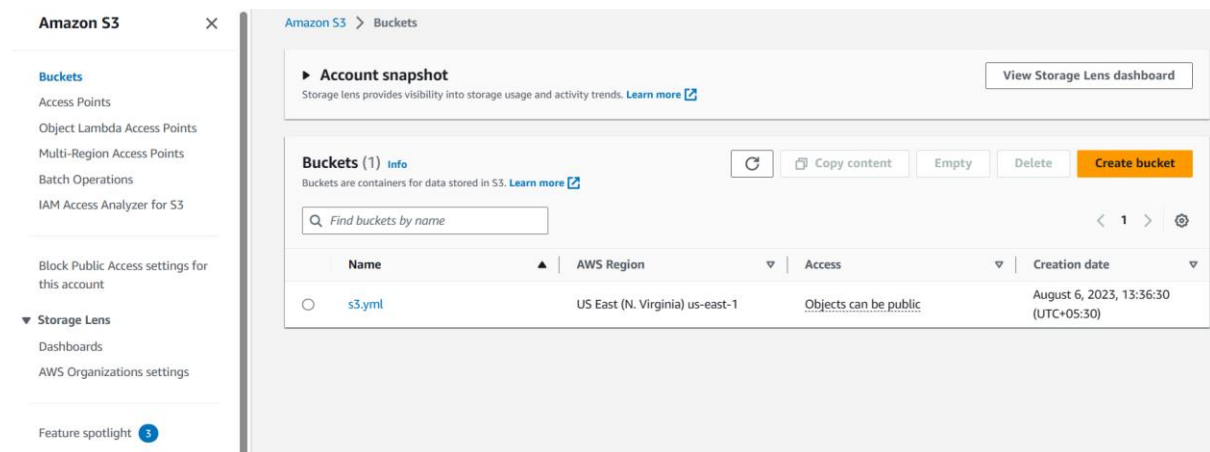


Tasks To Be Performed:

1. Create a template which can create an S3 bucket named

“Intellipaat-<yourname >”

2. The template should be able to enable versioning for the bucket created



In this yml add the name intellipaat and mukesh

AWSTemplateFormatVersion: '2012-10-18'

Resources:

MyS3Bucket:

Type: AWS::S3::Bucket

Properties:

BucketName: Intellipaat-mukesh

VersioningConfiguration:

Status: Enabled

Create a stack button

After ward using the upload a templete files with yaml files you create

Create a stack button

After s3 bucket enable

You ready to see output of name of yours

ASSIGNMENT-2

Tasks To Be Performed:

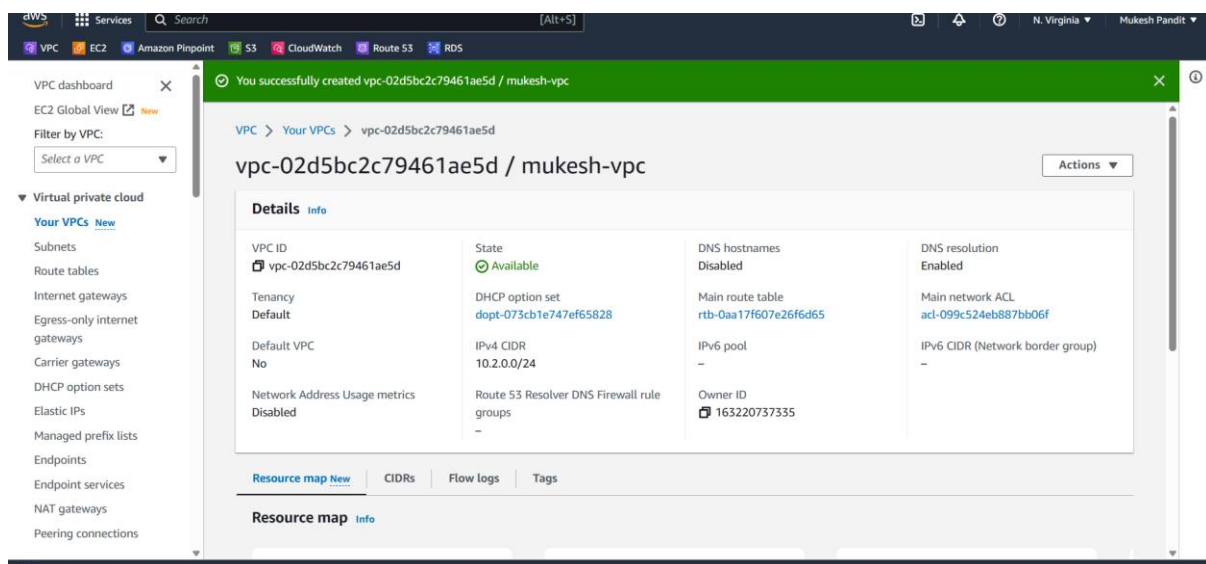
1. Create a template with 1 VPC and 1 public subnet.
2. Launch an Amazon Linux EC2 instance in the public subnet and tag the instance as “CFInstance”

