BRING UP AN AWS INSTANCE USING ANSIBLE

I have account created in AWS .

Moving forward with installing Ansible in our local VM.

**To install Ansible in CentOS**

$ sudo rpm –ivh <http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm>       //to setup EPEL repository

$ yum install ansible -y

**To install Ansible in Ubuntu**

$ sudo apt-get update

$ sudo apt-get install  software-properties-common

$ sudo apt-add-repository ppa:ansible/ansible

$ sudo apt-get update

$ sudo apt-get install ansible

Now open a terminal and create a file with the extension .yml or .yaml, add below script and save it

# Basic provisioning example

- name: Ansible test

hosts: localhost

tasks:

- name: launching AWS instance using Ansible

ec2:

key\_name: aws\_instance\_Ansible

instance\_type: t2.micro

image: ami-0dacb0c129b49f529

region: us-east-2

wait: yes

group: Ansible

count: 1

vpc\_subnet\_id: default

assign\_public\_ip: yes

aws\_access\_key: \*\*\*\*\*\*\*\*\*\*\*xxxxxxxx

Aws\_secret\_key: \*\*\*\*\*\*\*\*\*\*\*xxxxxxxx

**Hosts:** add [webserver] localhost in /etc/Ansible/hosts file as my internet is running on the local server. If the file does not exist create one at the same location then add.

**Key\_name:** Go to EC2 dashboard -> Key pairs -> Create key pair -> Copy key pair name

**Instance\_type:** You can select the instance type whichever you want to launch. Go to EC2 dashboard -> Launch instance -> Check instance type.

**Image:** Go to EC2 dashboard -> Launch instance -> ami id (Image id)

**Vpc\_subnet\_id:** I made it default as I don’t any VPC configuration.

Add your **aws\_access\_key** and **aws\_secret\_key** which you got from IAM user creation.

Now our Ansible file is ready.

Run below command to check whether Ansible is ready to launch EC2 or not.

Ansible-playbook -C filename.yml

Where -C will check if everything is ready or not.

Once everything looks good, run below command and within a minute your EC2 server will be launched.

Ansible-playbook filename.yml

Now if you go to Amazon console you will see the server is launched successfully.

So, we are done with creating a basic EC2 server using Ansible.