Draup Assignment

Position - DevOps Engineer Name - Ankit Kumar

Required Variables

region: ap-south-1 instance type: t2.micro

ami: ami-02d55cb47e83a99a0

app code user: "ubuntu" # remote user

env: draup counter: 0

pem_key: mumbai-ak # key.pem

subnet: subnet-5693f11a

Command to run

ansible-playbook site.yml --private-key PEM FILE

Output SS

```
ankitamakit-/draup/elbá ansible-playbook site yml -private-key /home/ankit/Desktop/Rey-mos/mumbai-ak.pem
[MANNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not match 'all'

PLAY [A simple Load Balanced AWS server]

TASK [Create security group]

ok: [localhost]

TASK (create an EC2 instance]

ok: [localhost]

TASK (wait for the servers to appear on the network]

ok: [localhost] = (iteme('id': 'i-oBbef05620bcbdf', 'ami_launch_index': 'l', 'private_ip': '172.31.8.44', 'private_dns_name': 'ip-172-31-8.4

4.ap-south-l.compute_internal', 'public_ip': '13.232.80.11], 'dns_name': 'ec2-13-232-80-11.ap-south-l.compute_amazonaws.com', public_dns_name': 'ec2-13-232-80-11.ap-south-l.compute_amazonaws.com', public_dns_name': 'ec2-13-232-80-11.ap-south-l.compute_amazonaws.com', 'key name': 'mumbai-ak', 'placement': 'ap-south-lb', 'region': 'ap-south-l', 'kernel': None, 'randisk': None, 'launch_time: '2020-07-09706:09-50-0802

', 'instance type': '12.micro', 'root device_type': 'ebs', 'root device_name': '/dev/sdal', 'state': 'running', 'hypervisor': xen', 'dags': ('env': demo'), 'groups': ('g-0)1732-08063060606020': 'demo security group'), 'virtualization type: 'hvm', 'ebs_optimized': False, 'block_device name': '/dev/sdal': 'status': 'attached', 'volume_id': 'vol-0706808clabeballods', 'delete_on_termination': True}}, 'ternancy': 'default')

ok: [localhost] = (item=('id': 'i-0690760850212e8), 'ami_launch_index': '0', 'private_ip: '172.31,107', 'private_dns_name': 'in-172.31,107', 'private_dns_name': 'in-172.31,108', 'private_dns_name': 'in-172.31,108', 'private_dns_name': 'in-172.31,108', 'private_dns_name': 'in-172.31,108', 'private_dns_name'
```

```
ok: [13.233.255.231]
ok: [13.232.80.11]
[13.232.80.11] => {
"msg": "1"
 k: [13.233.255.231] => {
ok: [13.232.80.11]
ok: [13.233.255.231]
[13.232.80.11]
[13.233.255.231]
hanged: [13.232.80.11]
hanged: [13.233.255.231]
efault'})

ok: [localhost -> localhost] => (item={'id': 'i-0e9e76b94552012e8', 'ami launch index': '0', 'private ip': '172.31.7.107', 'private dns name':

rip-172-31-7-107.ap-south-1.compute.internal', 'public ip': '13.233.255.231', 'dns name': 'ec2-13-233-255-231.ap-south-1.compute.amazonaws.com', 'public dns name': 'ec2-13-233-255-231.ap-south-1.compute.amazonaws.com', 'state_code': 16, 'architecture': 'x86_64', 'image_id': 'ami-02d55c
047e83a99a0', 'key name': 'mumbai-ak', 'placement': 'ap-south-1b', 'region': 'ap-south-1', 'kernel': None, 'ramdisk': None, 'launch_time': '262
0-07-09T06:09:50.000Z', 'instance type': 't2.micro', 'root device type': 'ebs', 'root device name': '/dev/sda1', 'state': 'running', 'hyperviso

r': 'xen', 'tags': {'env': 'demo'}, 'groups': {'sg-01f33e8066a06d02': 'demo security_group'}, 'virtualization_type': 'hym', 'ebs_optimized': F

alse, 'block device mapping': {'/dev/sda1': {'status': 'attached', 'volume_id': 'vol-0ca2152f83da16ae6', 'delete_on_termination': True}}, 'tena
 ok: [localhost] => {
         "msg": "New ELB Endpoint : aws-elb-demo-1726014452.ap-south-1.elb.amazonaws.com"
 changed: [localhost -> localhost] => (item={'id': 'i-05b8ef05620bcbbdf', 'ami launch_index': 'l', 'private_ip': '172.31.8

.44', 'private_dns_name': 'ip-172-31-8-44.ap-south-1.compute.internal', 'public_ip': '13.232.80.11', 'dns_name': 'ec2-13-
232-80-11.ap-south-1.compute.amazonaws.com', 'public_dns_name': 'ec2-13-232-80-11.ap-south-1.compute.amazonaws.com', 'sta

te_code': 16, 'architecture': 'x86_64', 'image_id': 'ami-02d55cb47e83a99a0', 'key_name': 'mumbai-ak', 'placement': 'ap-so

uth-lb', 'region': 'ap-south-1', 'kernel': None, 'ramdisk': None, 'launch_time': '2020-07-09T06:09:50.0002', 'instance_ty

