

Assignment 10

AWS Link:

<http://shanmukapp.us-west-2.elasticbeanstalk.com/restexample/ktomconversion>

<http://shanmukapp.us-west-2.elasticbeanstalk.com/restexample/mtokconversion>

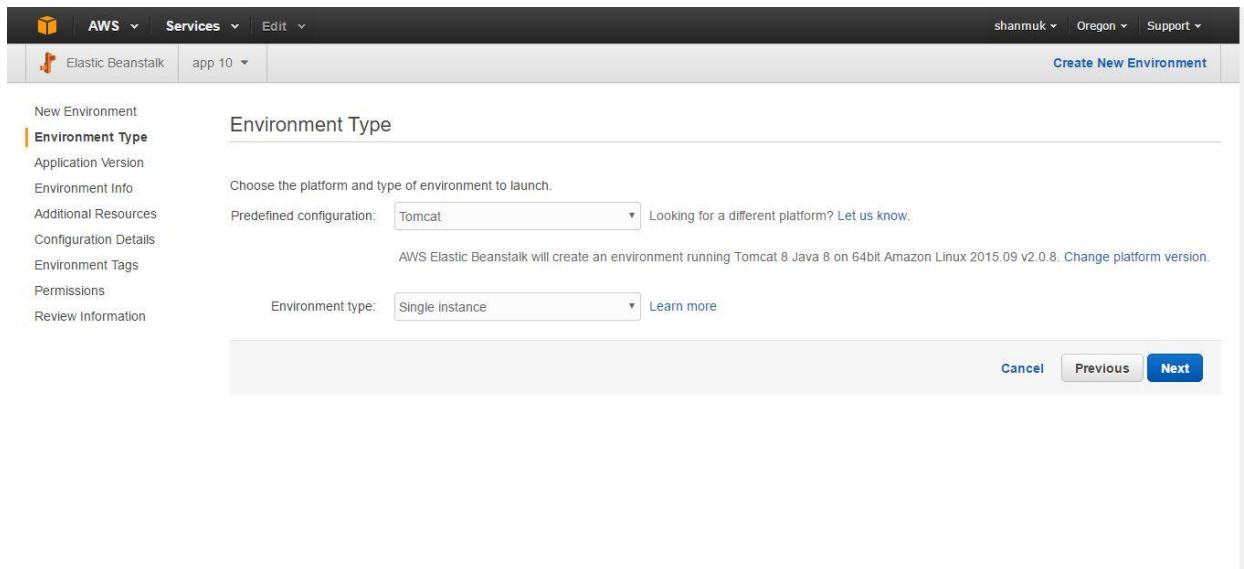
First Export the Application as WAR file.

Now, Login to the Amazon Web Services Account. Go to elastic beanstalk and click on Create New Application button.

Next, follow the steps and these below images shows those steps.

Step 1:

Select the predefined configuration and environment type as shown in the below figure.

