Auto Deployment using Cloudformation Template

Cloud formation template in yaml
1.Open the delta-vpc-cfn.yaml that is attached in this link
https://drive.google.com/file/d/1id5OjMv1Md1Ctxk2hNNdfMrfaQVk8w76/view?usp=sharing

2.Go through the file and understand the code

3.You need to couple of resources in the yaml file for creating security group and instance of Type: AWS::EC2::SecurityGroup & Type: AWS::EC2::Instance

4.You need to use Nginx ami image id for instance creation.

5.you need to allow port 80 as inbound and outbound, port 22 as inbound

6.Once you added these resources you can save the file

7.You can use this AWS link for your reference to add the resources
https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-properties-ec2-security-group.html

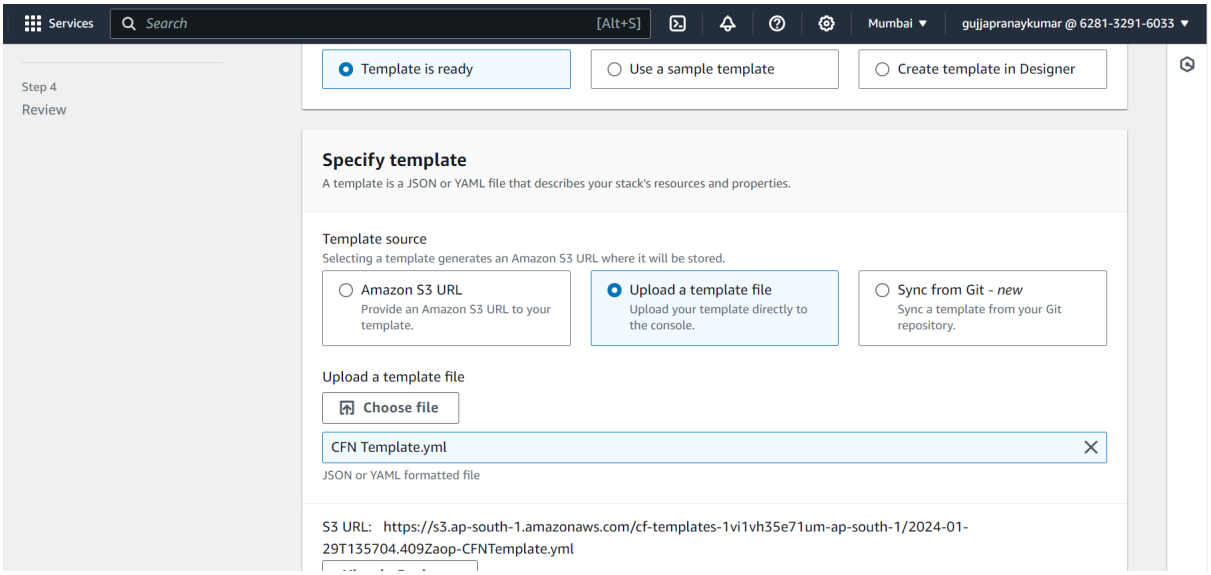
https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-properties-ec2-instance.html

8.Navigate to Launch templates(Ec2 feature)

