ACA Module 10 Lab Automating Infrastructure Deployment with AWS CloudFormation

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COS 20019- Cloud Computing Architecture

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So this all my step to finish ACA Module 9 Lab with explanation with all the screenshotted is included a requirement of the project

Task 1: Deploying a networking layer

Create stack consist 4 steps (including download the newwork file)

Step 1: Specify template

Template source: Upload a template file

Upload a template file: Click Choose file then select the lab-network.yaml file that you downloaded.

Step 2: Create Stack

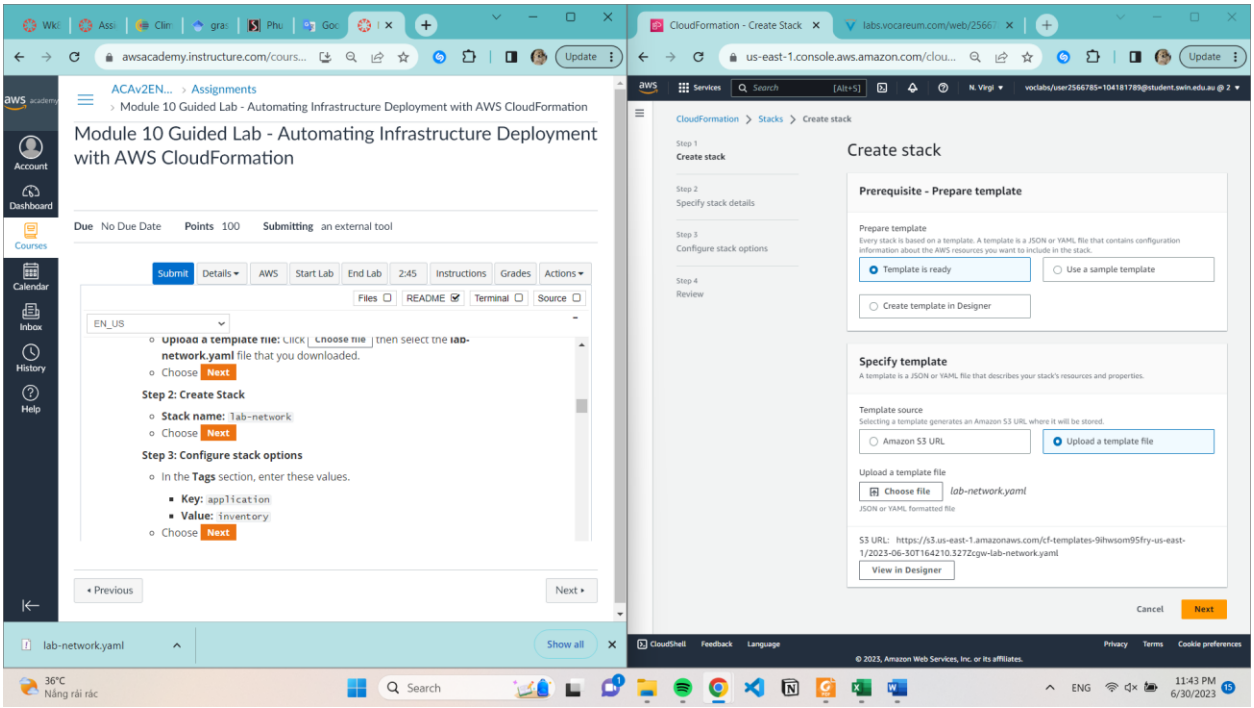
Stack name: lab-network

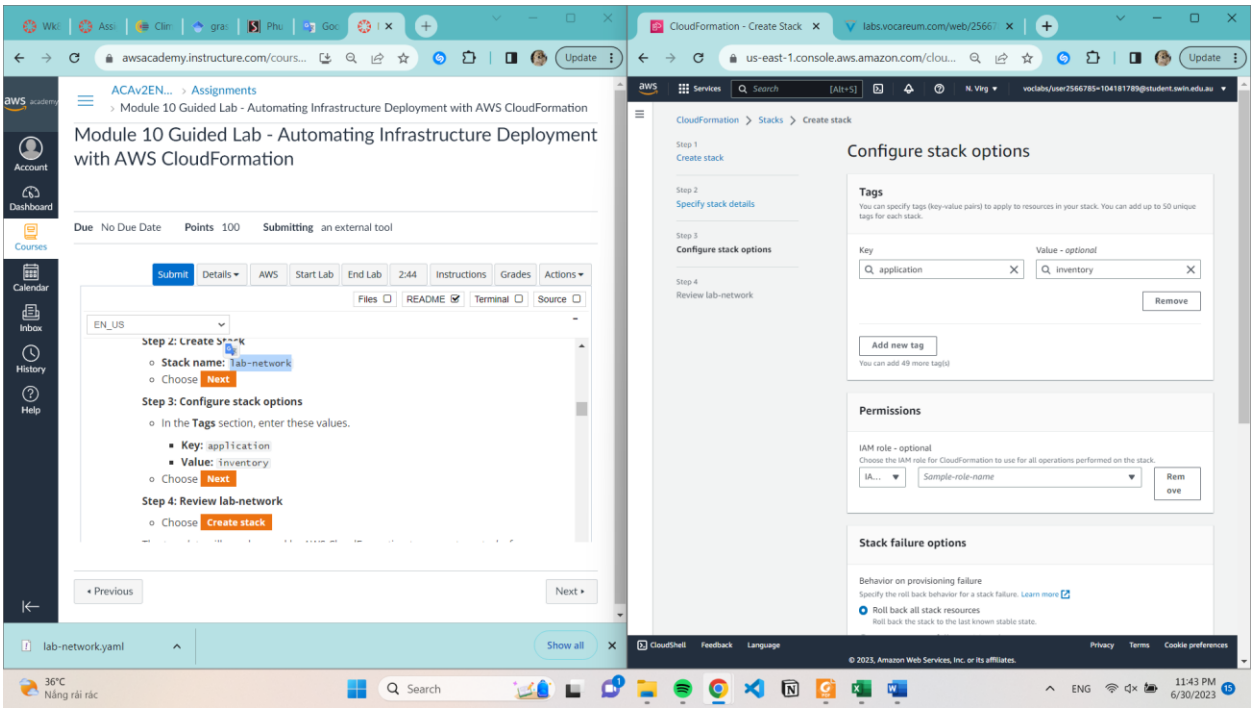
Step 3: Configure stack options

In the **Tags** section, enter these values.

