Bo Lontum
Mini-project-Assign.
CloudFormation

Mini-project Assignment

MINI-PROJECT

Each student will describe a section of the network template (will be provided!).
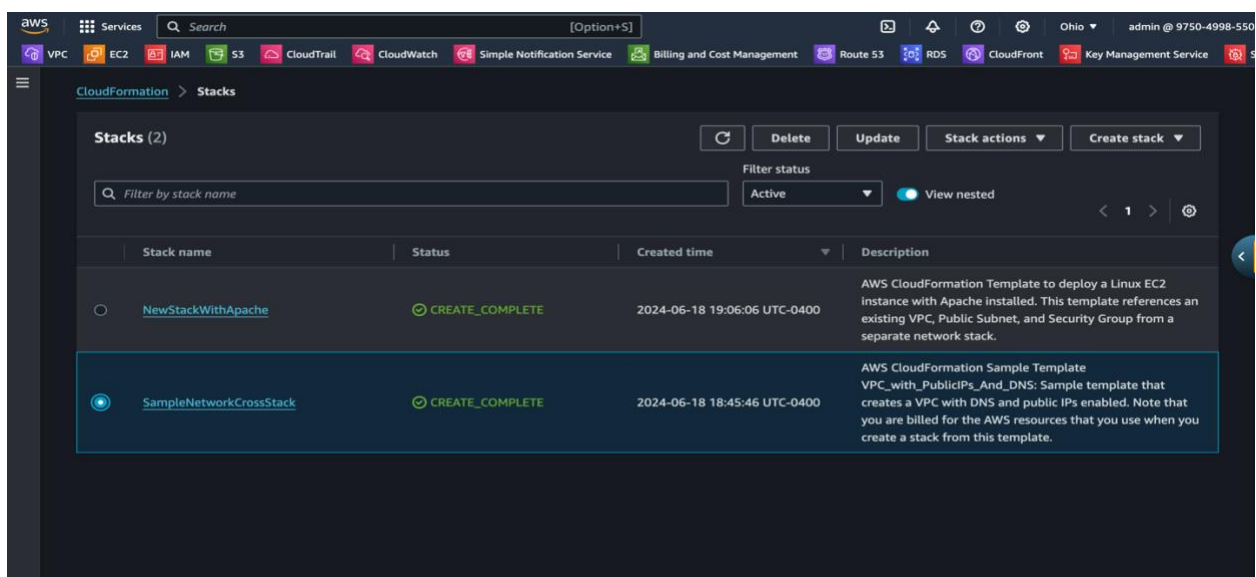
Step 1

- Deploy a sample network configuration stack with the network template provided.
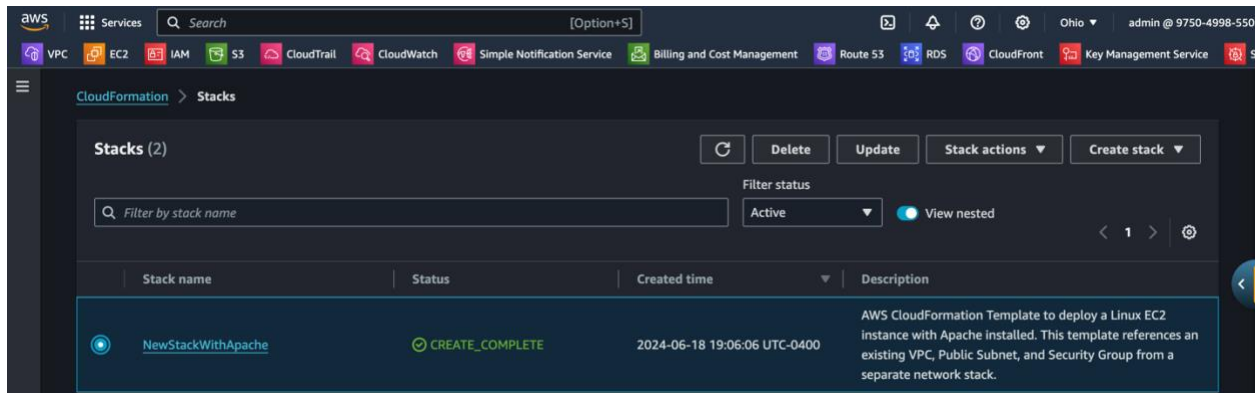- For stackname use: SampleNetworkCrossStack

Step 2

Deploy a new stack that will setup Apache on aLinux EC2 instance and reference the sample network stack previously created.