9.Navigate to Cloud formation page

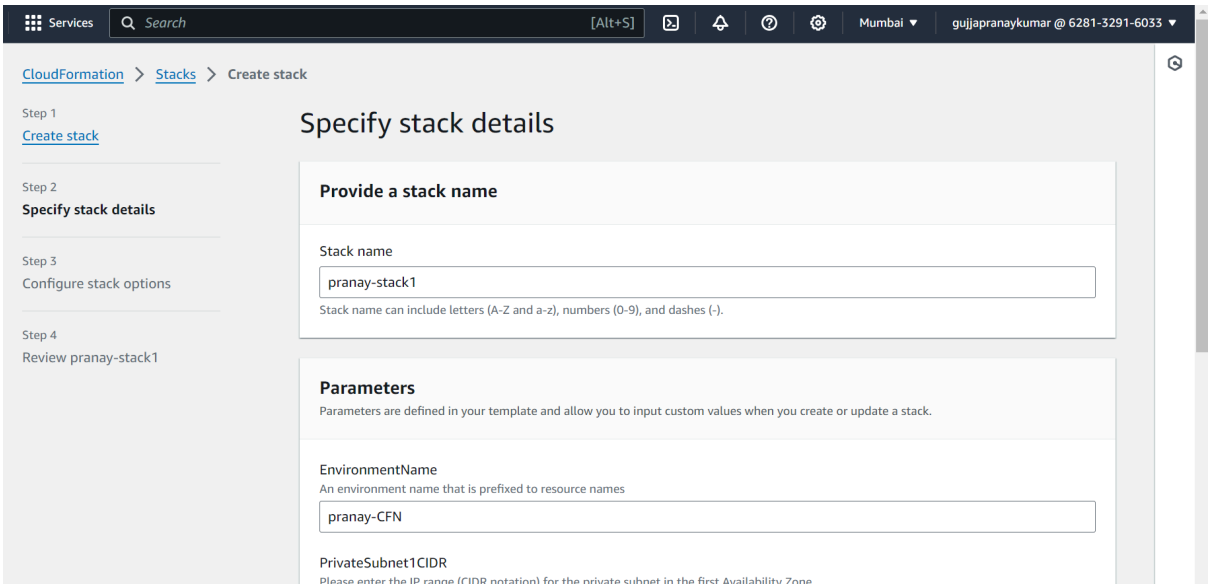
10.Click on create stack

11. In the Template source select upload a template file
A:



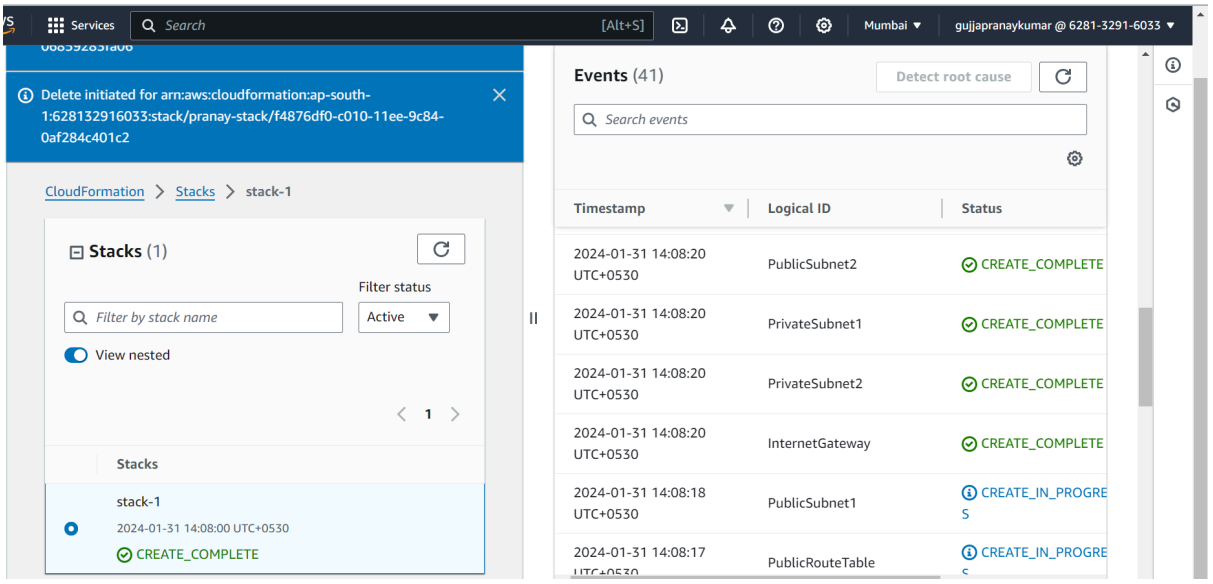
12. Choose the modified codebuild-vpc-cfn.yaml click on “Next”
13. Provide the stack name
14. In the Parameters you can change EnvironmentName to your desired name

A:



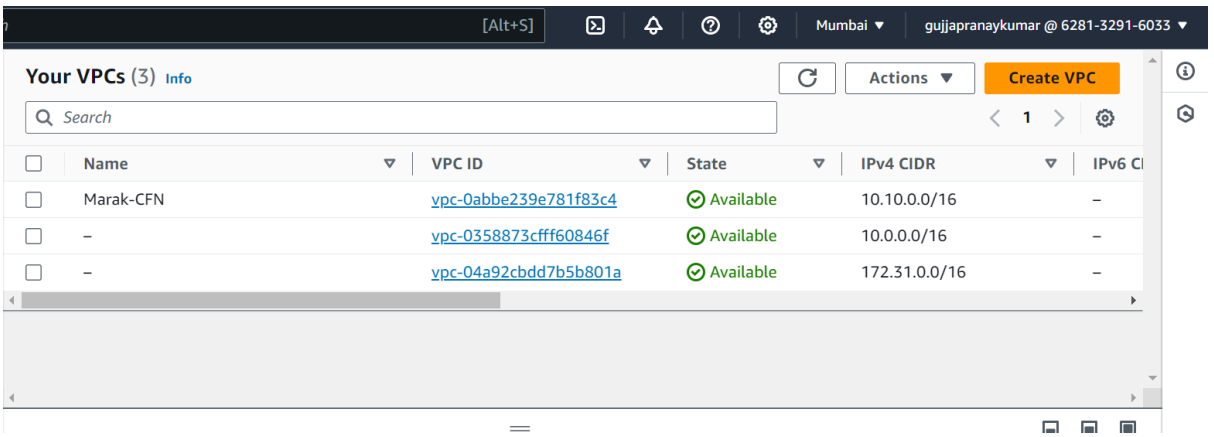
15. Click ‘Next’
16. You can add the tags, leave other options as default and click “Next”
17. Review your stack details once and you can click on create stack
18. You can see the status of the stack when it started creating
19. You can see the status create_complete if your yaml template does not have any error

