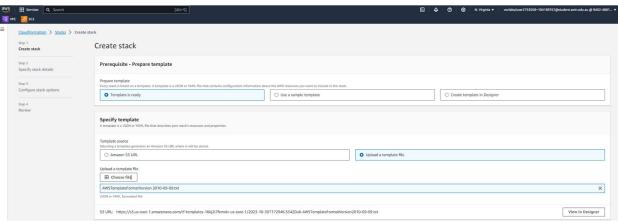
## Module 10 Guided Lab - Automating Infrastructure Deployment with AWS CloudFormation

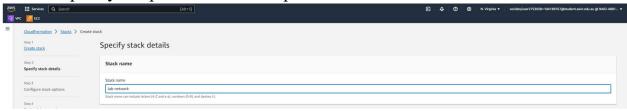
Name: Pham Do Tien Phong

Student Id: 104189767

## Task 1: Deploying a networking layer



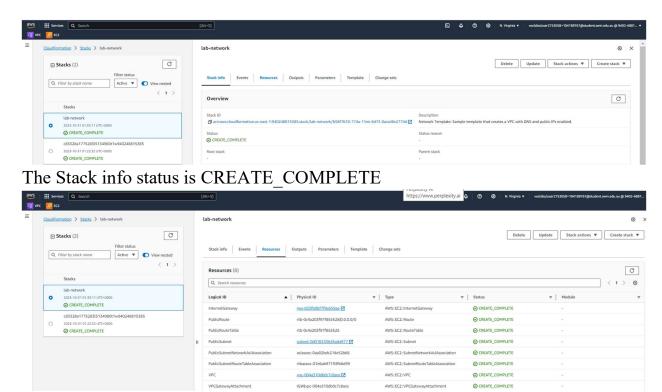
I create specify template with the template downloaded



Specify stack details with adding stack name(Lab-network)

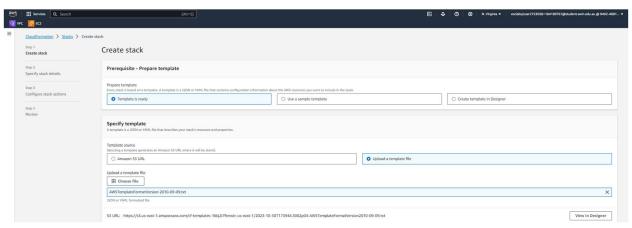


Configure stack options with tags (Key: application, Value: inventory)

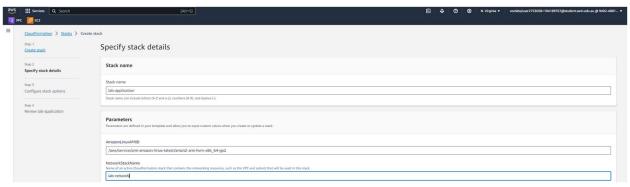


The resources are CREATE\_COMPLETE

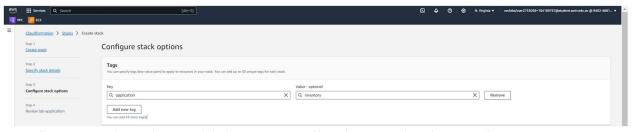
Task 2: Deploying an application layer



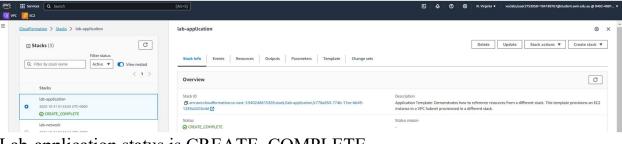
I create specify template with template file (Lab-application.yaml)



I create stack name as lab-application and NetworkStackName as lab-network



Configure stack options with key as "application" and value as "inventory"



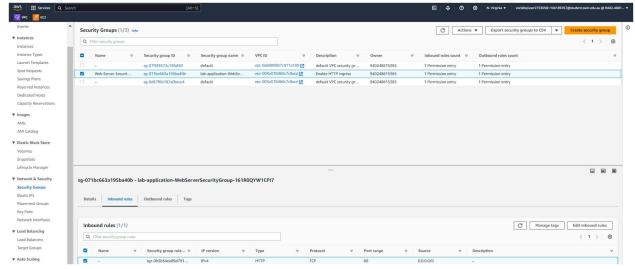
Lab-application status is CREATE COMPLETE



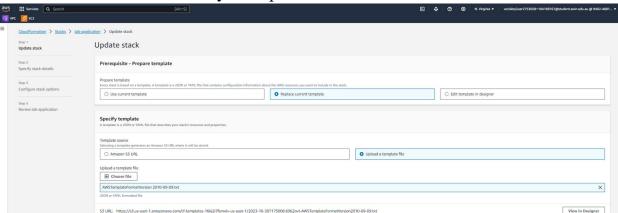
Congratulations, you have successfully launched the AWS CloudFormation sample.

The browser can run application

Task 3: Updating a Stack



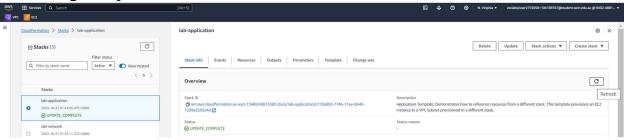
1 inbound rules in the Security Group



I replace template file from lab-application.yaml to lab-application2.yaml



The change set preview

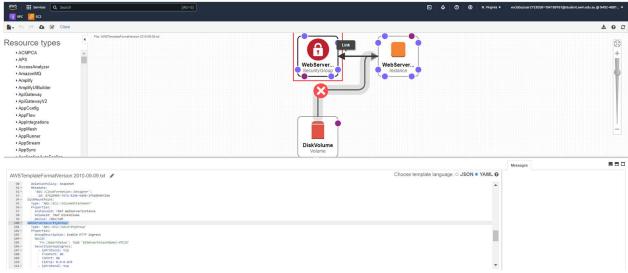


The update status is UPDATE COMPLETE



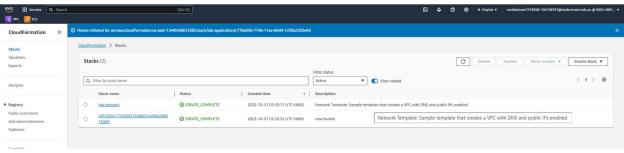
Inbound rules has additional rule that allow SSH traffic over TCP port 22

Task 4: Exploring templates with AWS CloudFormation Designer



The design template of lab-application2.yaml

Task 5: Deleting the stack



I already complete the lab-application



The snapshot