- Deploy template in us-west-2 region. Allocate an Elastic IP address using resources.
- Reference all available variables from SampleNetworkCrossStack
- Create a Mapping function to dynamically choosing regions.
- Create parameters for requesting user inputs as much as possible.
- Output the values of the private IPv4 address and DNS name of the EC2 instance.
- Log in into the ec2 server afterward and provide screenshots Apache message. Create a Git repo **apache-web-cfn** and upload templates.
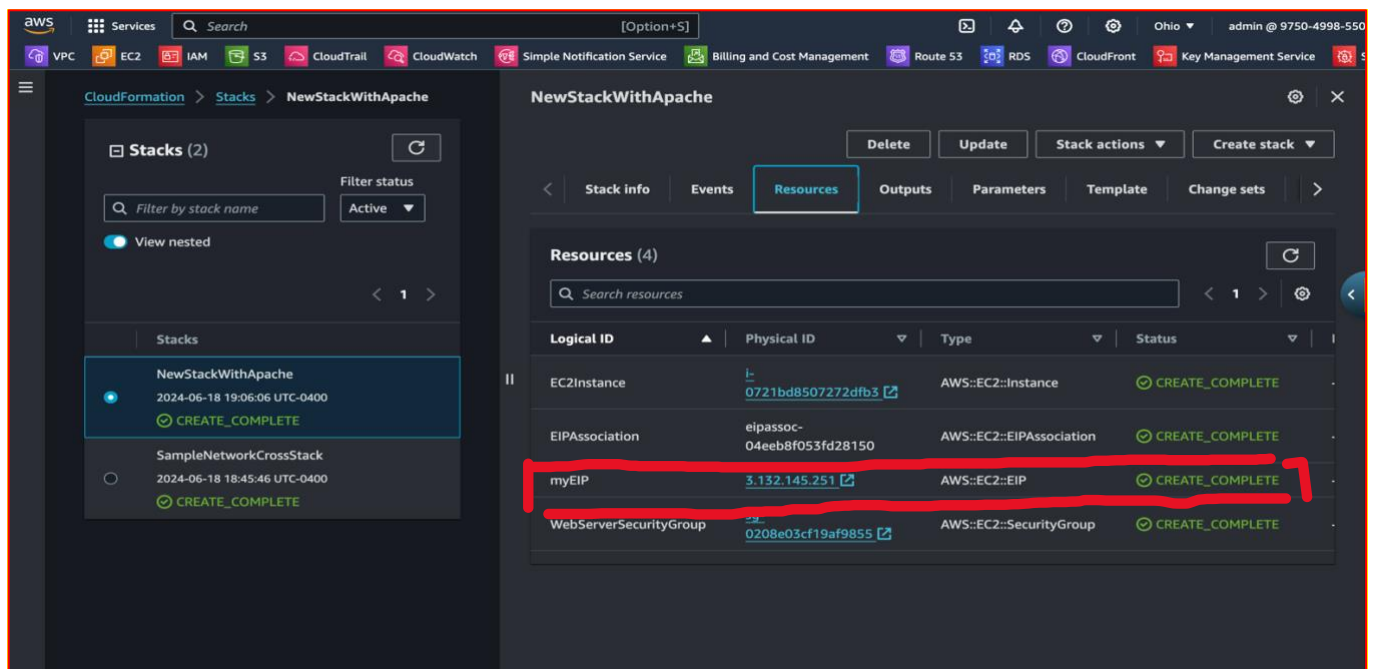
1) Highlighted is Step 1. Deployed sample Named SamplNetworkCrossStack

2) Deployment of the Apache Named NewstackWithApache using Linus

3) Deployment with Elastic-Ip included in US East

4) Used the Below Variables to Refrence in the NewApacheStack

5) Mapping fuction to Dynamically choose Region as well as AMI

6) Parameters for Requesting User Input As much as possible

7) Output of the Value of Private IPV4 address and DNS name of the EC2 instace

8) Apache Message

This Is a great mini-project on Cloudformation.We face difficulties, yet we survive them, thanks to cloudSpace Aca (Blue)