CS 524 Intro to Cloud computing

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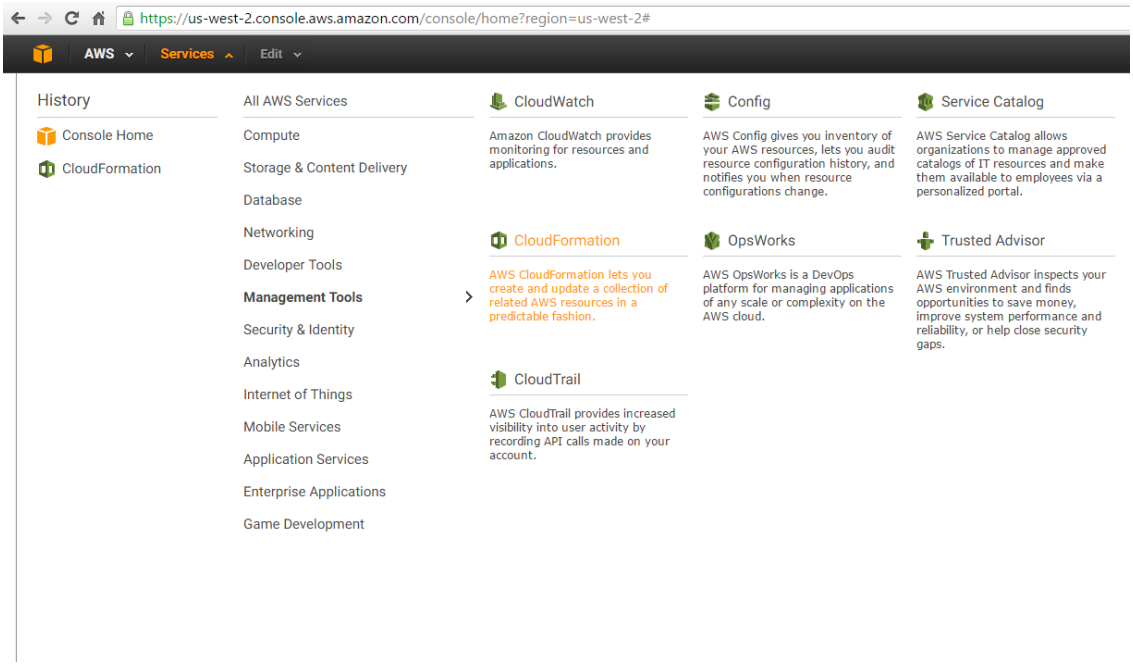
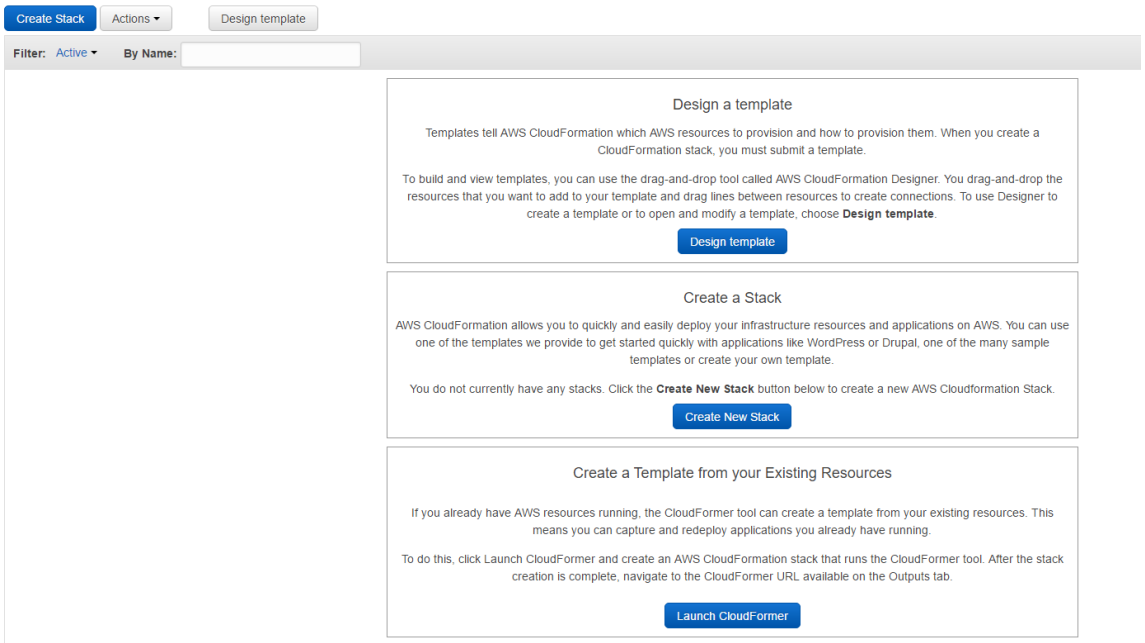
Lab Assignment 3

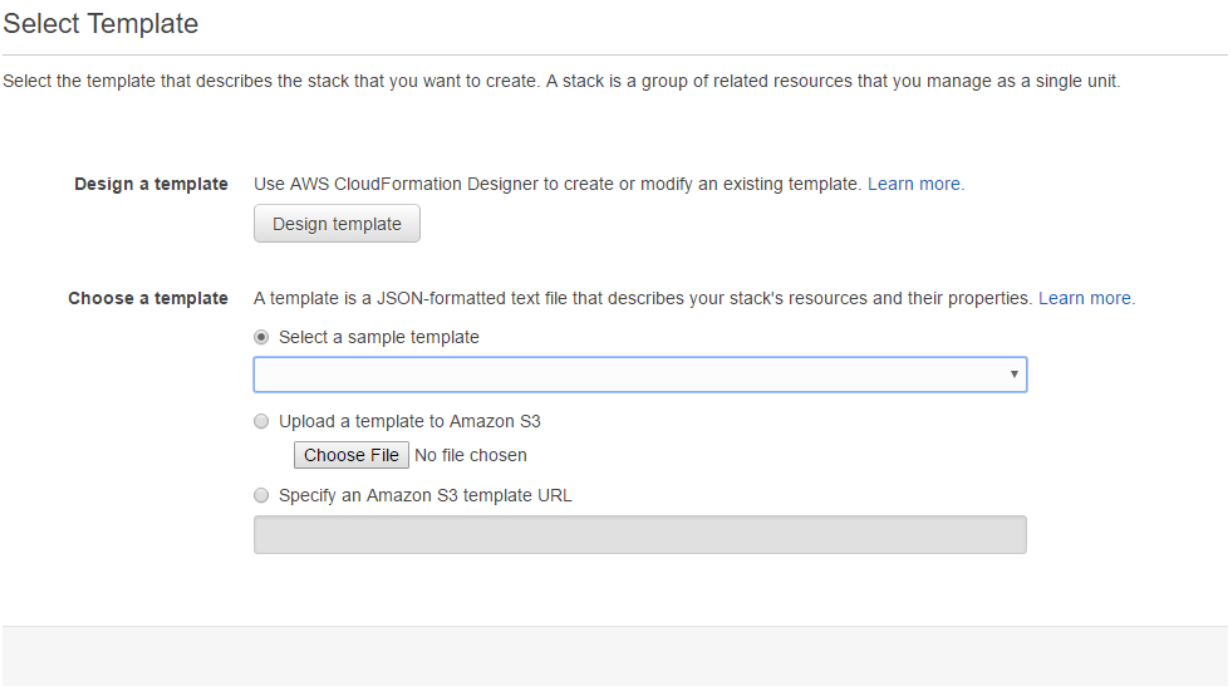
In the wake of signing into AWS, Click on CloudFormation administration from Management apparatuses alternative:



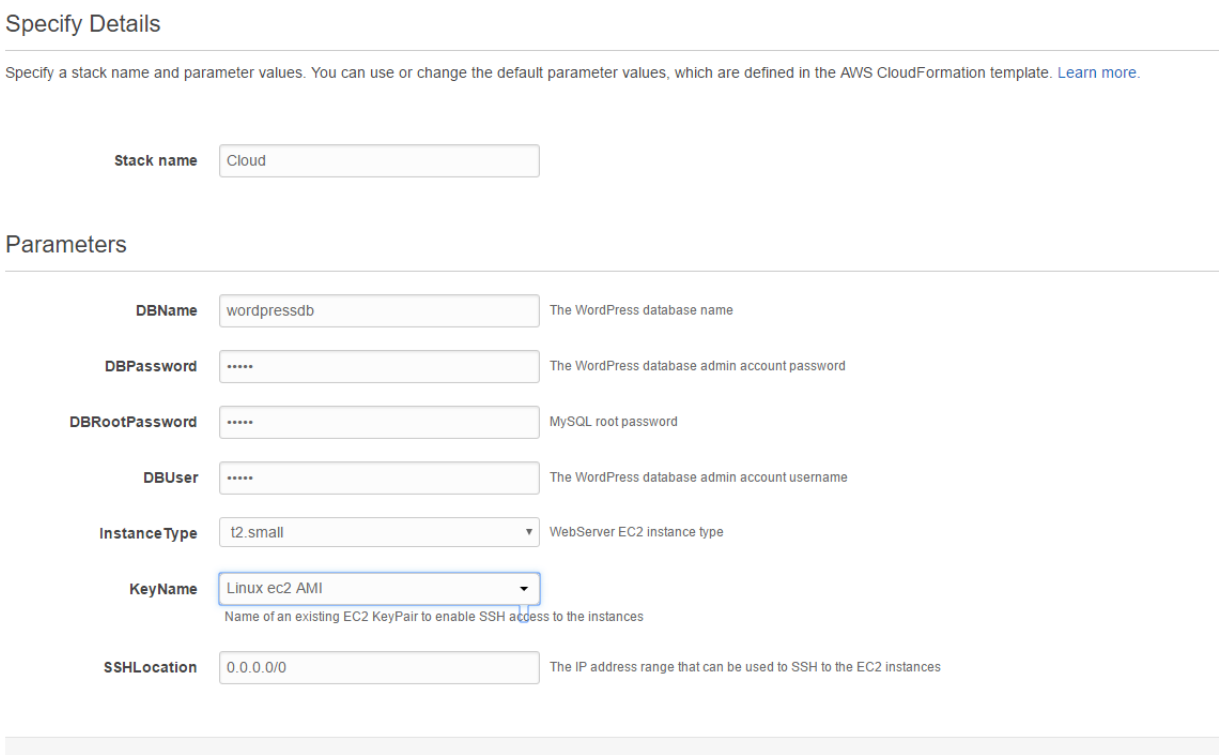
Click on Create a new Stack

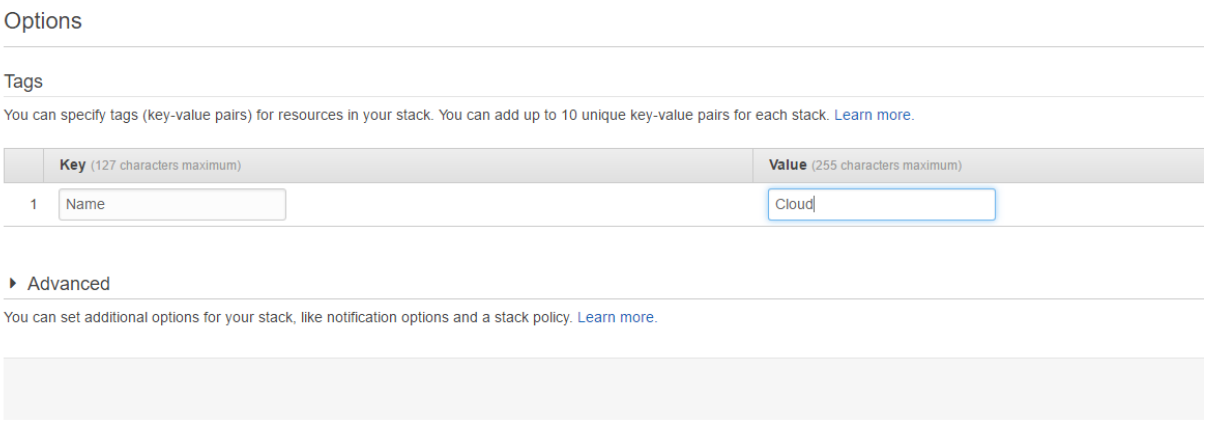


Select a sample template WordPress blog so that we can customize website.

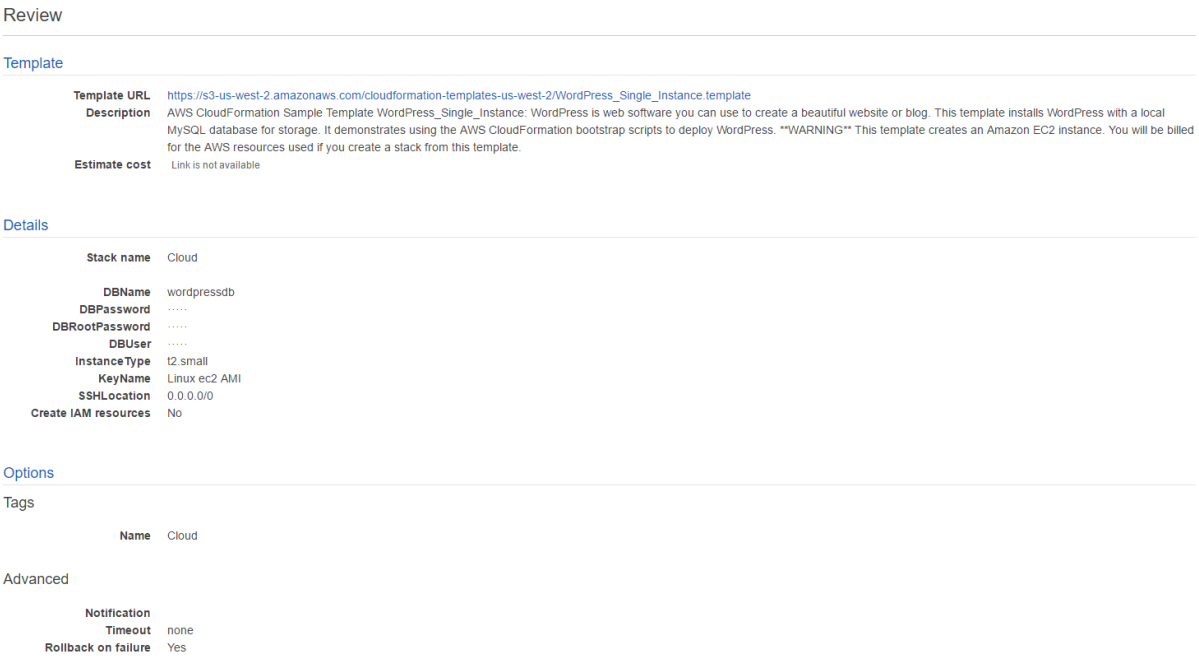


Fill necessary details such as Username, password, Key-pair etc.

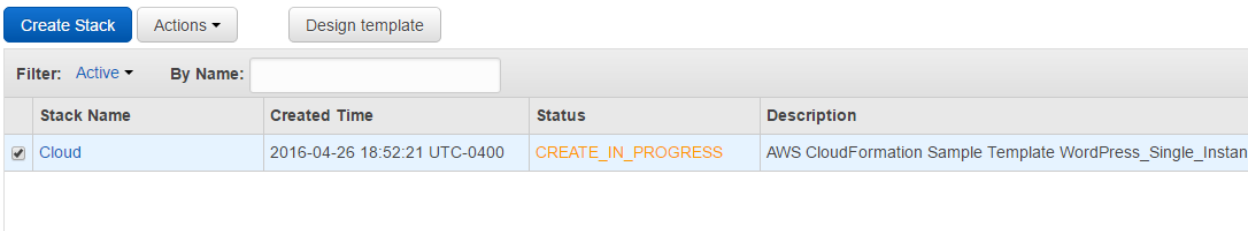


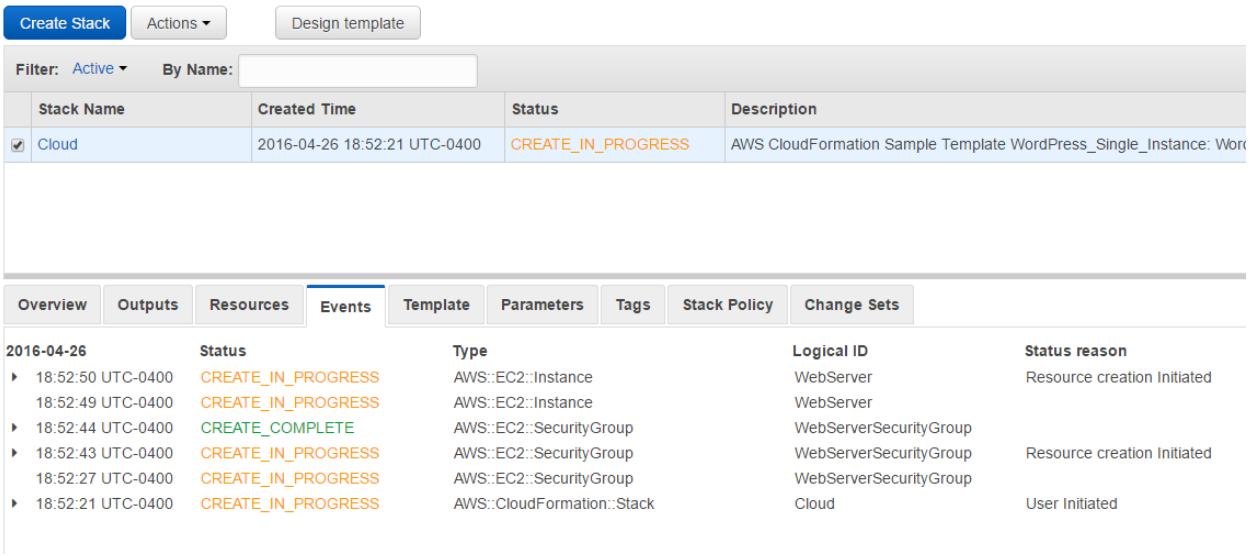


After reviewing all details click on create



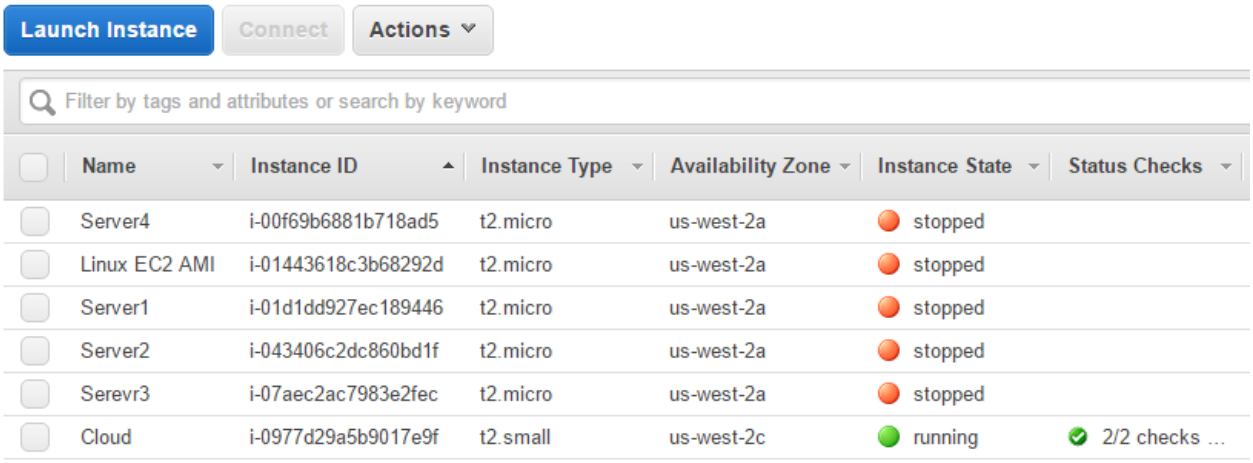
Presently you will see new stack being made and status will CREATE_IN_PROGRESS, refresh it until its status is CREATE_COMPLETE, at times your change will be roll-upheld and that is because of disappointment of creation of stack.



