

CS5551 – Advanced Software Engineering

Dr. Yugyung Lee

Assignment# 10

Submitted by Pallavi Ramineni | Class ID: 49 | #16208562


Task: Create Amazon Elastic Bean Stalk instance and deploy the Java application.

Steps:

1. Amazon AWS – Elastic Bean Stalk account has been created.
2. A Micro Instance with Tomcat 8 Java 8 has been launched.
3. A **WAR** file of the Java Application is exported and is deployed into the instance. The URL of the instance is: <http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/>
4. The existing mobile application has been modified and all the \$http calls are being served by the Amazon instance.

Overview

Refresh



Health


Ok

Causes

Running Version

PallaviAssignment6.1

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
2016-04-01 22:15:46 UTC-0500	INFO	Environment health has transitioned from Warning to Ok.
2016-04-01 22:14:46 UTC-0500	WARN	Environment health has transitioned from Ok to Warning. 1 out of 1 instances are impacted. See instance health for details.
2016-04-01 22:13:46 UTC-0500	INFO	Environment update completed successfully.
2016-04-01 22:13:46 UTC-0500	INFO	New application version was deployed to running EC2 instances.
2016-04-01 22:13:27 UTC-0500	INFO	Deploying new version to instance(s).

Computation API Services

Service	End point	Parameters
Simple Interest	http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/calculate/si/p/r/y	p, t, r
Request URI: http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/calculate/si/3500/12/4		
JSON Response { "SimpleInterest": 1000 }		
Compound Interest	http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/calculate/ci/p/r/n/t	p, r, n, t
Request URI: http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/calculate/ci/3000/4/2/12		
JSON Response { "CompoundInterest": 9.223372036854776E18 }		
Kelvin to Fahrenheit	http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/metrics/kelvintoF/kelvin	kelvin
Request URI: http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/metrics/kelvintoF/300		
JSON Response { "Fahrenheit": 80 }		
Kelvin to Celsius	http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/metrics/kelvintoC/kelvin	kelvin
Request URI: http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/metrics/kelvintoC/320		
JSON Response { "Celsius": 47 }		

Service	URL
Simple Interest	http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/calculate/si/3500/12/4
Compound Interest	http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/calculate/ci/3000/4/2/12
Kelvin to Fahrenheit	http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/metrics/kelvintoF/300
Kelvin to Celsius	http://restlab10.amaxdsuktr.us-west-2.elasticbeanstalk.com/labassignment/metrics/kelvintoC/320

App demo