Key: application

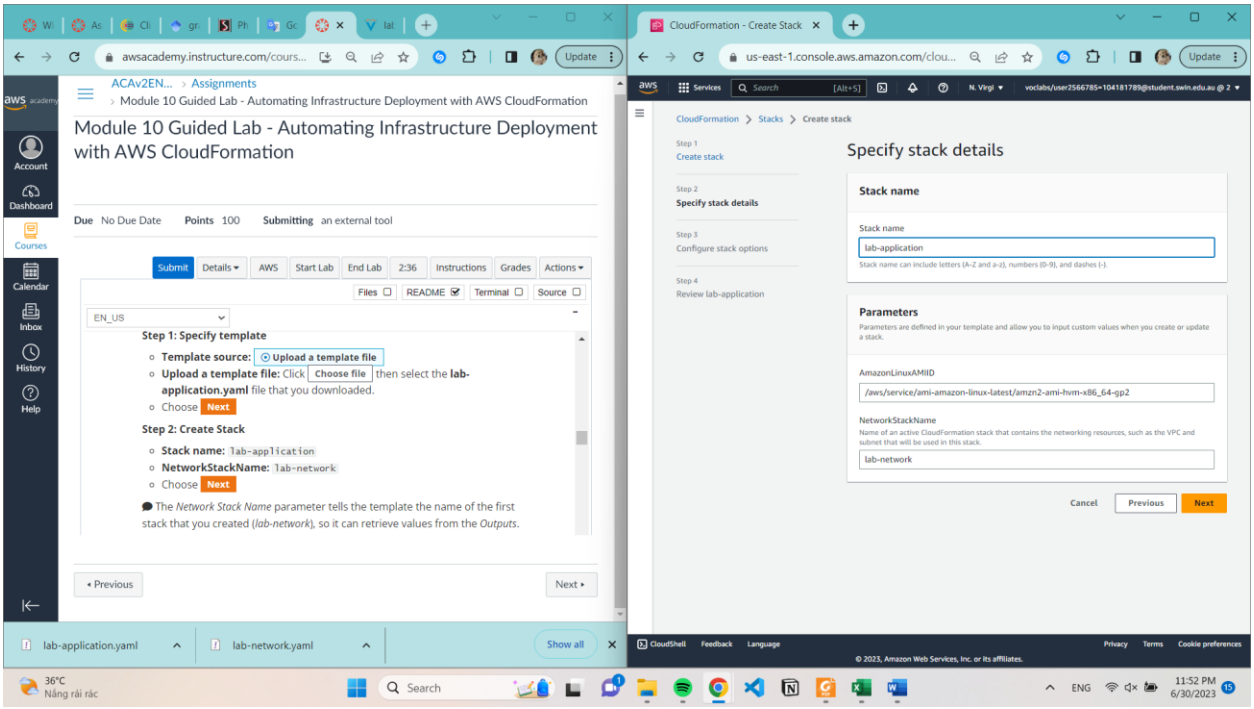
Value: inventory

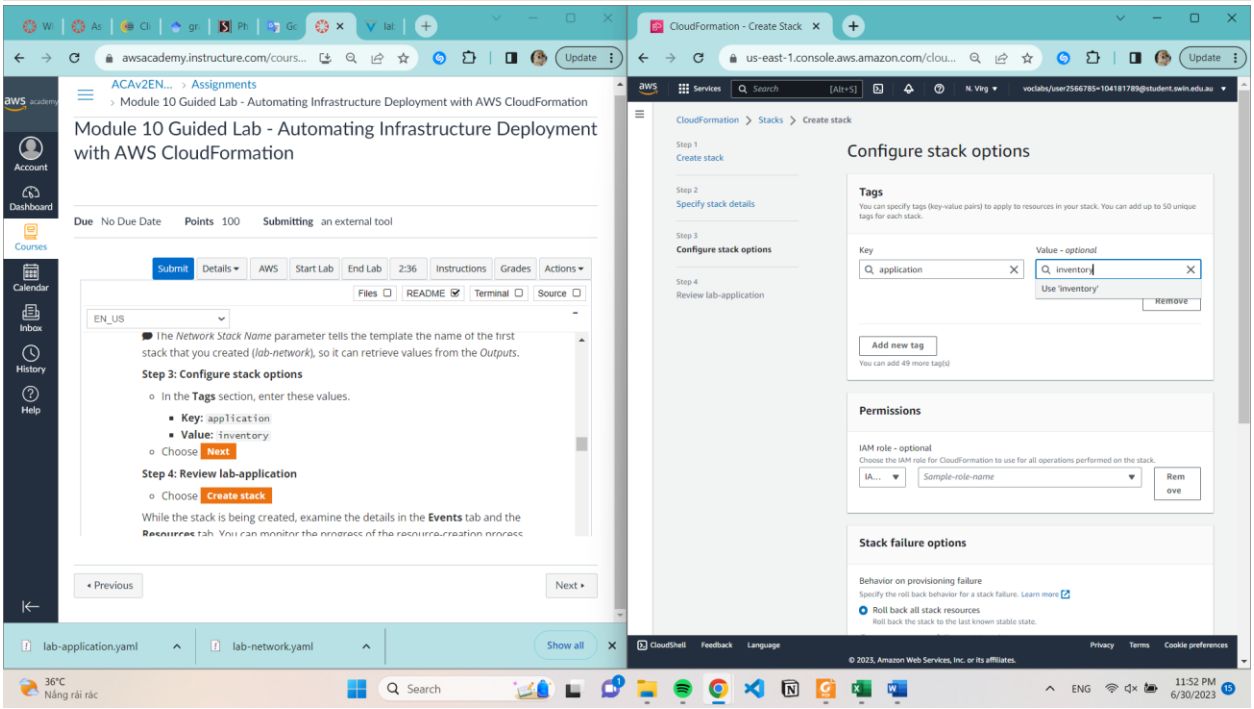




Task 2: Deploying an application layer

We did the same task like Task 1 but with different file


Module 10 Guided Lab - Automating Infrastructure Deployment with AWS CloudFormation
Due No Due Date Points 100 Submitting an external tool
Step 1: Specify template
Template source: Upload a template file
Upload a template file: Click Choose file then select the lab-application.yaml file that you downloaded.
Choose Next
Step 2: Create Stack
Stack name: lab-application
NetworkStackName: lab-network
Choose Next
The Network Stack Name parameter tells the template the name of the first stack that you created (lab-network), so it can retrieve values from the Outputs.
Specify stack details
Stack name
lab-application
Parameters
AmazonLinuxAMIID
/aws/service/ami-amazon-linux-latest/amzn2-ami-hvm-x86_64-gp2
NetworkStackName
lab-network
Cancel Previous Next


Module 10 Guided Lab - Automating Infrastructure Deployment with AWS CloudFormation
Due No Due Date Points 100 Submitting an external tool
The Network Stack Name parameter tells the template the name of the first stack that you created (lab-network), so it can retrieve values from the Outputs.
Step 3: Configure stack options
In the Tags section, enter these values.
Key: application
Value: inventory
Choose Next
Step 4: Review lab-application
Choose Create stack
While the stack is being created, examine the details in the Events tab and the
Configure stack options
Tags
Key
application
Value - optional
inventory
Add new tag
Permissions
Stack failure options
Behavior on provisioning failure
Roll back all stack resources

