

Following are the screenshots for the application deployment in AWS

1. Creating new application

The screenshot shows the AWS Elastic Beanstalk console in the 'Application Information' step. The breadcrumb trail is 'Elastic Beanstalk > Assignment-10 > Teju'. A 'Create New Application' button is in the top right. The left sidebar has 'Application Info' selected, with 'New Environment' below it. The main content area is titled 'Application Information' and contains the instruction: 'To create a new application, enter the details of your application.' There are two input fields: 'Application name' with the value 'Teju-Assignment-10' and a note 'Must be less than 100 characters and cannot contain a /', and 'Description' with the value 'Deployment for Assignment 10' and a note 'Optional.'. At the bottom right are 'Cancel' and 'Next' buttons.

← → C <https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newApplication> ☆ Z 0 AWS

AWS Services Edit Tejaswi Ganne Oregon Support

Elastic Beanstalk Assignment-10 Teju Create New Application

Application Info
New Environment

Application Information

To create a new application, enter the details of your application.

Application name: Must be less than 100 characters and cannot contain a /

Description: Optional.

Cancel Next

The screenshot shows the AWS Elastic Beanstalk console in the 'Environment Type' step. The breadcrumb trail is 'Elastic Beanstalk > Assignment-10 > Teju'. A 'Create New Environment' button is in the top right. The left sidebar has 'Environment Type' selected, with 'Application Info', 'New Environment', 'Application Version', 'Environment Info', 'Additional Resources', 'Configuration Details', 'Environment Tags', 'Permissions', and 'Review Information' below it. The main content area is titled 'Environment Type' and contains the instruction: 'Choose the platform and type of environment to launch.' There are two dropdown menus: 'Predefined configuration' with the value 'Tomcat' and a link 'Looking for a different platform? Let us know.', and 'Environment type' with the value 'Single instance' and a link 'Learn more.'. Below the dropdowns is a note: 'AWS Elastic Beanstalk will create an environment running Tomcat 8 Java 8 on 64bit Amazon Linux 2015.09 v2.0.8. Change platform version.' At the bottom right are 'Cancel', 'Previous', and 'Next' buttons.

← → C <https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newApplication?applicationName=Teju-Assignment-10> ☆ Z 0 AWS

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Elastic Beanstalk Assignment-10 Teju Create New Environment

Application Info
New Environment
Environment Type
Application Version
Environment Info
Additional Resources
Configuration Details
Environment Tags
Permissions
Review Information

Environment Type

Choose the platform and type of environment to launch.

Predefined configuration: Looking for a different platform? Let us know.

AWS Elastic Beanstalk will create an environment running Tomcat 8 Java 8 on 64bit Amazon Linux 2015.09 v2.0.8. [Change platform version.](#)

Environment type: Learn more

Cancel Previous Next

Uploading the War file

← → ↻ <https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newApplication?applicationName=Teju-Assignment-10> ☆ Z O AWS

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Elastic Beanstalk Assignment-10 Teju Create New Environment

Application Info
New Environment
Environment Type
Application Version
Environment Info
Additional Resources
Configuration Details
Environment Tags
Permissions
Review Information

Application Version

Select a source for your application version.

Source: ☐ Sample application

☒ Upload your own [\(Learn more\)](#)

RESTExample.war

☐ S3 URL

(e.g. <https://s3.amazonaws.com/s3Bucket/s3Key>)

← → X <https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newApplication?applicationName=Teju-Assignment-10> ☆ Z O AWS

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Elastic Beanstalk Assignment-10 Teju Create New Environment

Application Info
New Environment
Environment Type
Application Version
Environment Info
Additional Resources
Configuration Details
Environment Tags
Permissions
Review Information

Application Version

Select a source for your application version.

Source: ☐ Sample application

☒ Upload your own [\(Learn more\)](#)

RESTExample.war

☐ S3 URL

(e.g. <https://s3.amazonaws.com/s3Bucket/s3Key>)

Uploading application version...

Info ✕

Elastic Beanstalk is now creating your environment. When it has finished it will be running First Release.

Teju-Assignment-10 ▸ tejuAssignment10-env (Environment ID: e-mwdnsrvgb, URL: tejuassignment10-env-us-west-2.elasticbeanstalk.com)

Actions ▾

Dashboard
Configuration
Logs
Health **NEW**
Monitoring
Alarms
Events
Tags

Elastic Beanstalk is launching your environment.
[View Events](#)

Overview

Refresh



Health

Pending

[Causes](#)

Running Version

[Upload and Deploy](#)



Configuration

64bit Amazon Linux 2015.09
v2.0.8 running Tomcat 8 Java 8

[Change](#)

Recent Events

[Show All](#)

Info ✕

Elastic Beanstalk is now creating your environment. When it has finished it will be running First Release.

