

Welcome | Elastic Beanstalk | ap-south-1

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/welcome

aws Services Search [Alt+S]

Mumbai santhosh @ santhoshp-dev

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](#)

### 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.

CloudShell Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Configure environment | Elastic

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/create-environment

aws

Services

Search

[Alt+S]

Mumbai

santhosh @ santhoshp-dev

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

Environment tier

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.

Worker environment

Run a worker application that processes long-running workloads on demand or performs tasks on a schedule.

Application information

Application name

MyApplication

Maximum length of 100 characters.

Application tags (optional)

Environment information

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

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

Configure environment | Elastic

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/create-environment

aws

Services

Search

[Alt+S]

Mumbai

santhosh @ santhoshp-dev

Step 0

Review

Application tags (optional)

Environment information

Info

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

Environment name

MyApplication-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

santhosh

.ap-south-1.elasticbeanstalk.com

Check availability

santhosh.ap-south-1.elasticbeanstalk.com is available

Environment description

Platform

Info

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

Configure environment | Elastic

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/create-environment

aws

Services

Search

[Alt+S]

Mumbai

santhosh @ santhoshp-dev

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

Node.js

Platform branch

Node.js 20 running on 64bit Amazon Linux 2023

Platform version

6.2.0 (Recommended)

Application code Info

☒ Sample application

☐ Existing version

Application versions that you have uploaded.

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

Configure environment | Elastic

< > ↺ 🏠

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/create-environment

🔗 📧

⚙️ ✎️ ☰

aws

Services

🔍 Search

[Alt+S]

📺 🔔 ? ⚙️

Mumbai ▾

santhosh @ santhoshp-dev ▾

☰

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

📄 CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences



Configure service access | Elastic Beanstalk

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/create-environment

Services

Search

[Alt+S]

Mumbai

santhosh @ santhoshp-dev

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

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.

aws-elasticbeanstalk-service-role

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.

SSMRole

View permission details

Cancel

Skip to review

Previous

Next

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

Configure environment - review

+

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/create-environment

ap-south-1

santhosh @ santhoshp-dev

Services

Search

[Alt+S]

Mumbai

Ignore health check

false

Instance replacement

false

Platform software

Lifecycle

false

Log streaming

Deactivated

Proxy server

nginx

Logs retention

7

Rotate logs

Deactivated

Update level

minor

X-Ray enabled

Deactivated

Environment properties

Key

Value

No environment properties

There are no environment properties defined

Cancel

Previous

Submit

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

Environment overview - events

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/environment/dashboard?environmentId=e-ryg...

aws Services Search [Alt+S]

Mumbai santhosh @ santhoshp-dev

Elastic Beanstalk

Applications

Environments

Change history

▼ Application: MyApplication

Application versions

Saved configurations

▼ Environment: MyApplication-env

Go to environment

Configuration

Events

Health

Logs

Monitoring

Alarms

Elastic Beanstalk is launching your environment. This will take a few minutes.

Elastic Beanstalk > Environments > MyApplication-env

MyApplication-env Info

Actions Upload and deploy

Environment overview

Health

Unknown

Environment ID

e-ryguh9aamt

Domain

santhosh.ap-south-1.elasticbeanstalk.com

Application name

MyApplication

Platform

Change version

Platform

Node.js 20 running on 64bit Amazon Linux 2023/6.2.0

Running version

-

Platform state

Supported

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

CloudShell Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences



Environment overview - events

Elastic Beanstalk

ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?region=ap-south-1#/environment/dashboard?environmentId=e-ryg...

aws

Services

Search

[Alt+S]

Mumbai

santhosh @ santhoshp-dev

Elastic Beanstalk

Applications

Environments

Change history

▼ Application: MyApplication

Application versions

Saved configurations

▼ Environment: MyApplication-env

Go to environment

Configuration

Events

Health

Logs

Monitoring

Alarms

Elastic Beanstalk > Environments > MyApplication-env

MyApplication-env

Info

Actions

Upload and deploy

Environment overview

Health

Pending - View causes

Domain

santhosh.ap-south-1.elasticbeanstalk.com

Environment ID

e-ryguh9aamt

Application name

MyApplication

Platform

Change version

Platform

Node.js 20 running on 64bit Amazon Linux 2023/6.2.0

Running version

-

Platform state

Supported

Events (9)

Info

Filter events by text, property, or value

1

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

# Congratulations

Your first AWS Elastic Beanstalk Node.js application is now running on your own dedicated environment in the AWS Cloud

This environment is launched with Elastic Beanstalk Node.js Platform

## What's Next?

- [AWS Elastic Beanstalk overview](#)
- [AWS Elastic Beanstalk concepts](#)
- [Deploying an Express Application to AWS Elastic Beanstalk](#)
- [Deploying an Express application with clustering to Elastic Beanstalk](#)
- [Customizing and Configuring a Node.js Container](#)
- [Working with Logs](#)