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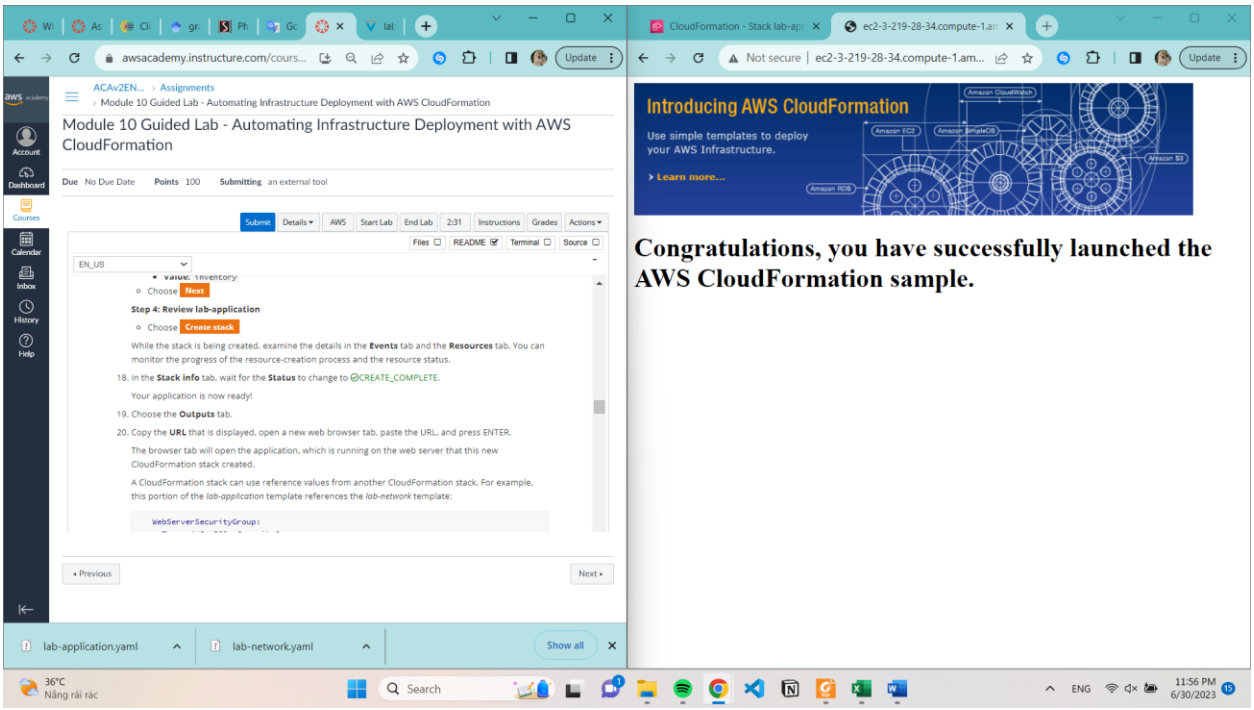