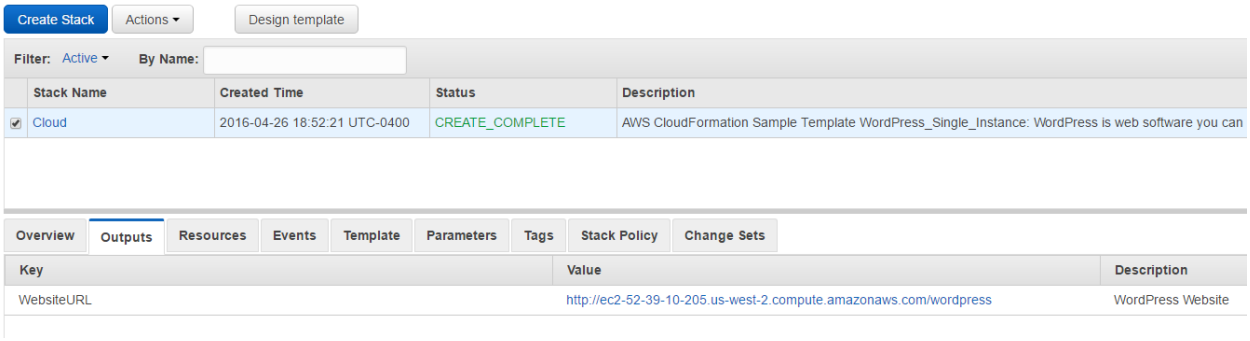


We can view generated template's script below.

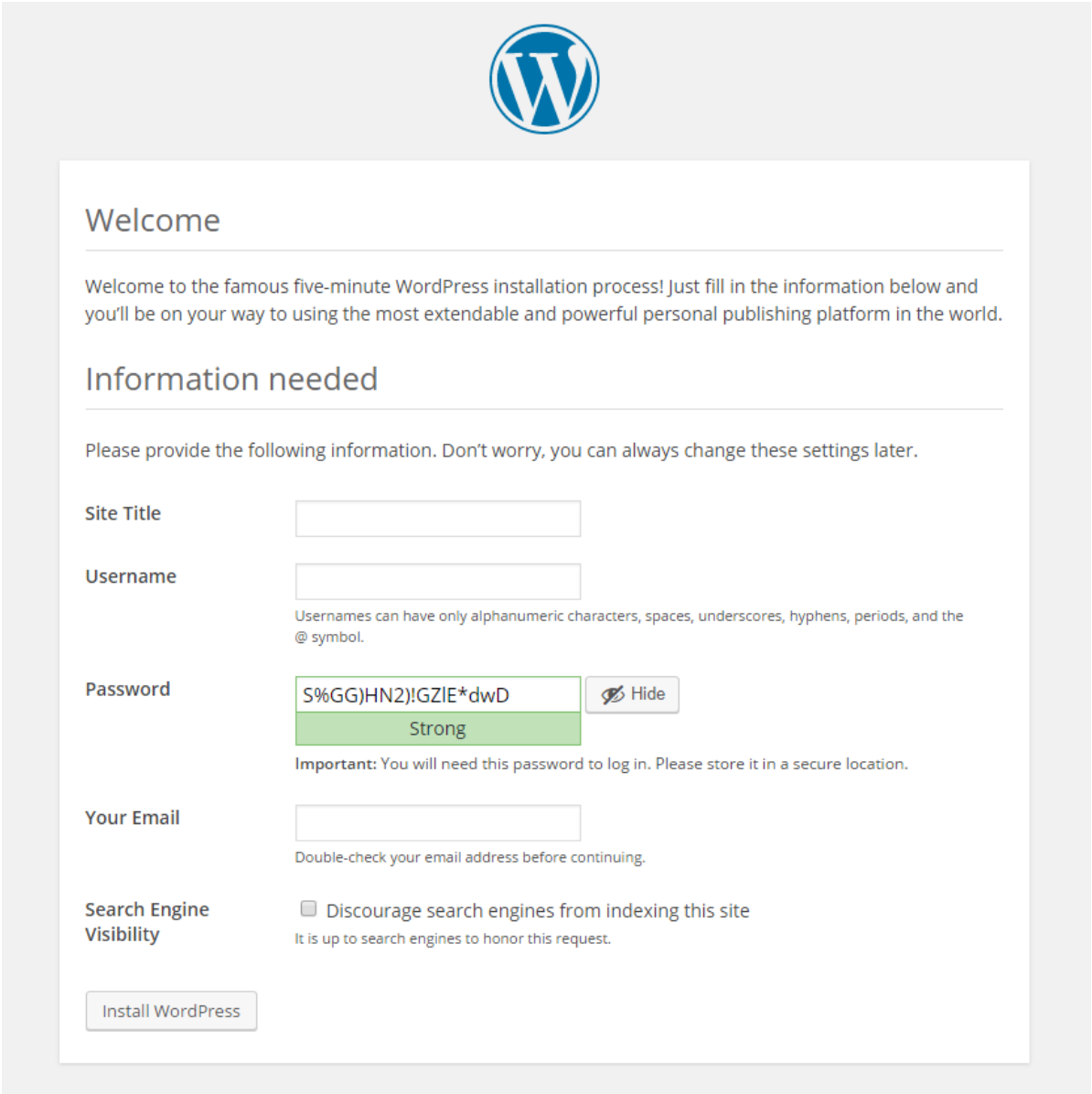
Beneath depiction demonstrates that instance made because of progress deploy of Stack. Which implies at whatever point we will create a stack utilizing AWS cloud development an instance will be made in the same locale after its status indicates CREATE_COMPLETE.

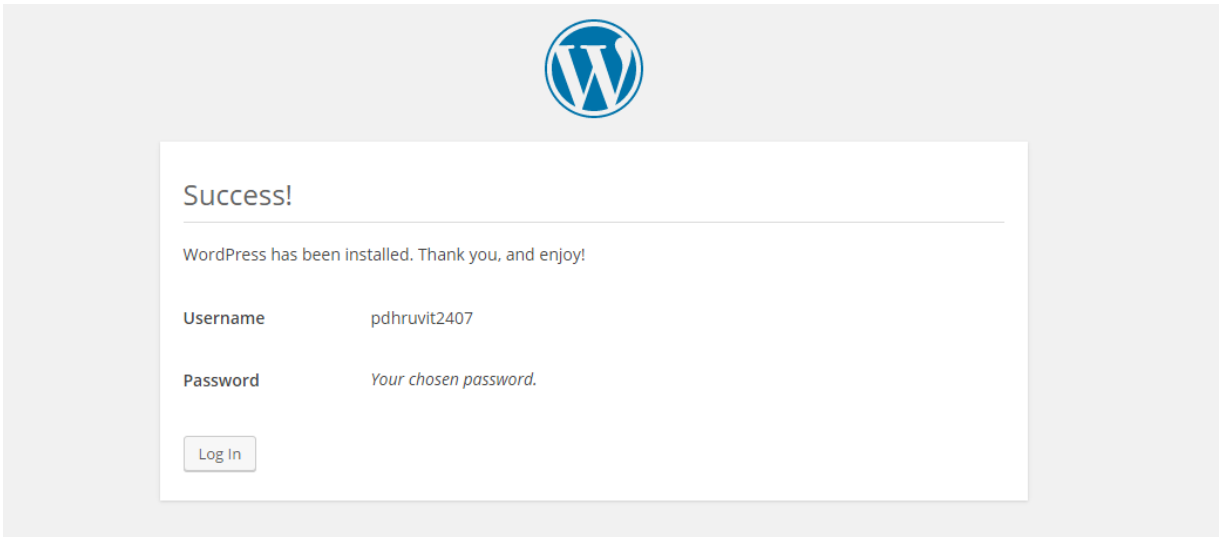


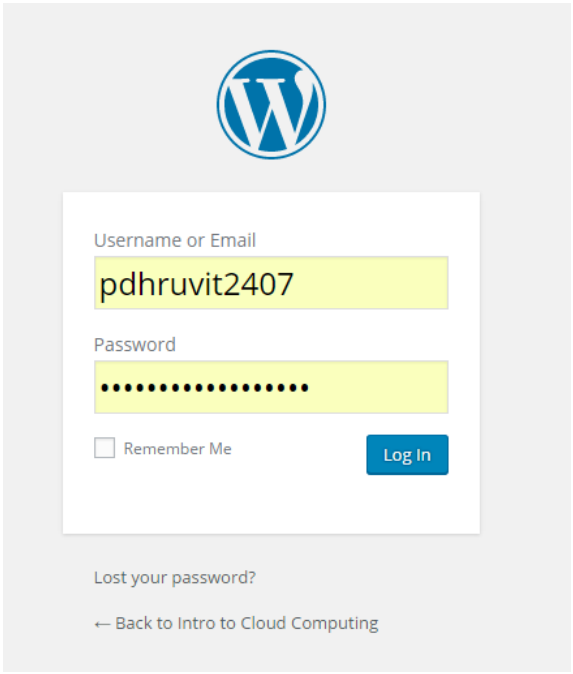
When status will be CREATE_COMPLETE click on outputs which will give you link to open WordPress site and there you can customize your own website.