A:

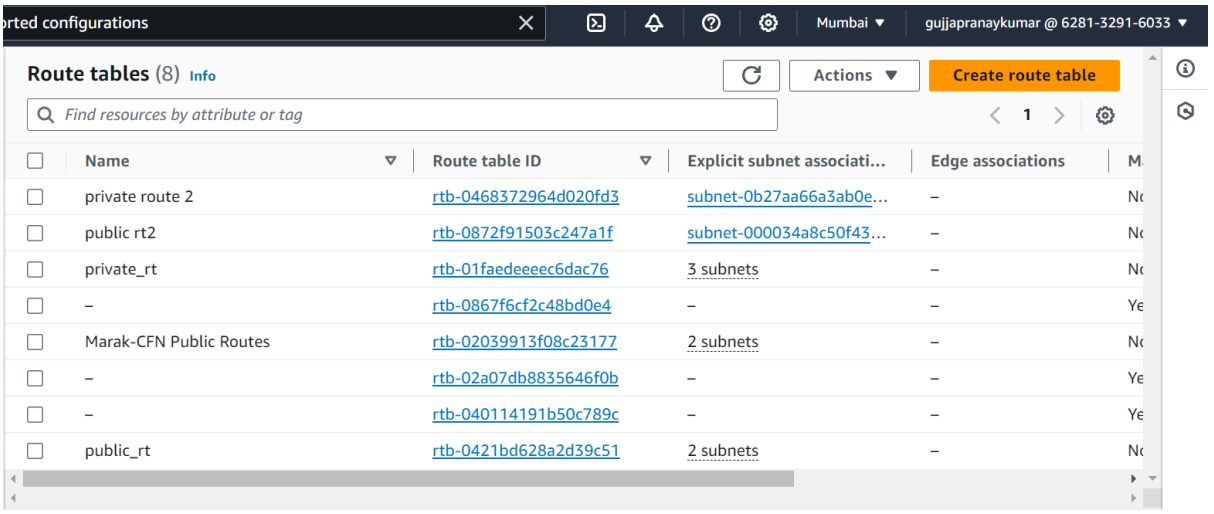


20. Once your stack is created you can go ahead and verify all the resources created and instance should be running successfully.