Answer:-

Create a vpc then subnet

next

create a subnet and connect with EC2 instance



Create a subnet

The screenshot shows the 'Create subnet' page in the AWS Management Console. At the top, there's a navigation bar with icons for VPC, EC2, Amazon Pinpoint, S3, CloudWatch, Route 53, and RDS. The main content area is divided into two sections. The first section, titled 'VPC', contains a 'VPC ID' field with a dropdown menu showing 'vpc-02d5bc2c79461ae5d (mukesh-vpc)'. Below this is the 'Associated VPC CIDRs' section, which lists 'IPv4 CIDRs' as '10.2.0.0/24'. The second section, titled 'Subnet settings', contains a 'Subnet name' field with the value 'public-subnet' and an 'Availability Zone' dropdown menu showing 'US East (N. Virginia) / us-east-1c'. There are also links for 'Info' next to the Availability Zone and 'IPv4 CIDR block'.

VPC

VPC ID
Create subnets in this VPC.

vpc-02d5bc2c79461ae5d (mukesh-vpc)

Associated VPC CIDRs

IPv4 CIDRs
10.2.0.0/24

Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Subnet name
Create a tag with a key of 'Name' and a value that you specify.

public-subnet

The name can be up to 256 characters long.

Availability Zone [Info](#)
Choose the zone in which your subnet will reside, or let Amazon choose one for you.

US East (N. Virginia) / us-east-1c

IPv4 CIDR block [Info](#)

Now you can see subnet is ready

The screenshot shows the 'Subnets' page in the AWS Management Console. A green banner at the top states 'You have successfully created 1 subnet: subnet-06abc13437d8fbe34'. The page has a left-hand navigation menu with options like 'VPC dashboard', 'EC2 Global View', 'Filter by VPC', and a list of VPC resources including 'Subnets'. The main content area shows a table of subnets. The table has columns for Name, Subnet ID, State, VPC, and IPv4 CIDR. One subnet is listed: 'public-subnet' with Subnet ID 'subnet-06abc13437d8fbe34', State 'Available', VPC 'vpc-02d5bc2c79461ae5d | muk...', and IPv4 CIDR '10.2.0.0/24'. Below the table is a 'Select a subnet' section.

VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC

Virtual private cloud

Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections

You have successfully created 1 subnet: subnet-06abc13437d8fbe34

Subnets (1) [Info](#)

Find resources by attribute or tag

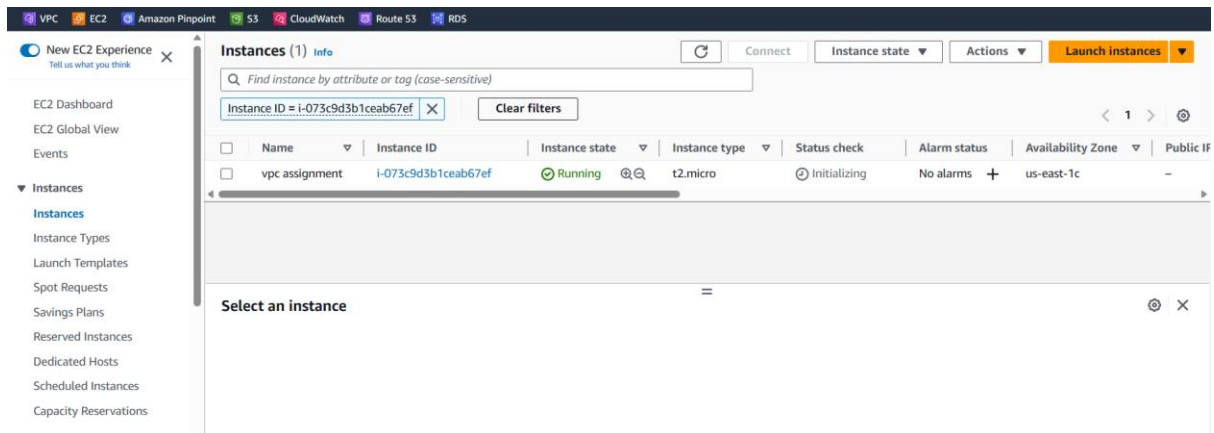
Subnet ID = subnet-06abc13437d8fbe34

Clear filters

	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	public-subnet	subnet-06abc13437d8fbe34	Available	vpc-02d5bc2c79461ae5d muk...	10.2.0.0/24

Select a subnet

Let create a EC2 instance for connecting to VPC and Subnet



We have lanch instance EC2 suscessfull

Let tag to "CFInstance"

AFTERWARD WE can see connecting successful

If any modification in yml then

AWSTemplateFormatVersion: '2010-09-09'

Resources:

MyVPC:

Type: AWS::EC2::VPC

Properties:

CidrBlock: 10.5.0.0/16

MyPublicSubnet:

Type: AWS::EC2::Subnet

Properties:

VpcId:

Ref: MyVPC

CidrBlock: 10.5.0.0/24

MyEC2Instance:

Type: AWS::EC2::Instance

Properties:

InstanceType: t2.micro

ImageId: ami-0c55b159cbfafa1f0 # Amazon Linux 2 AMI ID

SubnetId:

Ref: MyPublicSubnet

Tags:

- Key: Name

Value: CFInstance

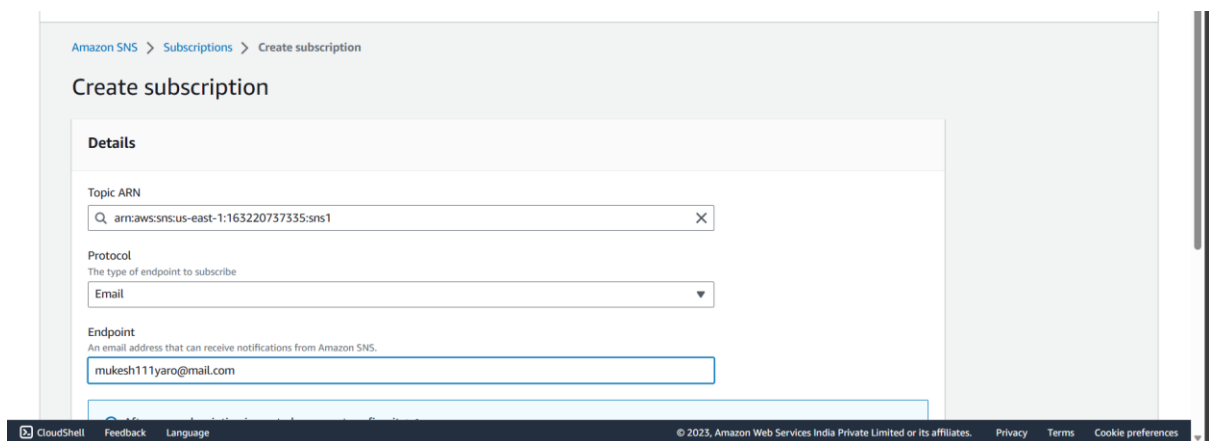
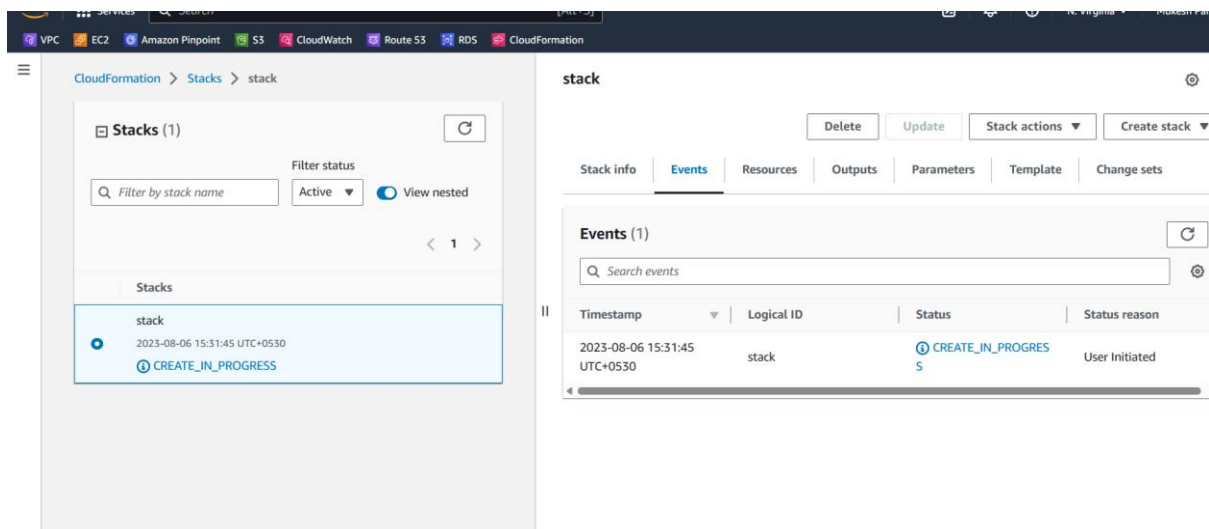
Then next

Successfully u create

Assignment 3

Tasks To Be Performed:

1. Use the template from CloudFormation task 1.
2. Add Notification to the CloudFormation stack using SNS so that you get a notification via mail for every step of the stack creation process.



Instances (1) Info

Find instance by attribute or tag (case-sensitive)

Instance ID = i-089a4fc5c876dc704 X Clear filters

<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone ▾	Public IP
<input type="checkbox"/>	sns	i-089a4fc5c876dc704	Running @Q	t2.micro	Initializing	No alarms +	us-east-1c	-

Select an instance

Let access the ec2 then run the instance to getting every 20 second you get mails that instance was running