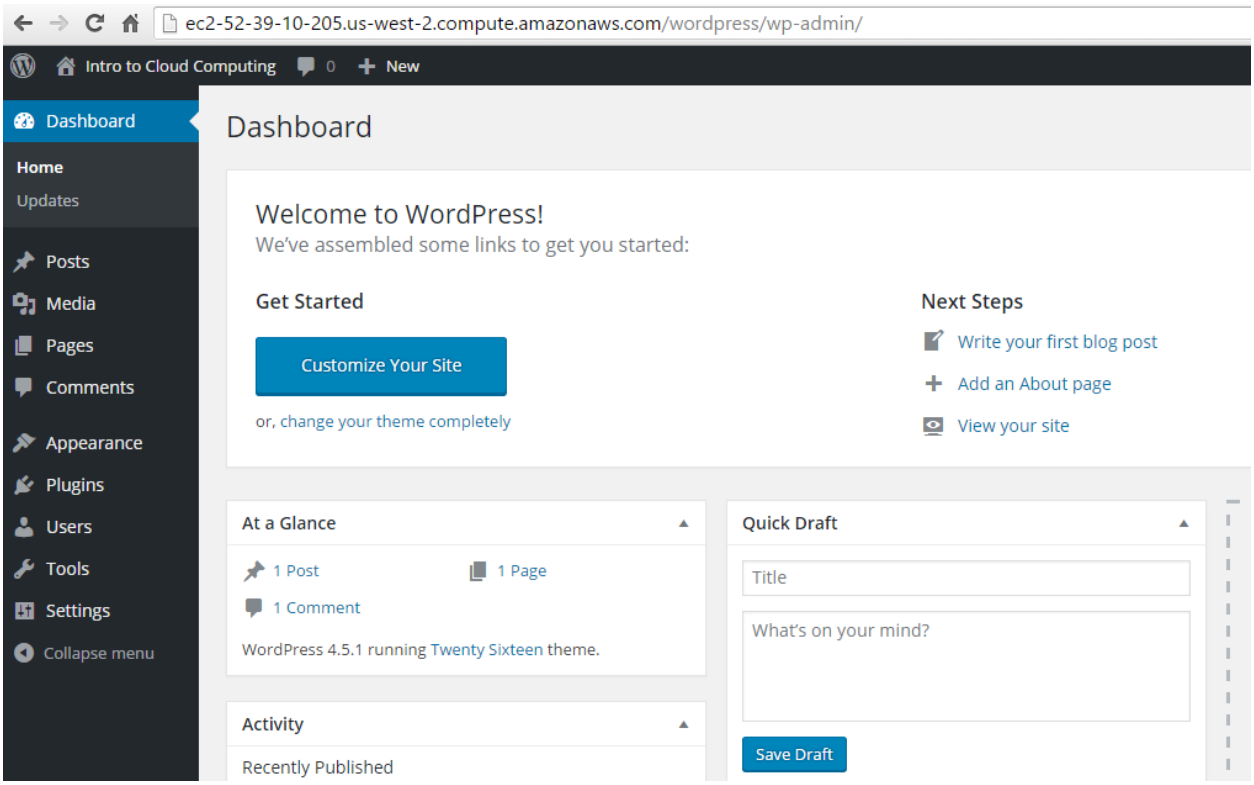
After clicking on web URL we will get below, enter required details

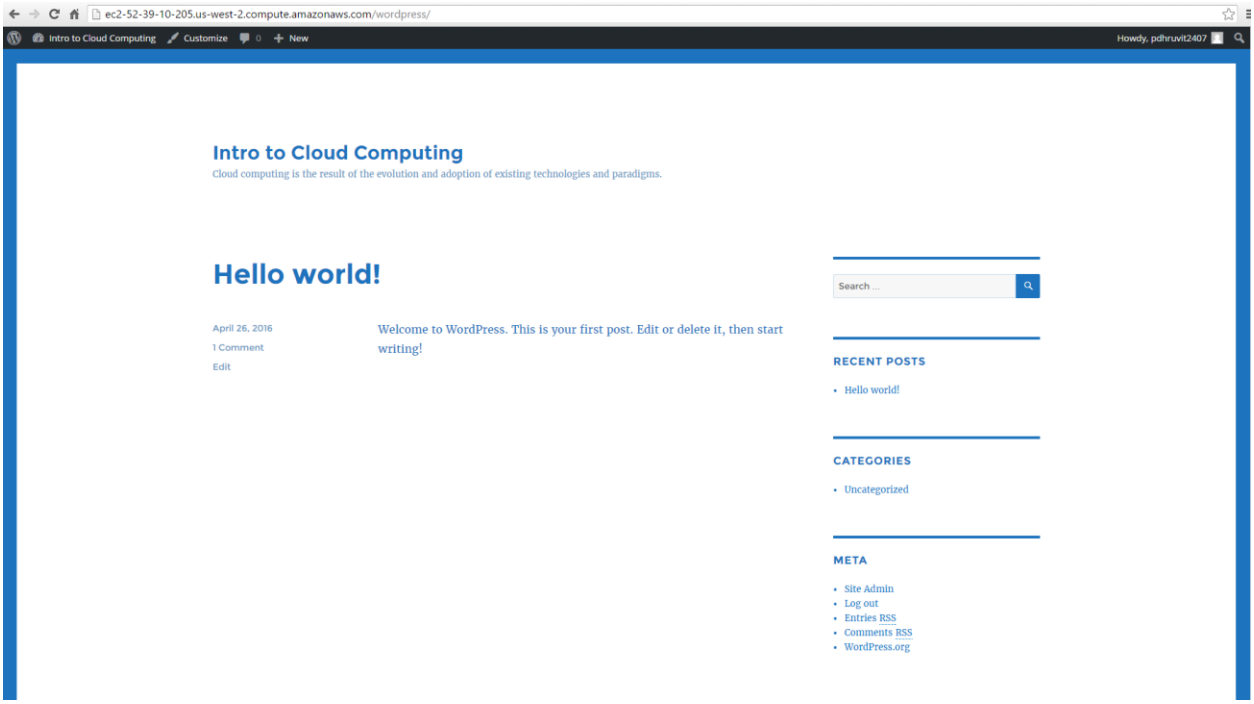



Success!
WordPress has been installed. Thank you, and enjoy!
Username
pdhruvit2407
Password
Your chosen password.
Log In


Username or Email
pdhruvit2407
Password
Remember Me
Log In
Lost your password?
← Back to Intro to Cloud Computing

After login you will see on underneath Dashboard of WordPress with name which you will use as your new site name. In my case its "Introduction to Cloud Computing".



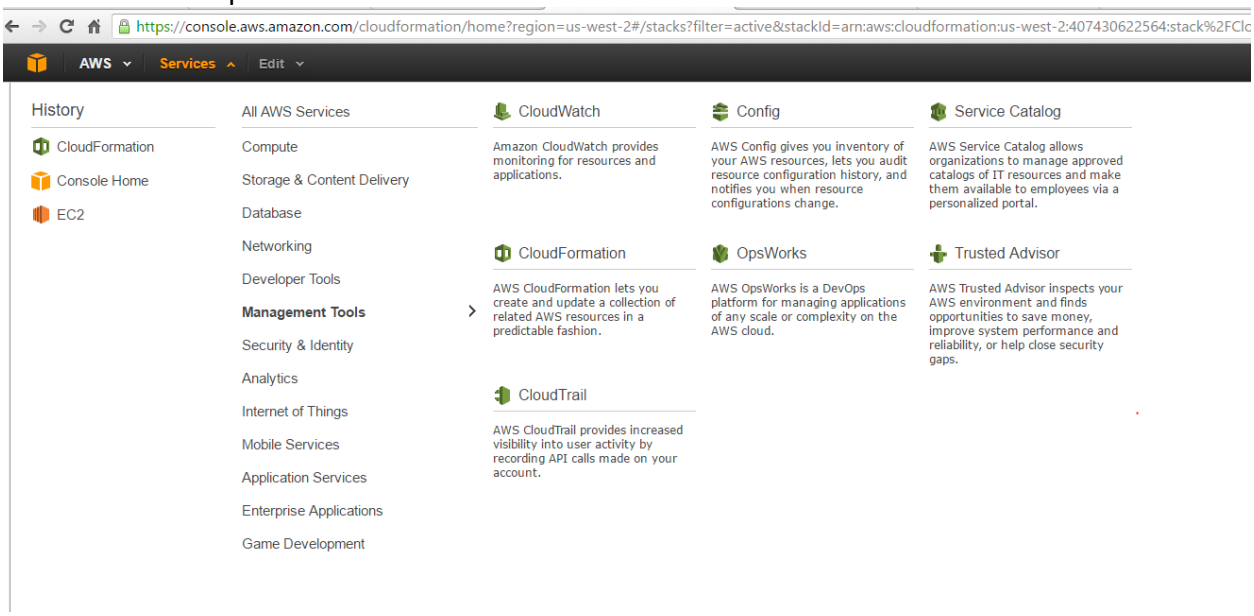


Extra task for 20 marks using OpsWorks:

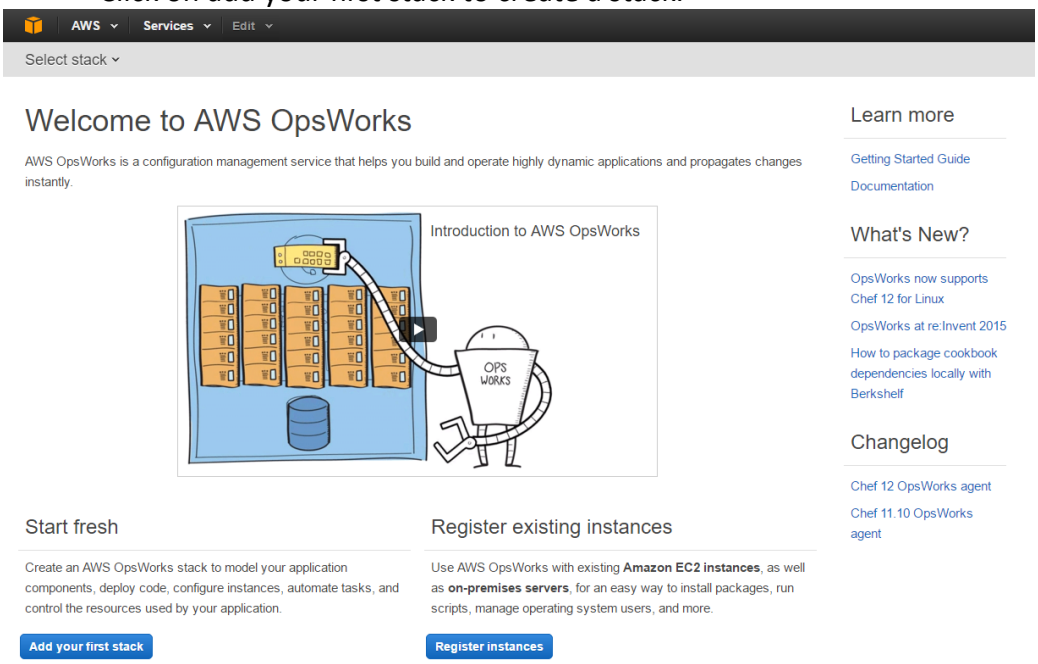
I utilized the chef service (that is accessible in OpsWorks) keeping in mind the end goal to host **"Intro to cloud computing"** custom website through php instance. Chef expert is an application that is utilized for automation of server.