Teju-Assignment-10 ▸ tejuAssignment10-env (Environment ID: e-mwdnsrvgb, URL: tejuassignment10-env-us-west-2.elasticbeanstalk.com)

Actions ▾

Dashboard
Configuration
Logs
Health **NEW**
Monitoring
Alarms
Events
Tags

Overview

Refresh



Health

Ok

[Causes](#)

Running Version

First Release

[Upload and Deploy](#)



Configuration

64bit Amazon Linux 2015.09
v2.0.8 running Tomcat 8 Java 8

[Change](#)

Recent Events

[Show All](#)

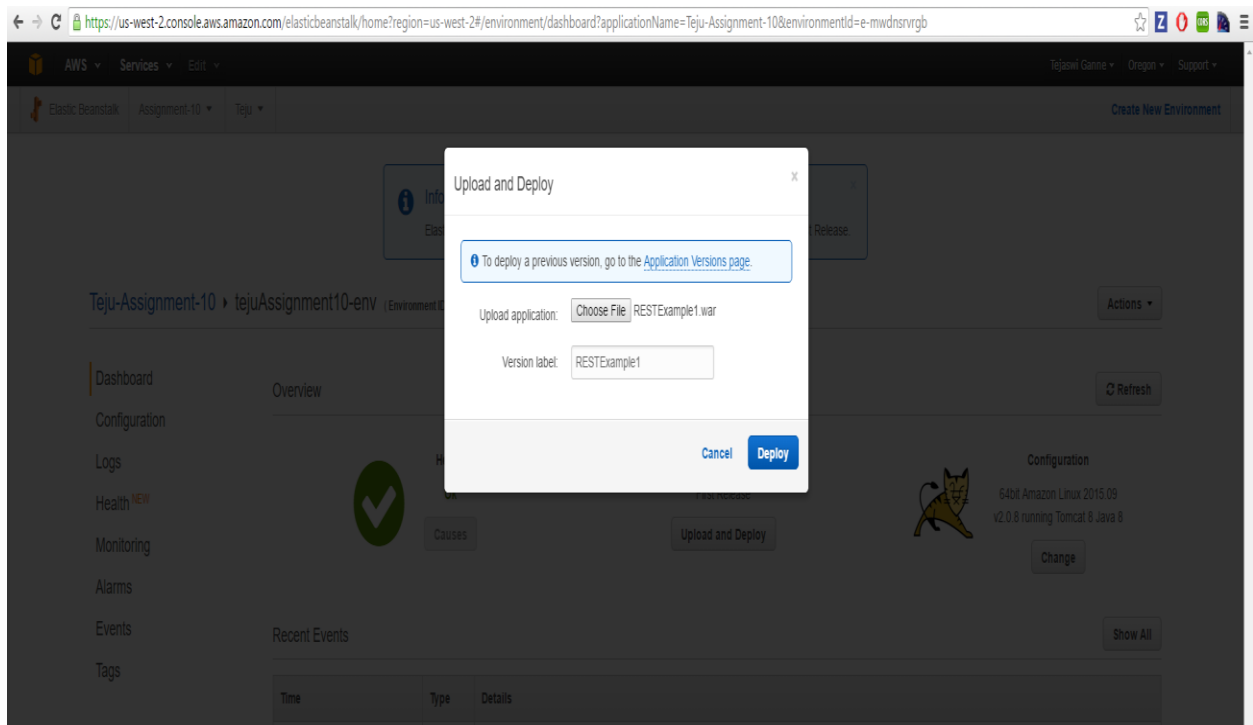
After clicking on the url provided by aws, we can run our application on the web



Url for the AWS application

<http://teju-env.us-west-2.elasticbeanstalk.com/labassignment/conversion/itou>

2. Uploading and deploying another application



← → C <https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/environment/dashboard?applicationName=Teju-Assignment-10&environmentId=e-mwdnsrvrgb> ☆ ⓘ ⓘ ⓘ ⓘ ⓘ

AWS Services Edit Tejaswi Ganne Oregon Support

Elastic Beanstalk Assignment-10 Teju Create New Environment

Info

Elastic Beanstalk is now creating your environment. When it has finished it will be running First Release.

Teju-Assignment-10 ▶ tejuAssignment10-env (Environment ID: e-mwdnsrvrgb, URL: tejuassignment10-env-us-west-2.elasticbeanstalk.com) Actions

Dashboard

Configuration

Logs

Health **NEW**

Monitoring

Alarms

Events


Tags

Elastic Beanstalk is launching your environment.

To cancel this operation select **Abort Current Operation** from the **Actions** dropdown.

[View Events](#)

Overview Refresh



Health


Info

Causes

Running Version

First Release

Upload and Deploy



Configuration

64bit Amazon Linux 2015.09

v2.0.8 running Tomcat 8 Java 8

Change

Recent Events Show All

← → C <https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/environment/dashboard?applicationName=Teju-Assignment-10&environmentId=e-mwdnsrvrgb> ☆ ⓘ ⓘ ⓘ ⓘ ⓘ

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Elastic Beanstalk Assignment-10 Teju Create New Environment

Info

Elastic Beanstalk is now creating your environment. When it has finished it will be running First Release.

Teju-Assignment-10 ▶ tejuAssignment10-env (Environment ID: e-mwdnsrvrgb, URL: tejuassignment10-env-us-west-2.elasticbeanstalk.com) Actions

Dashboard

Configuration

Logs

Health **NEW**


Monitoring

Alarms

Events

Tags

Overview Refresh



Health


Ok

Causes

Running Version

REStExample1

Upload and Deploy



Configuration

64bit Amazon Linux 2015.09

v2.0.8 running Tomcat 8 Java 8

Change

Recent Events Show All

← → ↻ tejuassignment10-env.us-west-2.elasticbeanstalk.com/labassignment/htoaconversion ☆ Z O MS ≡

@Produces("application/json") Output:

Hectare to Acre Converter Output:

{"Hectare Value":2,"Acre Value":4.9421}

AWS Url:

<http://teju-env.us-west-2.elasticbeanstalk.com/labassignment/htoaconversion>