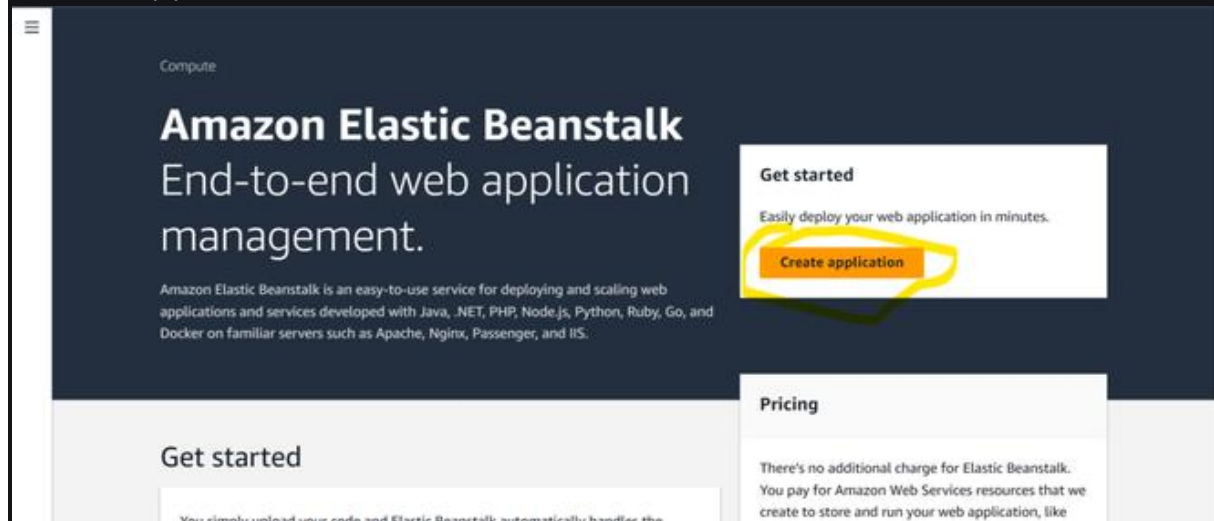


Step 1: Open AWS Console and Create and Elastic BeanStalk Application
An application is a top-level container in Elastic Beanstalk that contains one or more application environments. So, let's create an application. Click on Create Application



Provide Application name and Application Tags(Optional).

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

Maximum length of 100 characters.

► Application tags (optional)

Step 2: Scroll Down and Provide the below information :

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

Java

Platform branch

Corretto 17 running on 64bit Amazon Linux 2023

Platform version

4.0.1 (Recommended)

Step 3: In Application Code , Select upload your Code :Give a **Version Label**, and select **Local File** and select the **jar file** saved earlier.

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.

spring-demo-source

Source code origin. Maximum size 500 MB

☒ Local file

Upload application

 Choose file

☒ File name: **demo-0.0.1-SNAPSHOT.jar**

File must be less than 500MB max file size

☐ Public S3 URL

and click on **NEXT** .

Step 4: Configure Service Access. Select existing service role as **aws-elasticbeanstalk-service-role**

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

Select your EC2 key pair and [EC2 instance](#) profile to securely log in to your EC2 instances.

EC2 key pair

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

Spring

EC2 instance profile

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

AmazonSSMRoleForInstancesQuickSetup

[View permission details](#)

Now Click on **Skip to Review** ,
Step 5: Adding Environment Variable

Make Sure to add SERVER_PORT and JAVA_HOME values as

and java_home variable as,

after setting the environment variables , it will look like

Environment properties

Key ▲	Value ▼
GRADLE_HOME	/usr/local/gradle
JAVA_HOME	/usr/lib/jav/java
M2	/usr/local/apache-maven/bin
M2_HOME	/usr/local/apache-maven
SERVER_PORT	5000

Now Click On **Submit**.

Step 6: As soon as you click **Submit**, [Elastic Beanstalk](#) starts setting up your application environment. It will take few minutes , After completion the dashboard will look like this

Environment overview

Health

⊖ No Data - [View causes](#)

Domain

[Spring-Boot-env.eba-rr4jbn39.eu-north-1.elasticbeanstalk.com](#) [🔗](#)

Environment ID

📦 e-8pw2xdv8mc

Application name

[Spring-Boot](#)

Platform

[Change version](#)

Platform

Corretto 17 running on 64bit Amazon Linux 2023/4.0.1

Running version

spring-boot-source

Platform state

🟢 Supported

Upon clicking on the link under domain ,we will be directed to our deployed app,