Below is the detailed steps which will “Intro to Cloud Computing” link website to php server through an instance.

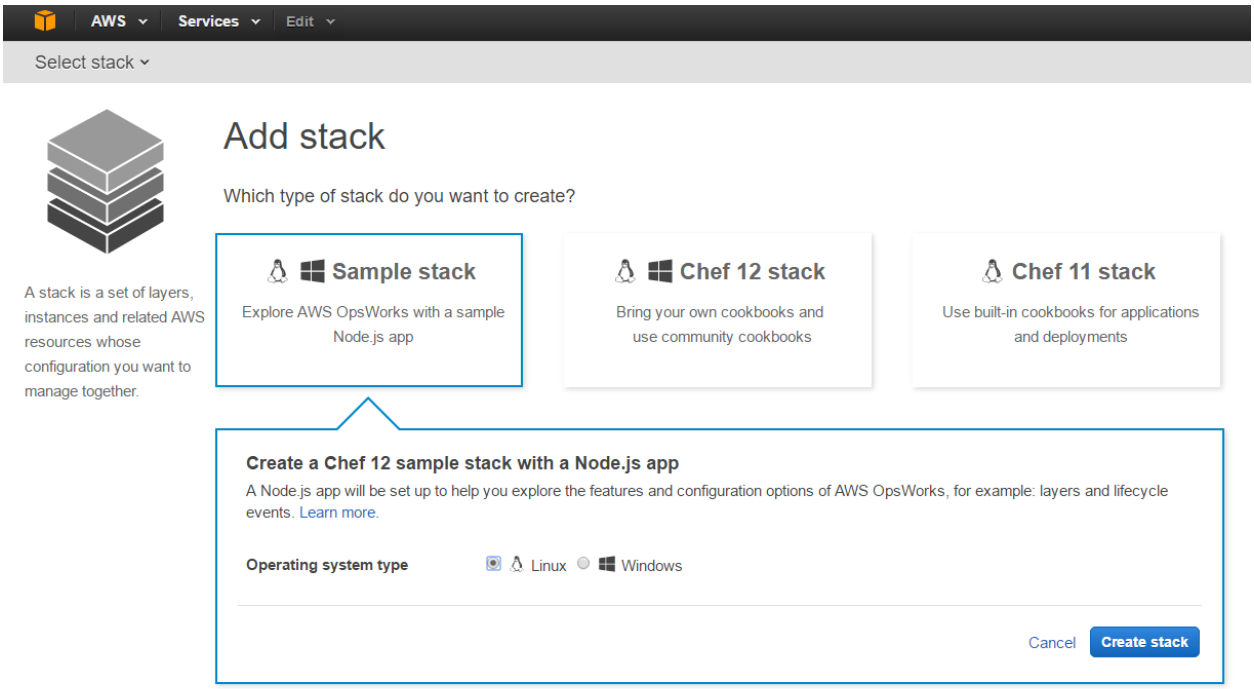
- Click on OpsWorks



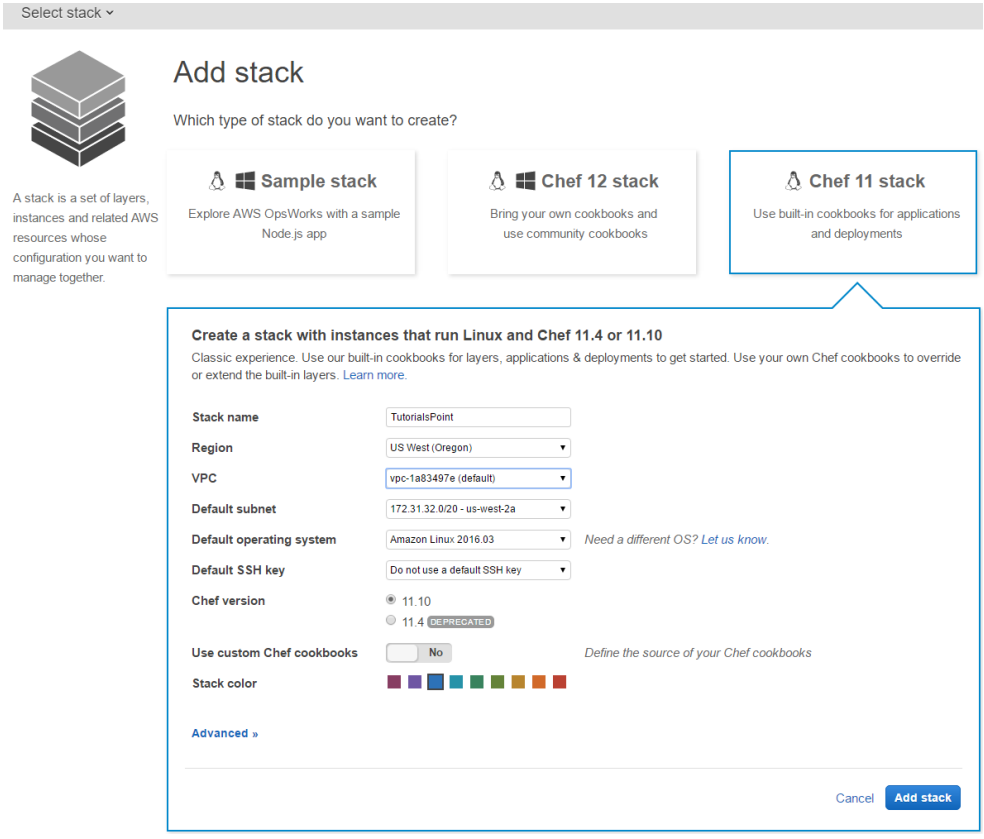
- Click on add your first stack to create a stack.



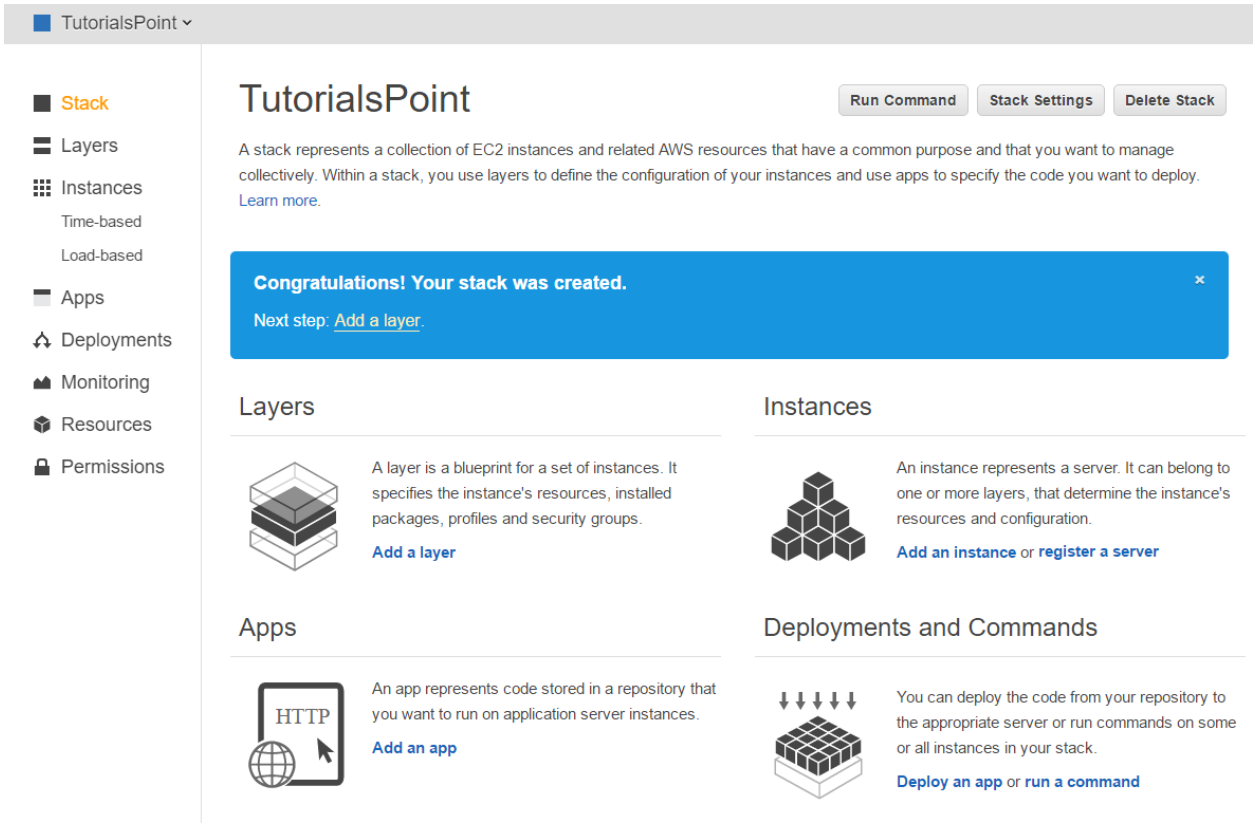
- Click on Chef 11 stack and fill in below details to create a stack.



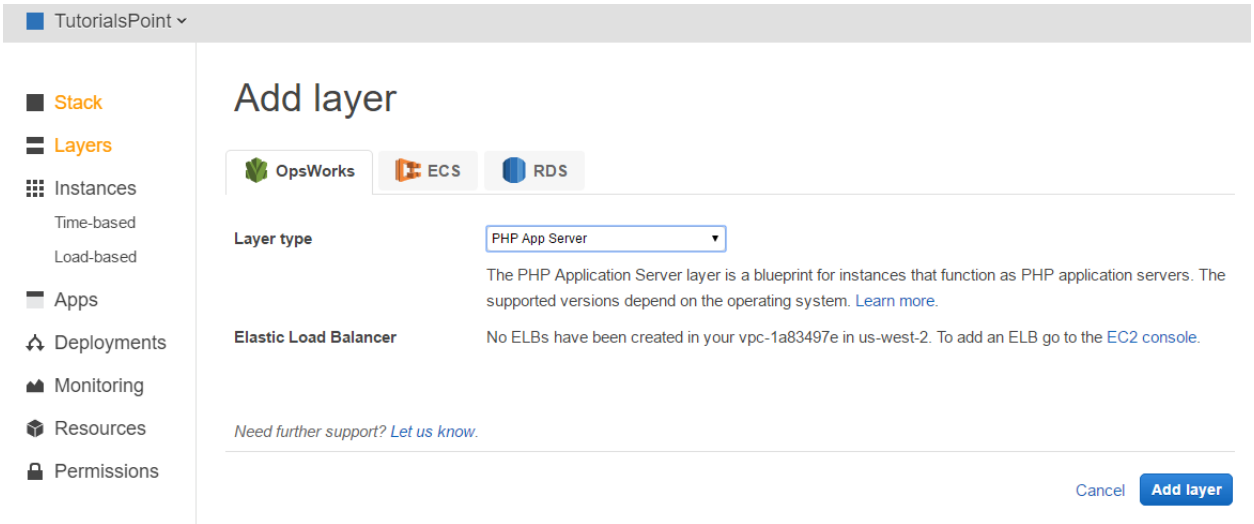
- Give stack name (“TutorialsPoint”) and click on create stack.



