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Thanuja Reddy ▼

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

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.

## How it works

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 

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Telegram

Create environment

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**Elastic Beanstalk** > **Environments** > Mynewtest123-env

**Creating Mynewtest123-env**
This will take a few minutes. ..

| 3:16pm | Created security group named: |
| | awseb-e-evdi3xwb3g-stack-AWSEBSecurityGroup-1S9C266Y7789Q |
| 3:16pm | Created security group named: |
| | sg-0a870b786cf5a6609 |
| 3:16pm | Created target group named: |
| | arn:aws:elasticloadbalancing:us-east-2:209321329407:targetgroup/awseb-AWSEB-YC6862DKGQFQ/ffe36100feeb487c |
| 3:16pm | Using elasticbeanstalk-us-east-2-209321329407 as Amazon S3 storage bucket for environment data. |
| 3:15pm | createEnvironment is starting. |

## Application information

### Application name

mynewtest123

Up to 100 Unicode characters, not including forward slash (/).

## Platform

### Platform

Python ▼

### Platform branch

Python 3.8 running on 64bit Amazon Linux 2 ▼

### Platform version

3.3.4 (Recommended) ▼

## Application code

○ **Sample application**
Get started right away with sample code.

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

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us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/gettingStarted

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## Application code

○ **Sample application**
Get started right away with sample code.

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

## Source code origin

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

mynewtest123-source

**Source code origin**
Maximum size 512 MB

○ Local file

● Public S3 URL

https://s3.us-east-2.amazonaws.com

▶ Application code tags

Cancel    Configure more options    **Create application**

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Elastic Beanstalk  >  Getting started

# Configure Mynewtest123-env-1

## 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.

Configuration presets

- ● Single instance *(Free Tier eligible)*
- ○ Single instance (using Spot instance)
- ○ High availability
- ○ High availability (using Spot and On-Demand instances)
- ○ Custom configuration

## Platform

**Python 3.8 running on 64bit Amazon Linux 2/3.3.4**

**Change platform version**

Software

Instances

Capacity

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**Elastic Beanstalk** > **Environments** > Mynewtest123-env-1

(i) **Creating Mynewtest123-env-1**
This will take a few minutes. ...

3:24pm   Environment health has transitioned to Pending. Initialization in progress (running for 19 seconds). There are no instances.

3:24pm   Created EIP: 3.23.118.79

3:23pm   Created security group named:
awseb-e-mqwnikxcyi-stack-AWSEBSecurityGroup-1I1XA2OOGSZ97

3:23pm   Using elasticbeanstalk-us-east-2-209321329407 as Amazon S3 storage bucket for environment data.

3:23pm   createEnvironment is starting.

Telegram

Mynewtest123-env-1 - Dashboar

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/environment/dashboard?applicationName=mynewtest123&environmentId=e-mqwnikxcyi

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Application name: **mynewtest123**

| Health | Running version | Platform |
|---|---|---|
| ✓ | Sample Application | Python 3.8 running on 64bit Amazon Linux 2/3.3.4 |
| Ok | **Upload and deploy** | |
| Causes | | Change |

## Recent events

Show

| Time | Type | Details |
|---|---|---|
| 2021-08-30 15:26:21 UTC+0530 | INFO | Added instance [i-03c5f368a55a8d1fc] to your environment. |
| 2021-08-30 15:26:21 UTC+0530 | INFO | Environment health has transitioned from Pending to Ok. Initialization completed 24 seconds ago and took 2 mir |
| 2021-08-30 15:25:50 UTC+0530 | INFO | Successfully launched environment: Mynewtest123-env-1 |
| 2021-08-30 15:25:49 UTC+0530 | INFO | Application available at Mynewtest123-env-1.eba-urwp82tf.us-east-2.elasticbeanstalk.com. |
| 2021-08-30 15:25:18 UTC+0530 | INFO | Instance deployment completed successfully. |

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Elastic Beanstalk > Environments > Mynewtest123-env-1

# Mynewtest123-env-1

**Mynewtest123-env-1.eba-urwp82tf.us-east-2.elasticbeanstalk.com** (e-mqwnikxcyi)
Application name: **mynewtest123**

⟳ Refresh

Actions

## Health

Ok

Causes

## Running version

Sample Application

Upload and deploy

## Platform

Python 3.8 running on 64bit
Amazon Linux 2/3.3.4

Change

## Recent events

Show

| Time | Type | Details |
|---|---|---|
| 2021-08-30 15:26:21 UTC+0530 | INFO | Added instance [i-03c5f368a55a8d1fc] to your environment. |
| 2021-08-30 15:26:21 UTC+0530 | INFO | Environment health has transitioned from Pending to Ok. Initialization completed 24 seconds ago and took 2 mir |