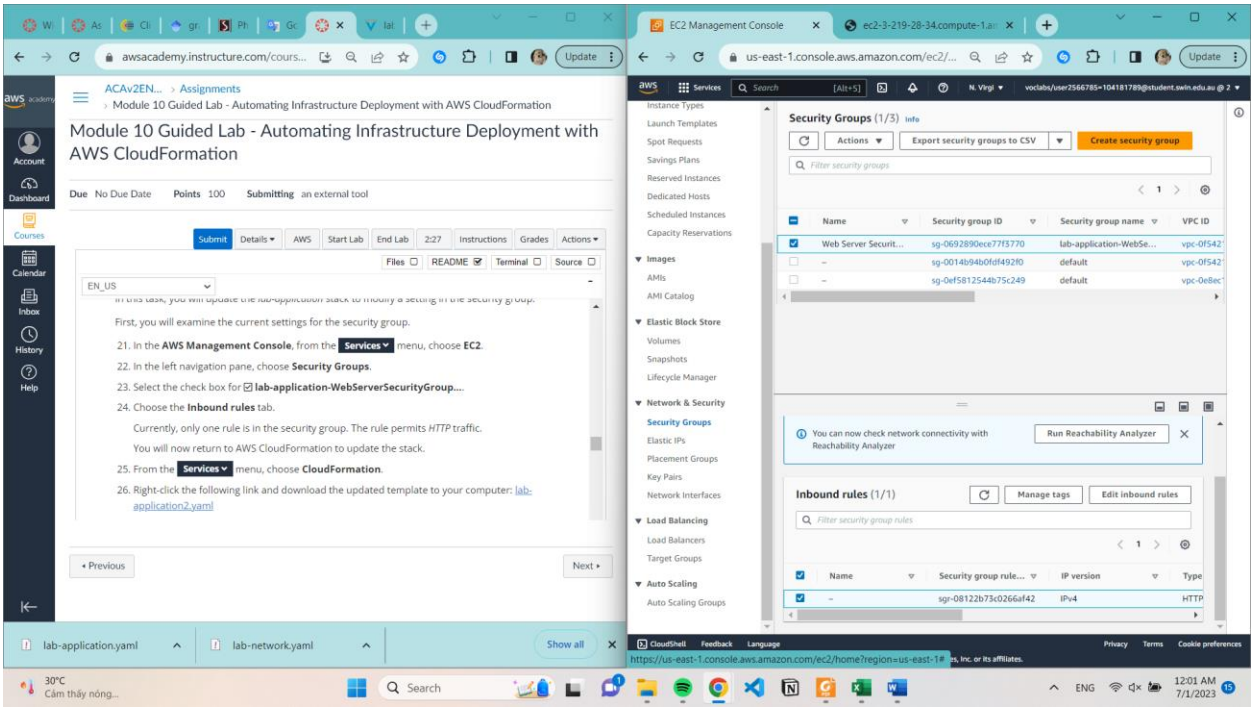
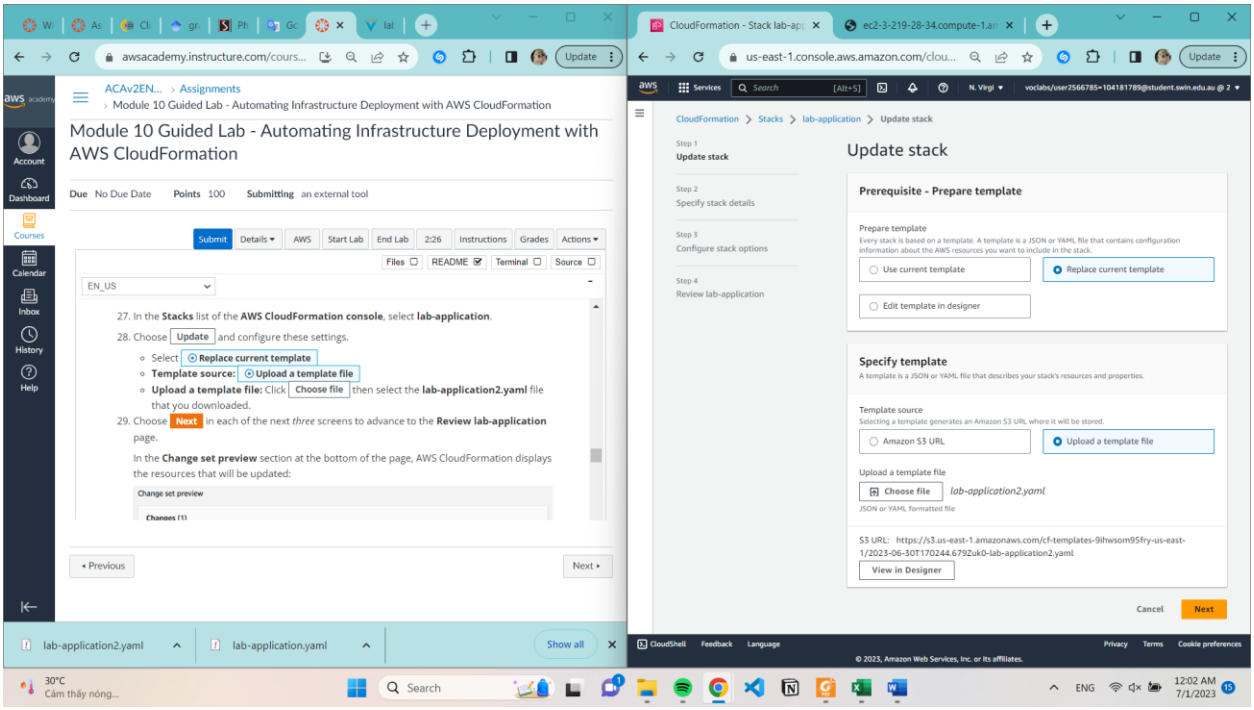


