

Instructions:


- This code contains the below files and place the below files in one folder.
 1. **ebdtccterraapplication.tf** -- Application file
 2. **ebdtccvariable.tf** -- Variable file
 3. **provider_aws.tf** -- provider and credentials path (it will take your local credentials file)
 4. **pyterra.zip** --- Zip file which has application.py (this will create python webserver running on 8000 port with html page “WelcomeDTCC” which shows “Terraform For the people”
 5. **Makefile** – created this phony Makefile to launch Terraform template with single command. This will execute both plan and apply
- The user to launch this should contain below policies.
 1. AmazonEC2FullAccess
 2. AmazonS3FullAccess
 3. AWSElasticBeanstalkFullAccess
 4. AWSCodeDeployFullAccess
- To launch with single command from the folder in which you placed the above files:
 1. Makefile all
- This will “create an s3 bucket and upload the python webserver with html page under beanstalk folder. Later it will create an AWS elastic bean stalk environment under which application will deploy this pyterra.zip file and launch the environment with URL to show html page” as below: We will not do anything manually

dtccapplication

Create New Applica

dtccapplication > dtcterrassignmentenv (Environment ID: e-prapvphajx, URL: dtcterrassignmentenvu5k23m2pyc.us-west-2.elasticbeanstalk.com)


Overview



Health
Green
Causes

Running Version
dtccversion

Upload and Deploy



Configuration
64bit Amazon Linux 2017.03
v2.5.1 running Python 3.4
Change

Recent Events

Time	Type	Details
2017-09-19 20:13:09 UTC-0600	INFO	Successfully launched environment: dtcterrassignmentenv
2017-09-19 20:13:08 UTC-0600	INFO	Application available at dtcterrassignmentenv.u5k23m2pyc.us-west-2.elasticbeanstalk.com.

➤ Once you click the URL :