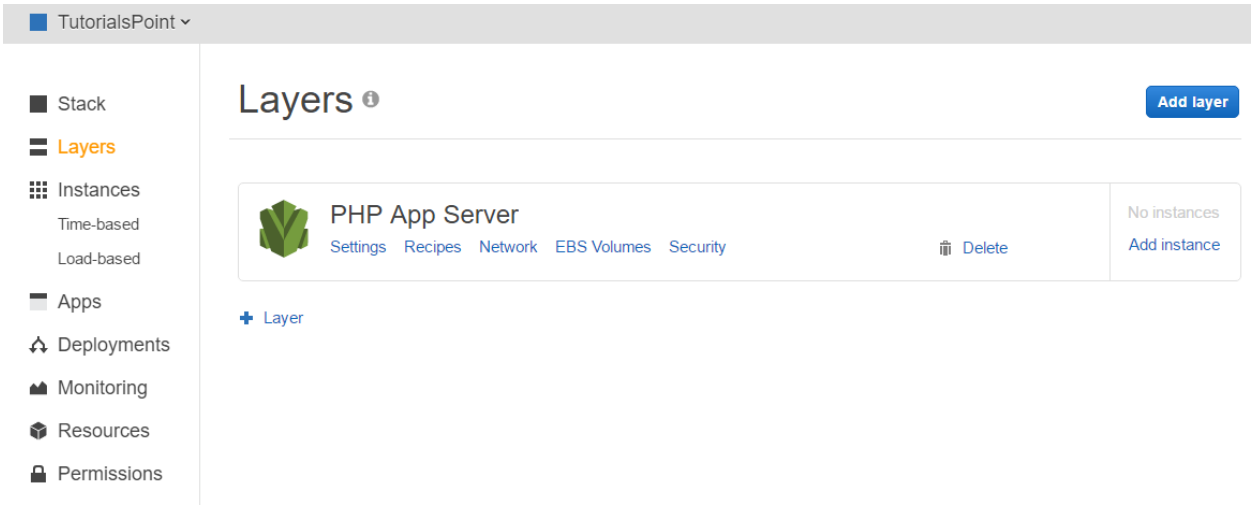
- Once you tap on create stack, you will see underneath screen which says stack is made with name you gave.



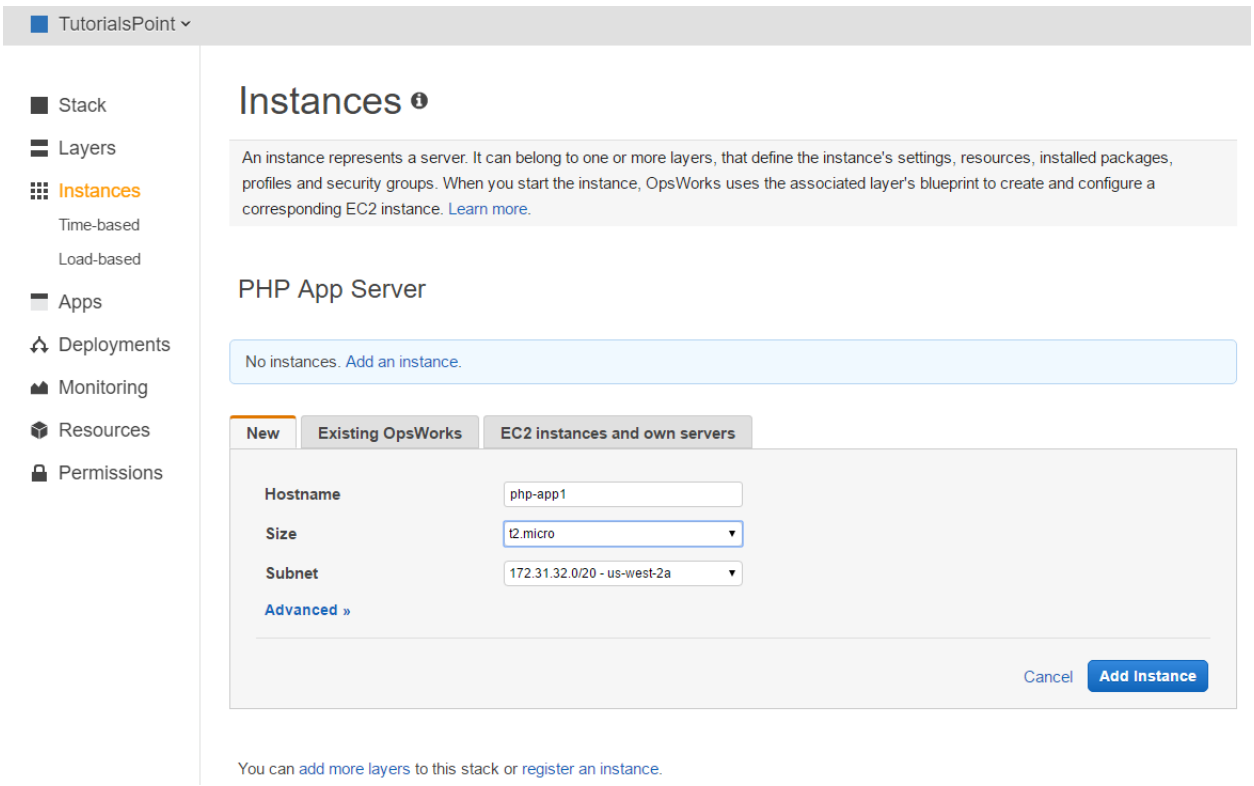
- Click on Add Layer
- Select any layer type-here I have selected PHP App Server



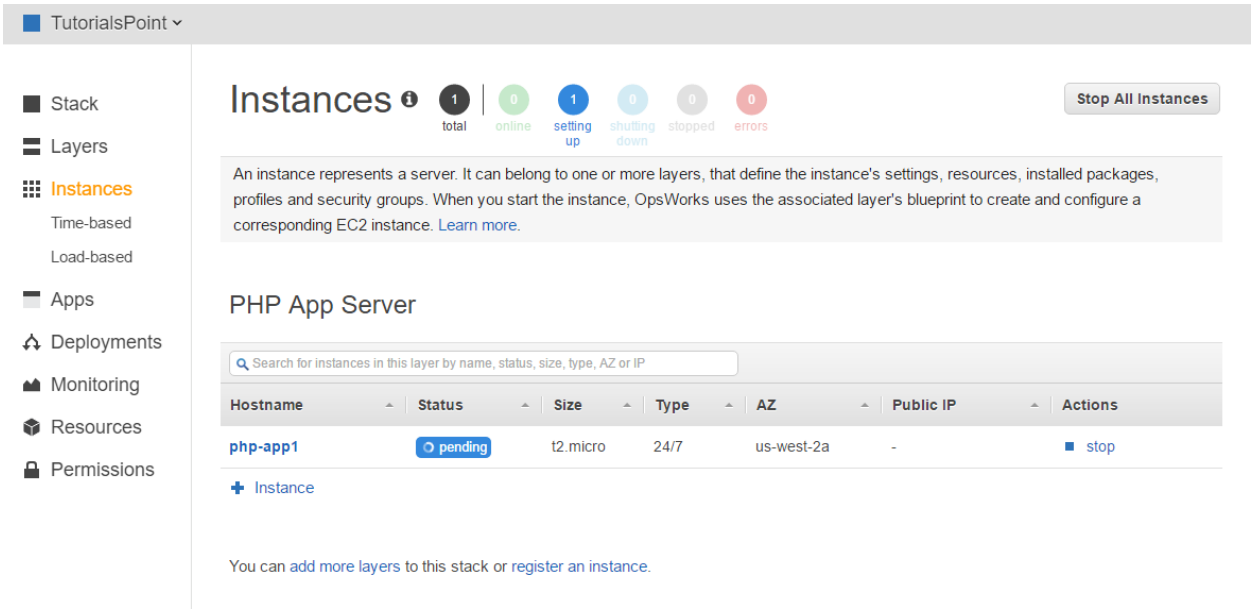
- Click on add layer and you will see below screen, now click on add instance.