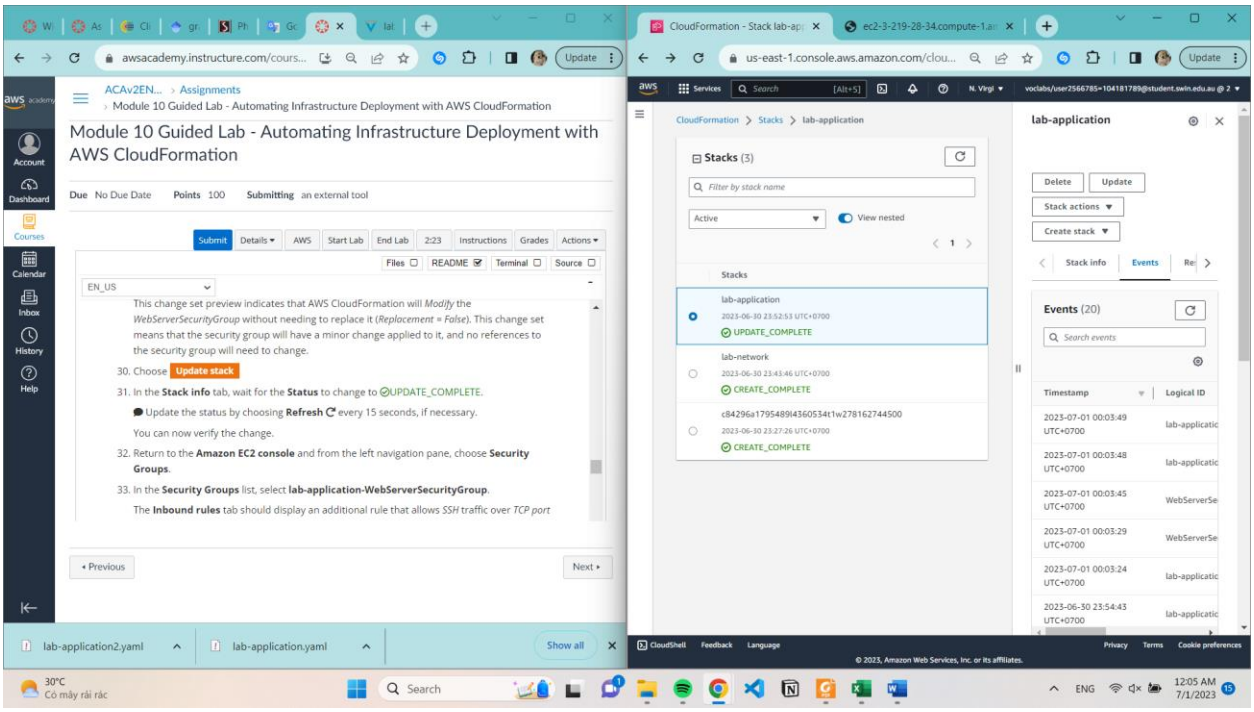
Task 3: Updating a Stack

Examine Security group

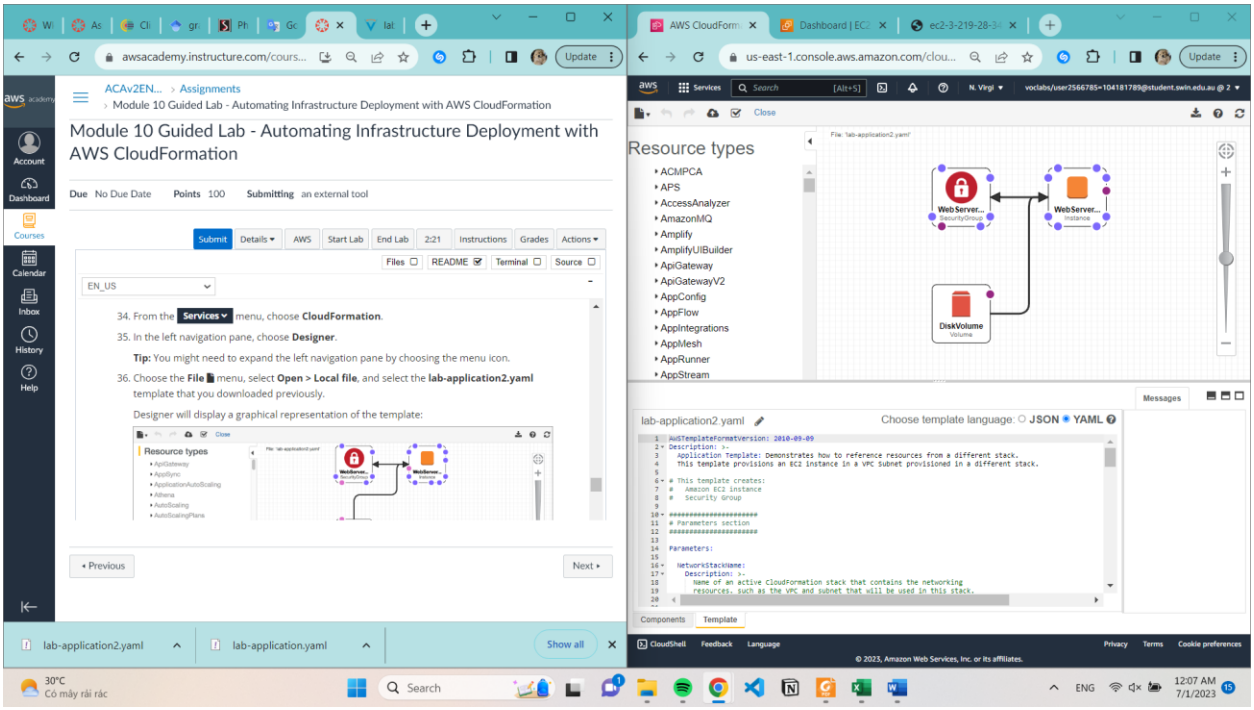


Update Cloudformation template