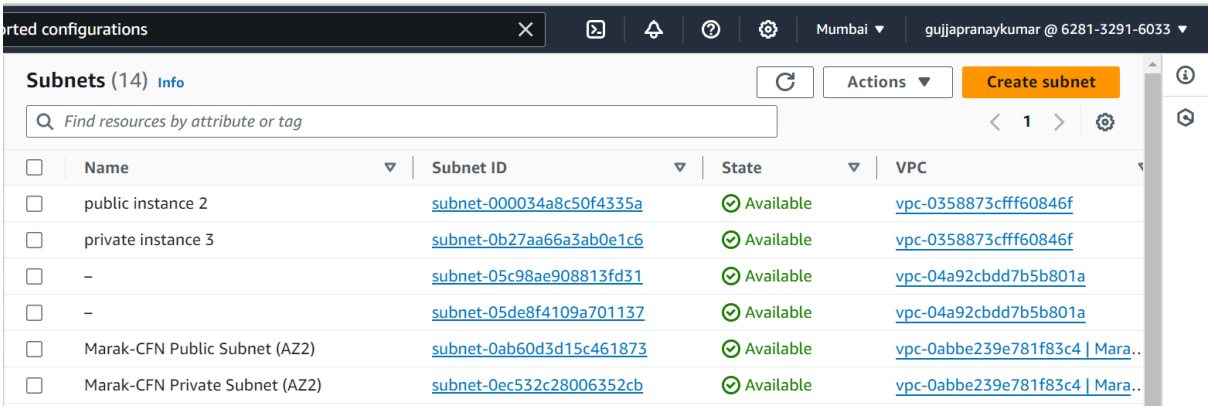
A: **vpc**



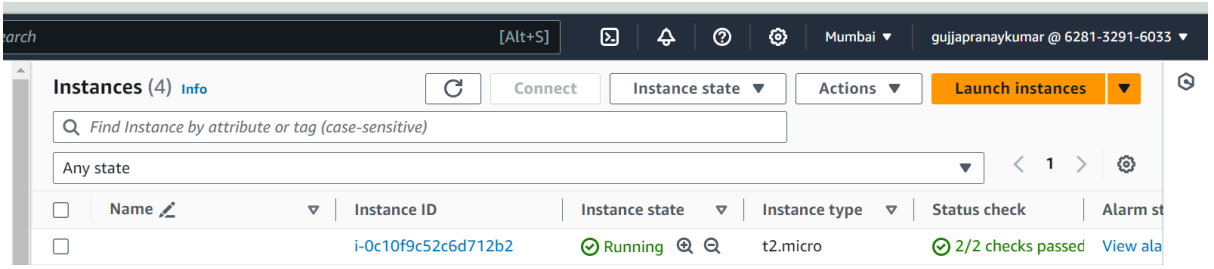
Route table



Subnet

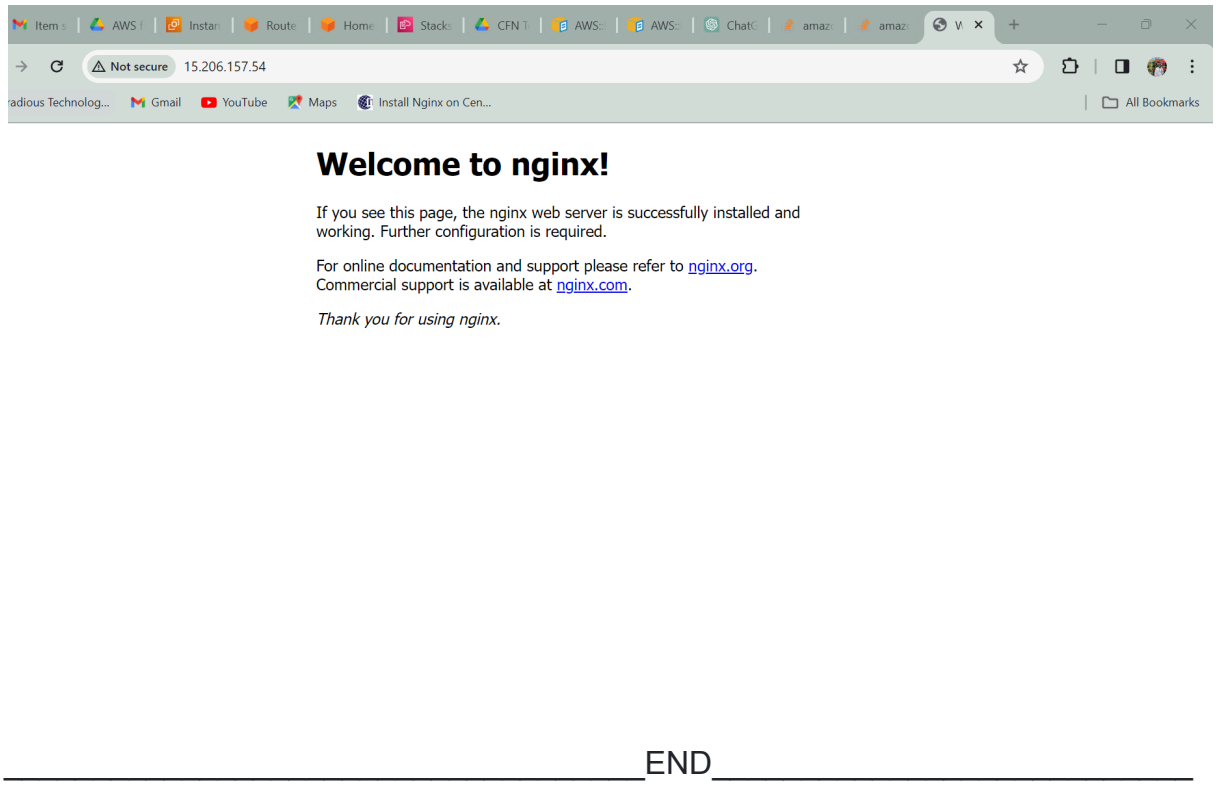


Instance



21. You should be able to access nginx server using the public ip

A:


Not secure
15.206.157.54
Gmail
YouTube
Maps
Install Nginx on Cen...
All Bookmarks
Welcome to nginx!
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.
Thank you for using nginx.

END