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# All applications

| Application name ▲ | Environments ▽ | Date created ▽ | Last modified ▽ | ARN |
|---|---|---|---|---|
| ○ mynewtest123 | Mynewtest123-env Mynewtest123-env-1 | 2021-08-30 15:15:14 UTC+0530 | 2021-08-30 15:15:14 UTC+0530 | arn:aws:elasticbeanstalk:us-east-2:209321329407:application/mynewtest123 |

Actions ▼     Create a new applic

Filter results matching the display values

< 1 >

Elastic Beanstalk > Applications > mynewtest123

# Application 'mynewtest123' environments

Create a new environ

| Filter results matching the display values | | | | | | | |

< 1 >

| Environment name ▲ | Health ▽ | Date created ▽ | Last modified ▽ | URL ▽ | Running versions ▽ | Platform ▽ | Platform state ▽ | Ti na |
|---|---|---|---|---|---|---|---|---|
| Mynewtest123-env | Ok | 2021-08-30 15:15:59 UTC+0530 | 2021-08-30 15:20:06 UTC+0530 | Mynewtest123-env.eba-urwp82tf.us-east-2.elasticbeanstalk.com | Sample Application | Python 3.8 running on 64bit Amazon Linux 2 | Supported | W |
| Mynewtest123-env-1 | Ok | 2021-08-30 15:23:33 UTC+0530 | 2021-08-30 15:25:50 UTC+0530 | Mynewtest123-env-1.eba-urwp82tf.us-east-2.elasticbeanstalk.com | Sample Application | Python 3.8 running on 64bit Amazon Linux 2 | Supported | W |

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Elastic Beanstalk > Environments > Mynewtest123-env

# Mynewtest123-env

**Mynewtest123-env.eba-urwp82tf.us-east-2.elasticbeanstalk.com** 🔗 (e-evdi3xwb3g)
Application name: **mynewtest123**

🔄 Refresh    Actions

## Health

✅

Ok

Causes

## Running version

Sample Application

Upload and deploy

## Platform

Python 3.8 running on 64bit
Amazon Linux 2/3.3.4

Change

## Recent events

Show

| Time | Type | Details |
|---|---|---|
| 2021-08-30 15:20:10 UTC+0530 | INFO | Added instance [i-0de5907a998de588b] to your environment. |
| 2021-08-30 15:20:10 UTC+0530 | INFO | Environment health has transitioned from Pending to Ok. Initialization completed 9 seconds ago and took 4 min |

# Congratulations

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

This environment is launched with Elastic Beanstalk Python Platform

## What's Next?

- AWS Elastic Beanstalk overview

- AWS Elastic Beanstalk concepts

- Deploy a Django Application to AWS Elastic Beanstalk

- Deploy a Flask Application to AWS Elastic Beanstalk

- Customizing and Configuring a Python Container

- Working with Logs

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Elastic Beanstalk  >  Environments  >  Mynewtest123-env

# Mynewtest123-env

**Mynewtest123-env.eba-urwp82tf.us-east-2.elasticbeanstalk.com** ↗ (e-evdi3xwb3g)
Application name: **mynewtest123**

⟳ Refresh          Actions

| | Load configuration |
| | Save configuration |
| | Swap environment URL |
| | Clone environment |
| | Clone with latest platfo |
| | Abort current operation |
| | Restart app server(s) |
| | Rebuild environment |
| | Terminate environment |

**Health**

✓

Ok

Causes

**Running version**

Sample Application

**Upload and deploy**

Python
Ama

## Recent events

Show

| Time | Type | Details |
|------|------|---------|
| 2021-08-30 15:20:10 UTC+0530 | INFO | Added instance [i-0de5907a998de588b] to your environment. |
| 2021-08-30 15:20:10 UTC+0530 | INFO | Environment health has transitioned from Pending to Ok. Initialization completed 9 seconds ago and took 4 min |

to search

Swap environment URLs

When you swap an environment's URL with another environment's URL, you can deploy versions with no downtime. Learn more ⧉

⚠ Swapping the environment URL will modify the Route 53 DNS configuration, which may take a few minutes. Your application will continue to run while the chan are propagated.

## Environment details

Environment name:

Mynewtest123-env (e-evdi3xwb3g)

Environment URL:

Mynewtest123-env.eba-urwp82tf.us-east-2.elasticbeanstalk.com

## Select an environment to swap

Environment name:

Mynewtest123-env-1 (e-mqwnikxcyi) ▼

Environment URL:

Mynewtest123-env-1.eba-urwp82tf.us-east-2.elasticbeanstalk.com

Cancel