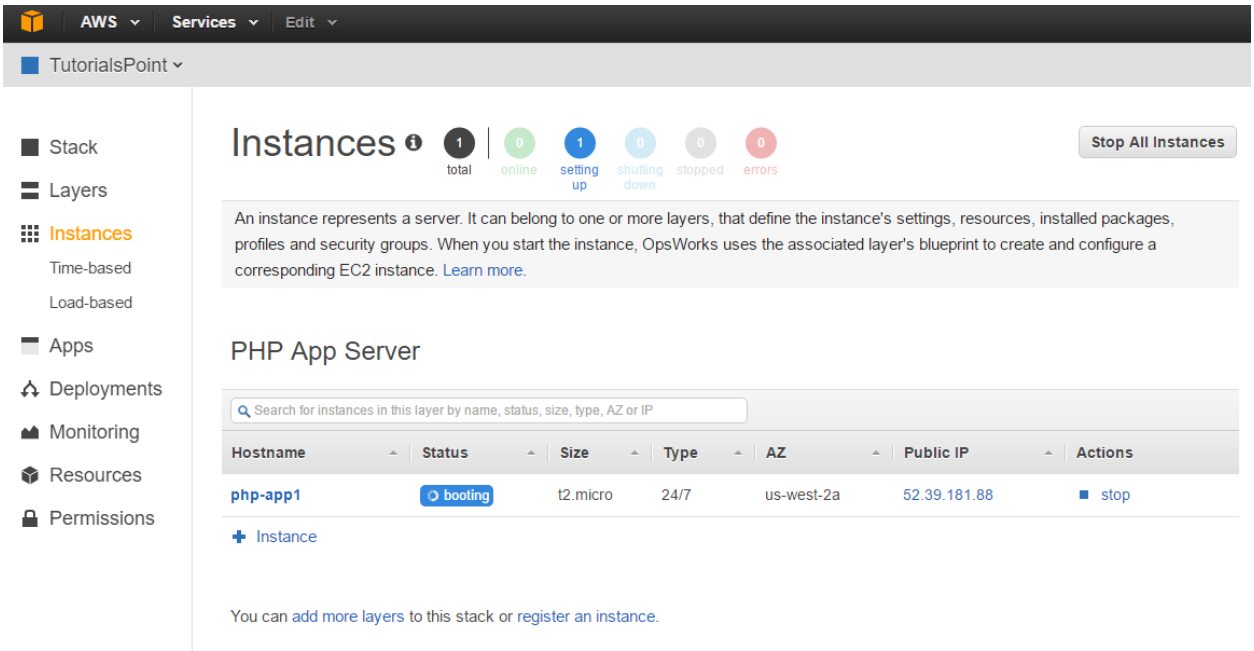


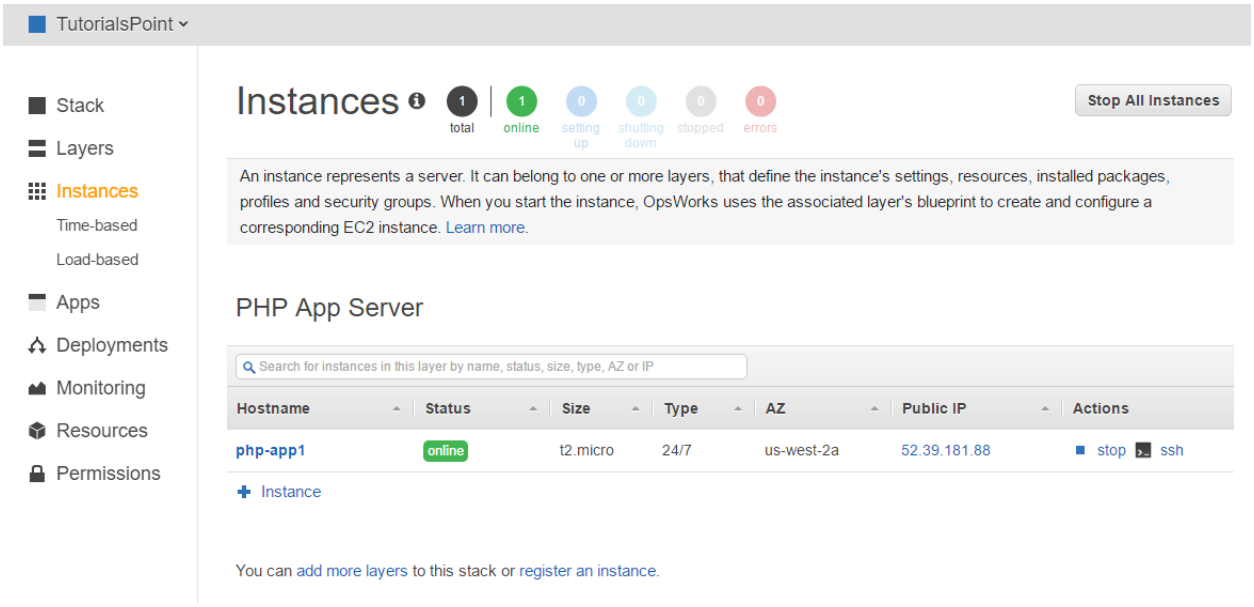
- Input size of instance and click on add instance



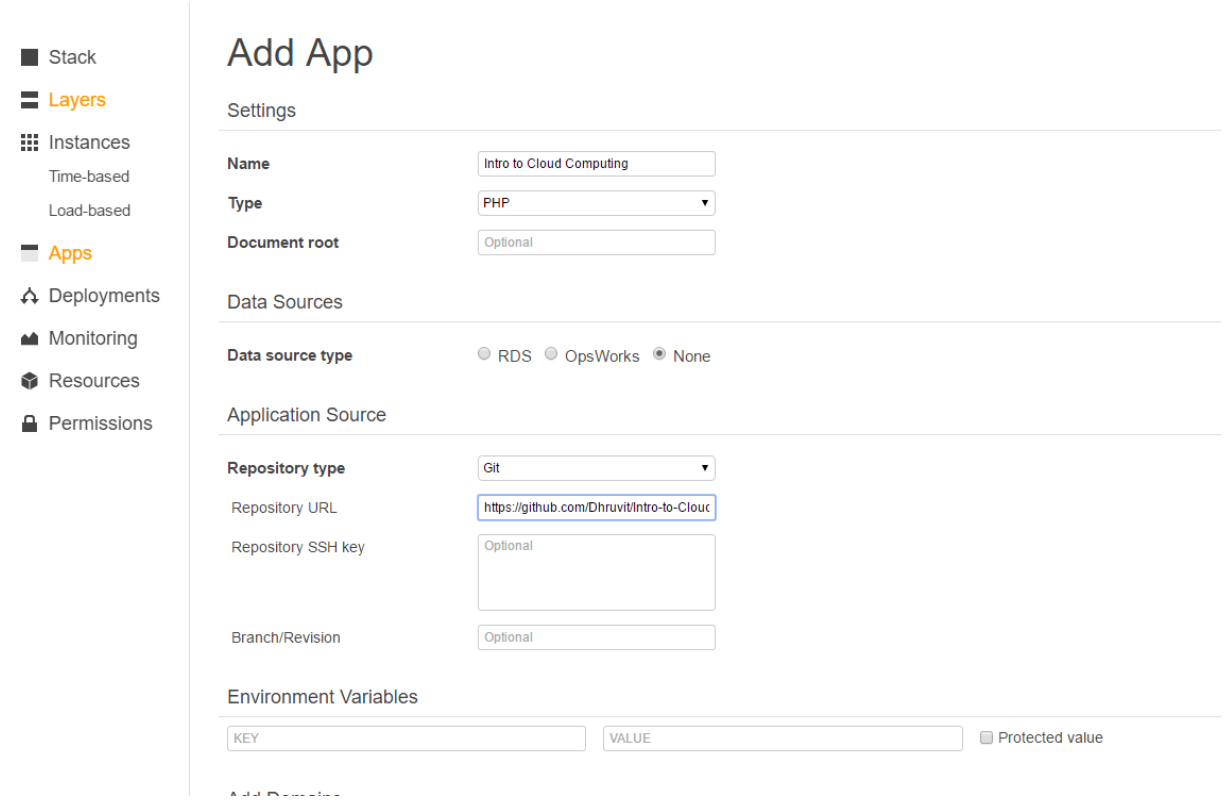
- Now an instance will be created and status will be change to online after sometimes.