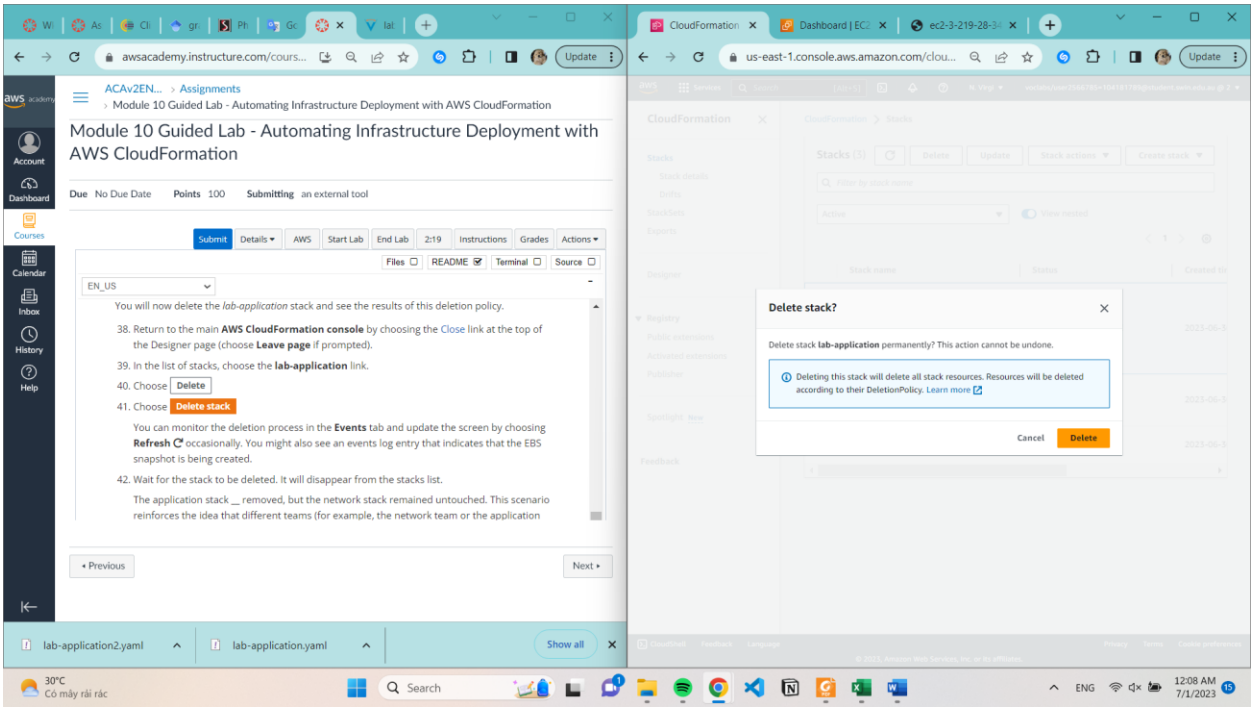




Task 4: Exploring templates with AWS CloudFormation Designer



Task 5: Deleting the stack



Snapshots with Started time