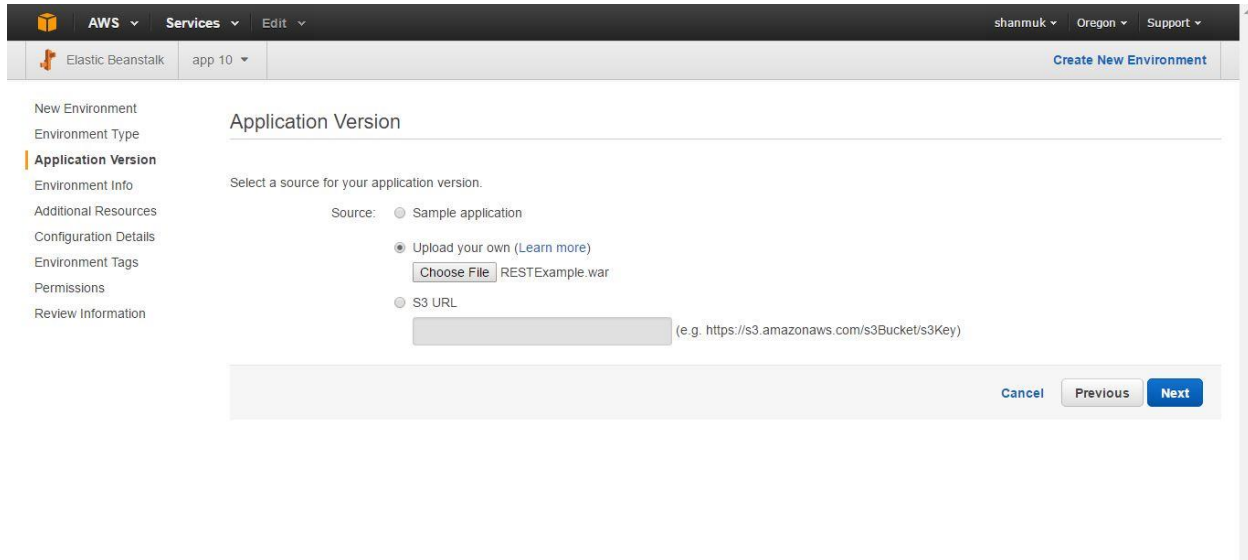


The screenshot shows the AWS Management Console interface for creating a new Elastic Beanstalk environment. The top navigation bar includes the AWS logo, account name 'shanmuk', region 'Oregon', and support link. The left sidebar shows the 'Elastic Beanstalk' service with a dropdown menu set to 'app 10'. The main content area is titled 'Environment Type' and contains the following elements:

- A breadcrumb trail: 'New Environment' > 'Environment Type'.
- A section header: 'Environment Type'.
- A prompt: 'Choose the platform and type of environment to launch.'
- A 'Predefined configuration' dropdown menu set to 'Tomcat', with a link 'Looking for a different platform? Let us know.'
- A descriptive text: 'AWS Elastic Beanstalk will create an environment running Tomcat 8 Java 8 on 64bit Amazon Linux 2015.09 v2.0.8. [Change platform version.](#)'
- An 'Environment type' dropdown menu set to 'Single Instance', with a link 'Learn more'.
- At the bottom right, three buttons: 'Cancel', 'Previous', and 'Next'.

Step 2:

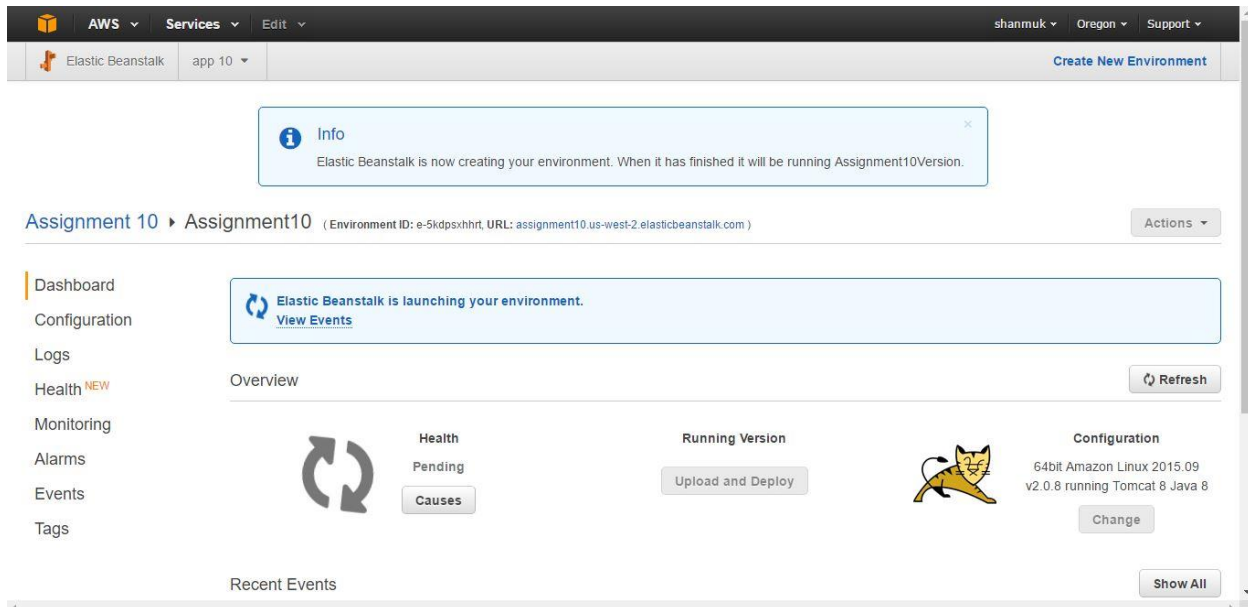
Now, we need to upload the WAR file which is generated.