pe': 't2.micro', 'root_device_type': 'ebs', 'root_device_name': '/dev/sda1', 'state': 'running', 'hypervisor': 'xen', 'ta

gs': {'env': 'demo'}, 'groups': {'sg-01f33e8066a06dd02': 'demo_security_group'}, 'virtualization_type': 'hvm', 'ebs_optim

ized': False, 'block_device_mapping': {'/dev/sda1': {'status': 'attached', 'volume_id': 'vol-07608c8leeba419d3', 'delete_

on_termination': True}}, 'tenancy': 'default'})

changed: [localhost -> localhost] => (item={'id': 'i-0e9e76b94552012e8', 'ami_launch_index': '0', 'private_ip': '172.31.7

.107', 'private_dns_name': 'ip-172-31-7-107.ap-south-1.compute.internal', 'public_ip': '13.233.255.231', 'dns_name': 'ec2

-13-233-255-231.ap-south-1.compute.amazonaws.com

m', 'state_code': 16, 'architecture': 'x86_64', 'image_id': 'ami-02d55cb47e83a99a0', 'key_name': 'mumbai-ak', 'placement'

: 'ap-south-1b', 'region': 'ap-south-1', 'kernel': None, 'ramdisk': None, 'launch_time': '2020-07-09T06:09:50.0002', 'ins

tance_type': 't2.micro', 'root_device_type': 'ebs', 'root_device_name': '/dev/sda1', 'state': 'running', 'hypervisor': 'x

en', 'tags': {'env': 'demo'}, 'groups': {'sg-01f33e8066a06dd02': 'demo_security_group'}, 'virtualization_type': 'hvm', 'e

bs_optimized': False, 'block_device_mapping': {'/dev/sda1': {'status': 'attached', 'volume_id': 'vol-0ca2152f83da16ae6',
 'delete_on_termination': True}}, 'tenancy': 'default'})
 13.232.80.11
                                                                 changed=1
                                                                                       unreachable=0
                                                                                                                     failed=0
                                                : ok=6
                                                                                                                                          skipped=0
                                                                                                                                                                 rescued=0
                                                                                                                                                                                       ianored=0
                                                                 changed=1
changed=2
 13.233.255.231
                                                : ok=6
                                                                                       unreachable=0
                                                                                                                     failed=0
                                                                                                                                          skipped=0
                                                                                                                                                                 rescued=0
                                                                                                                                                                                       ianored=0
                                                                                                                     failed=0
                                                                                                                                                                 rescued=0
                                                                                                                                                                                       ignored=0
  localhost
                                                : ok=7
                                                                                       unreachable=0
                                                                                                                                          skipped=0
```



Hello from EC2 Instance1 server IP: 13.232.80.11



Hello from EC2 Instance2 server IP: 13.233.255.231