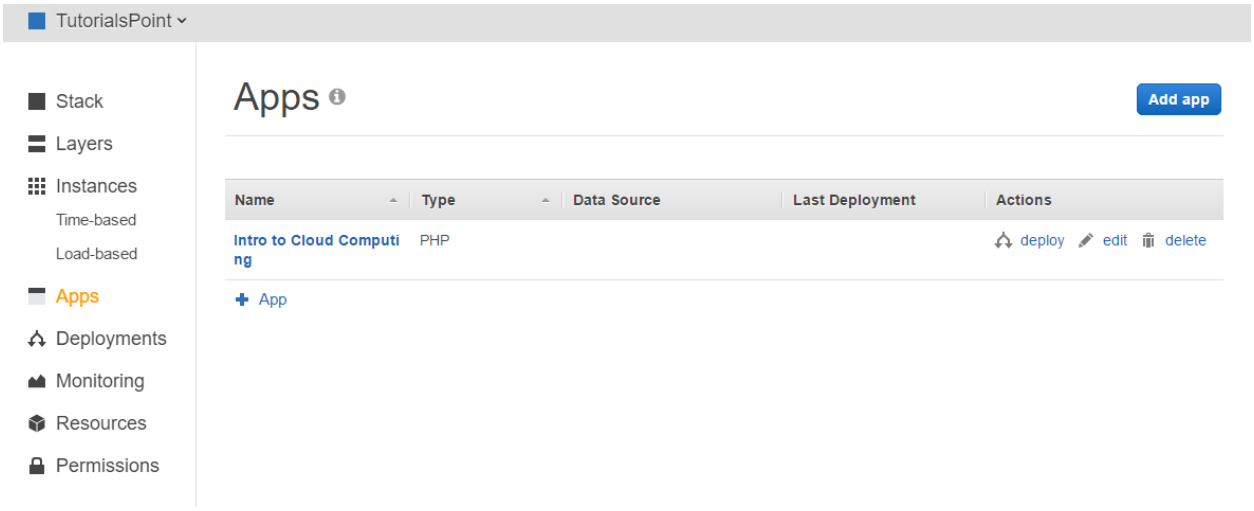


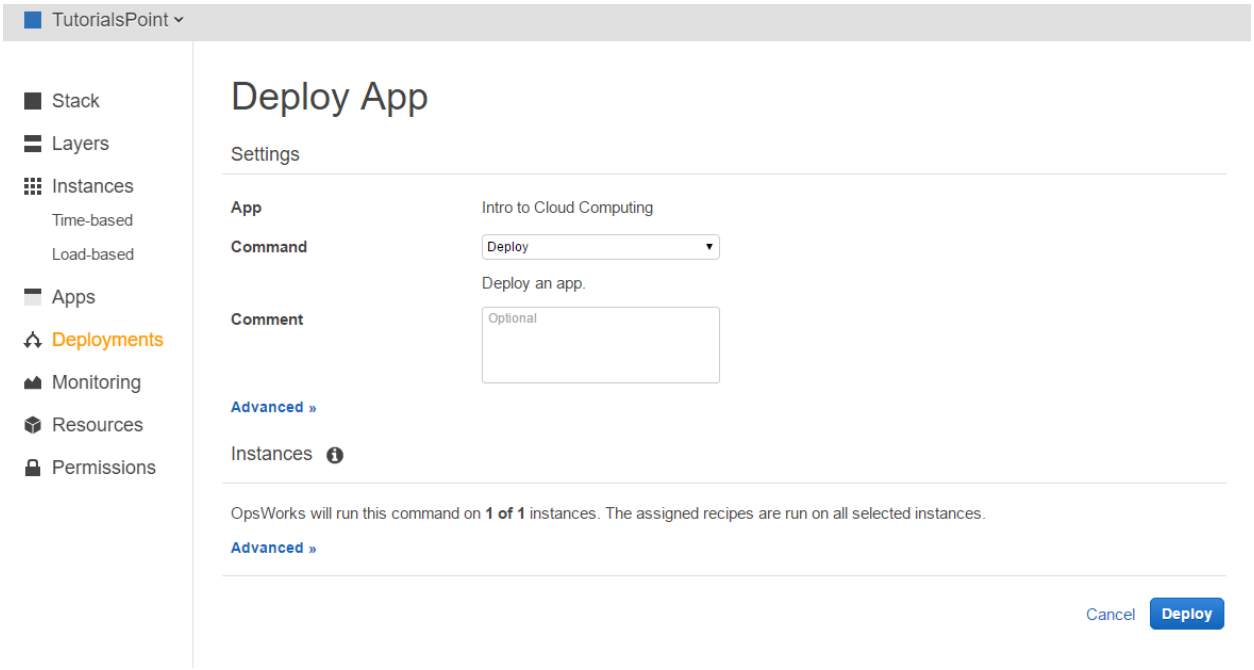


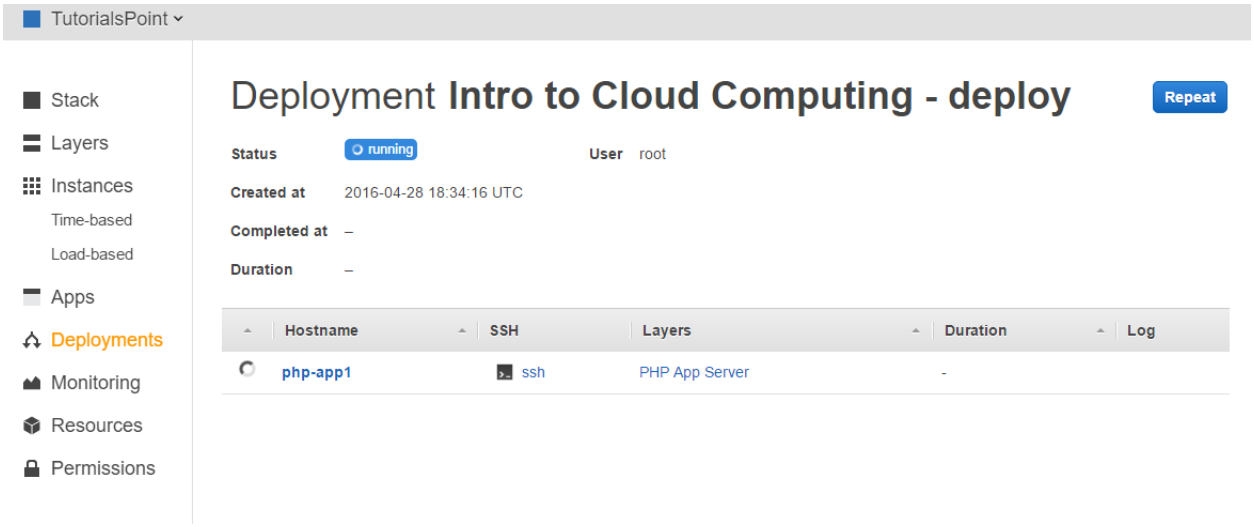
- Now will add app which will be on php server and will connect the “Intro to Cloud Computing” github website. Input URL which you want to connect to Instance. Here I have chosen Repository type as “Git” and paste Git URL from my git repository.



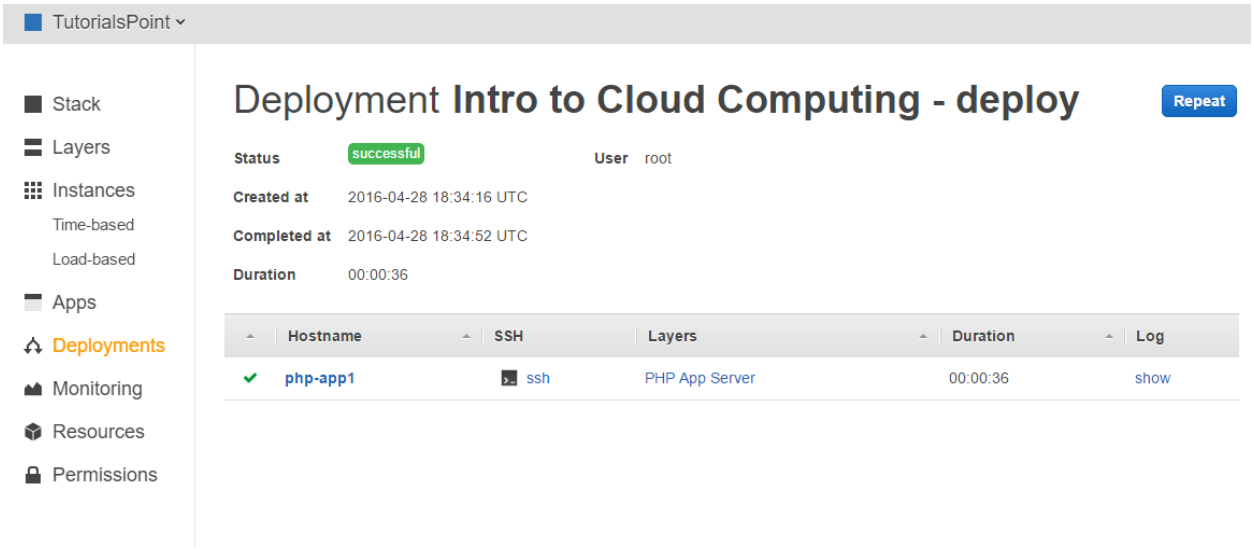
- Click on deploy



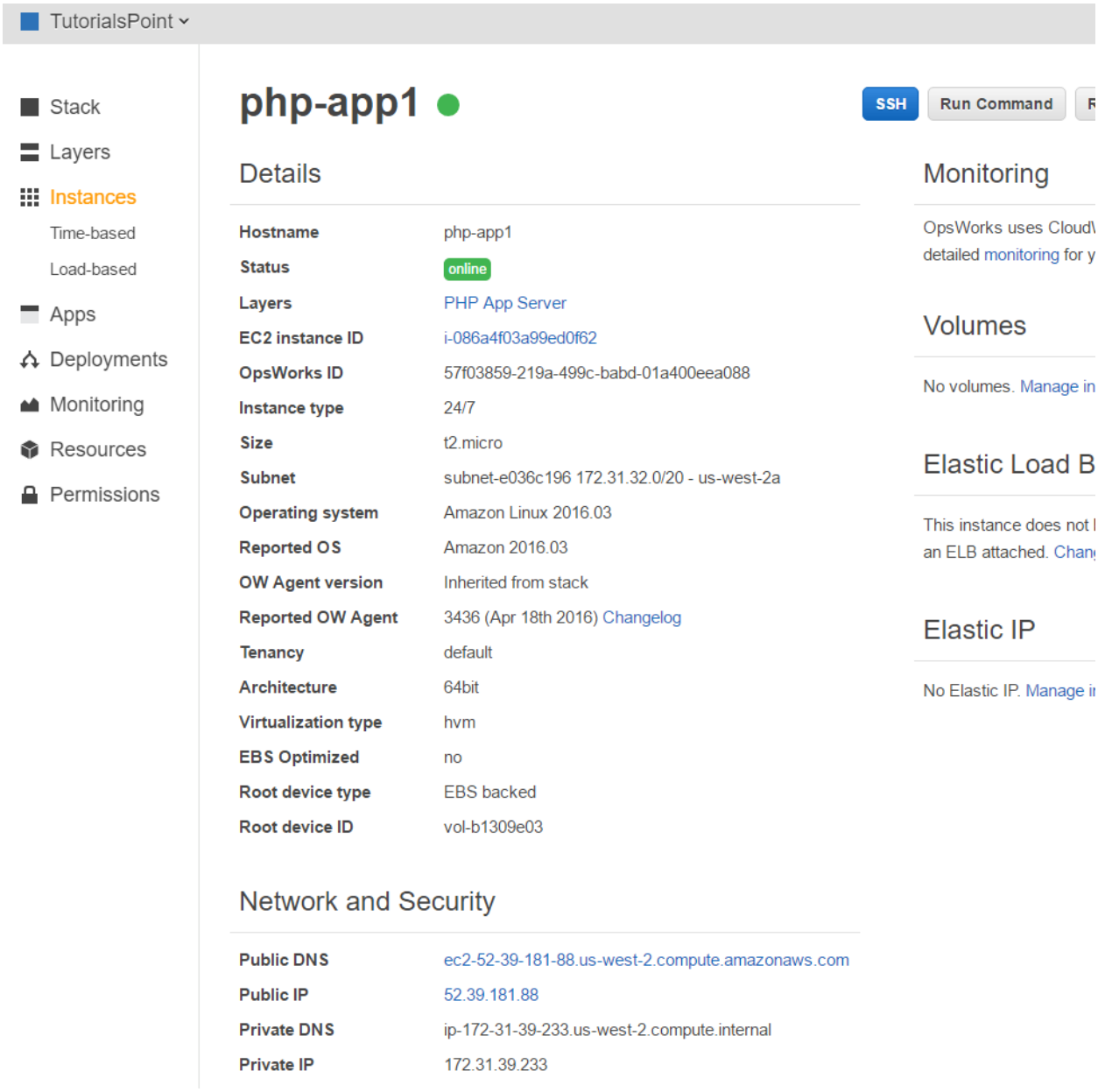




- Now open automatically created instances and tap on “php-app 1” which will guide you specifically to our custom website.



- Click on public DNS to open our website.



- After clicking on Public DNS , “Intro to Cloud Computing” website will get open as we have mapped it to the instance created.