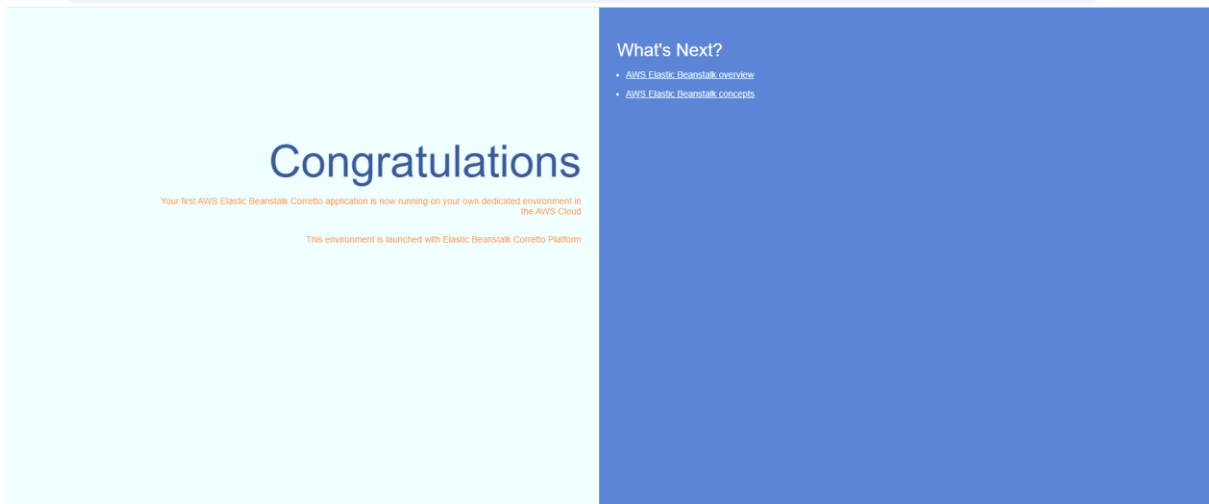
View permission details

Cancel

Skip to review

Previous

Next



Successfully Done