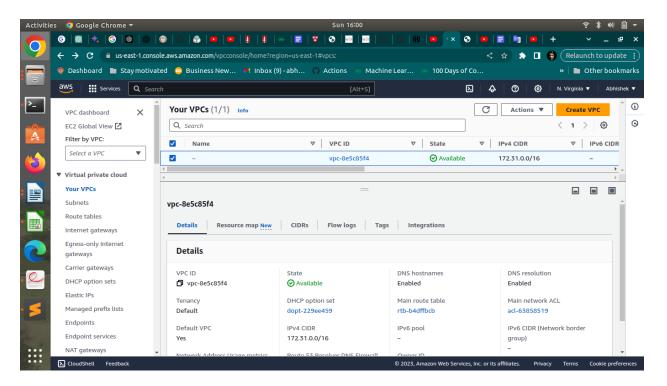
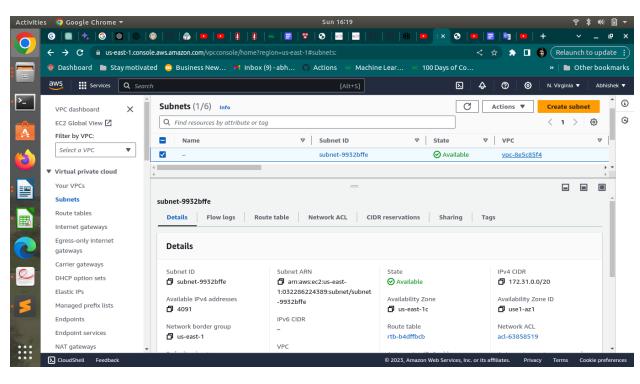
Learning Outcomes

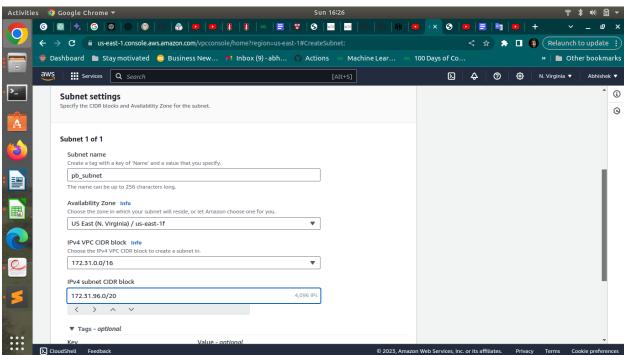
- Using the CloudFormation CLI
- Observe the JSON structure used in CloudFormation
- Observe the process of stack creation in CloudFormation

How to do it.

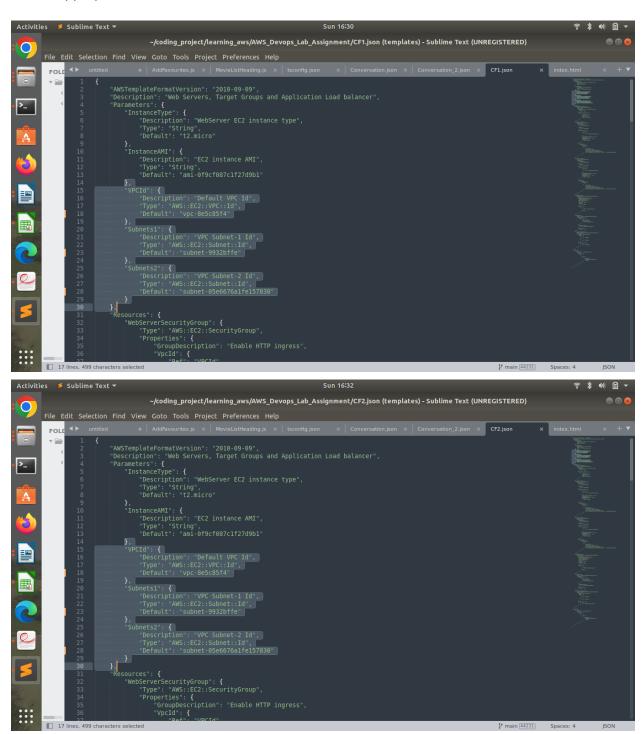
- Download the file CF1.json and CF2.json provided along with this DIY
- Open the AWS Console and navigate to the VPC section
- Note down the ID of the default VPC already created
- Navigate to the subnet section by clicking on "Subnets" on the left side.
- Note down the subnet ID of the default subnet already created for the default VPC
- Click on "Create Subnet" at the top of the screen
- Fill in the form as shown below and click on Create



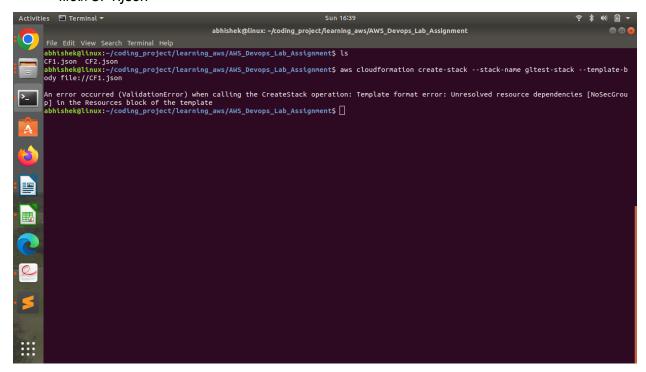




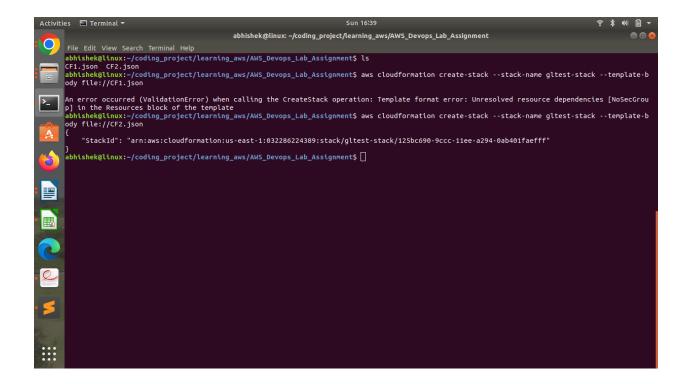
- Open the CF1.json file in your preferred text editor
- Change the values marked below in lines 18,23 and 28, with the values of the default VPC ID, default subnet ID and the ID of the created subnet respectively
- Repeat the above step for the file CF2.json as well i.e. open CF2.json and replace the appropriate values on lines 18,23, and 28.



- Save and close the file
- Open your terminal (assuming AWS CLI is already installed and configured)
- Navigate to the folder where the JSONs file are stored
- Enter the following command and press Enter aws cloudformation create-stack --stack-name gltest-stack --template-body file://CF1.json



Go back to the terminal and type the command aws cloudformation create-stack --stack-name gltest-stack --template-body file://CF2.json



- · Go back to the AWS console and navigate to CloudFormation
- Click on the stack and follow the steps of its creation. Wait for a few minutes for stack creation to finish.
 - When stack creation is completed, navigate to the Outputs tab.
- Click on the URL value to confirm that Apache was installed and hence the load balancer was created successfully using the CloudFormation Template.
- Navigate back to the CloudFormation console, select the stack and click on Delete to delete the stack.