The screenshot shows the AWS Elastic Beanstalk console. The top navigation bar includes the AWS logo, 'Services', 'Edit', and user information. The left sidebar lists navigation options: 'New Environment', 'Environment Type', 'Application Version' (highlighted), 'Environment Info', 'Additional Resources', 'Configuration Details', 'Environment Tags', 'Permissions', and 'Review Information'. The main content area is titled 'Application Version' and contains the instruction 'Select a source for your application version.' Below this, there are three radio button options: 'Sample application', 'Upload your own (Learn more)' (which is selected), and 'S3 URL'. Under 'Upload your own', there is a 'Choose File' button and the text 'RESTExample.war'. Under 'S3 URL', there is a text input field with a placeholder '(e.g. https://s3.amazonaws.com/s3Bucket/s3Key)'. At the bottom right of the main content area, there are three buttons: 'Cancel', 'Previous', and 'Next'.

Step 3:

The following image shows the application while deploying.



The screenshot shows the AWS Elastic Beanstalk console for an environment named 'Assignment10'. The top navigation bar is the same as in the previous screenshot. The left sidebar lists navigation options: 'Dashboard' (highlighted), 'Configuration', 'Logs', 'Health' (with a 'NEW' badge), 'Monitoring', 'Alarms', 'Events', and 'Tags'. The main content area has a title 'Assignment10' followed by '(Environment ID: e-5kdpvxhrt, URL: assignment10.us-west-2.elasticbeanstalk.com)' and an 'Actions' dropdown. Below the title, there is a blue banner that says 'Elastic Beanstalk is launching your environment.' with a 'View Events' link. Underneath the banner, there is an 'Overview' section with a 'Refresh' button. The 'Overview' section contains four cards: 'Health' (Pending), 'Running Version' (with an 'Upload and Deploy' button), 'Configuration' (64bit Amazon Linux 2015.09 v2.0.8 running Tomcat 8 Java 8, with a 'Change' button), and 'Recent Events' (with a 'Show All' button). The 'Health' card has a 'Causes' button. The 'Running Version' card has a cat icon.

Step 4:

The below image shows the success screen.

The screenshot displays the AWS Elastic Beanstalk console for an environment named 'Assignment10'. The environment is in a 'Healthy' state, indicated by a green checkmark icon and the text 'Health Ok'. The 'Running Version' is 'Assignment10Version', and the 'Configuration' is '64bit Amazon Linux 2015.09 v2.0.8 running Tomcat 8 Java 8'. The 'Recent Events' table shows a successful launch and health transition.

Assignment10 ▶ Assignment10 (Environment ID: e-5kdpvxhrt, URL: assignment10 us-west-2 elasticbeanstalk.com)

Overview

Health **Ok** **Causes**

Running Version Assignment10Version **Upload and Deploy**

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

Recent Events **Show All**

Time	Type	Details
2016-04-05 23:34:27 UTC-0500	INFO	Successfully launched environment: Assignment10
2016-04-05 23:33:48 UTC-0500	INFO	Environment health has transitioned from Pending to Ok.
2016-04-05 23:32:48 UTC-0500	INFO	Added instance [i-011c0b9730441486d] to your environment.
2016-04-05 23:32:17 UTC-0500	INFO	Waiting for EC2 instances to launch. This may take a few minutes.
2016-04-05 23:30:48 UTC-0500	INFO	Environment health has transitioned to Pending. There are no instances.

Step 5:

The following 2 screens shows the results after deployment.

