

Week 8 – Guided Lab: Automating Infrastructure Deployment with AWS CloudFormation

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Date: 27/06/2024

Task 1: Deploying a networking layer

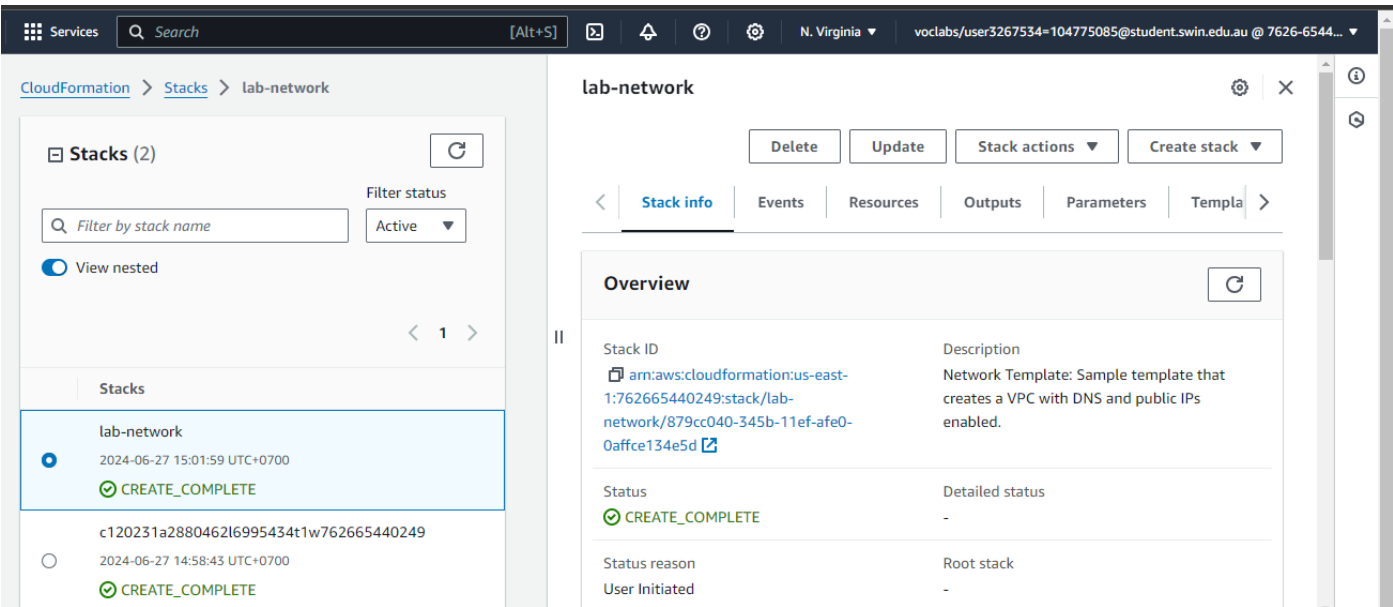


Figure 1: Create Lab Network Stack.

Task 2: Deploying an application layer

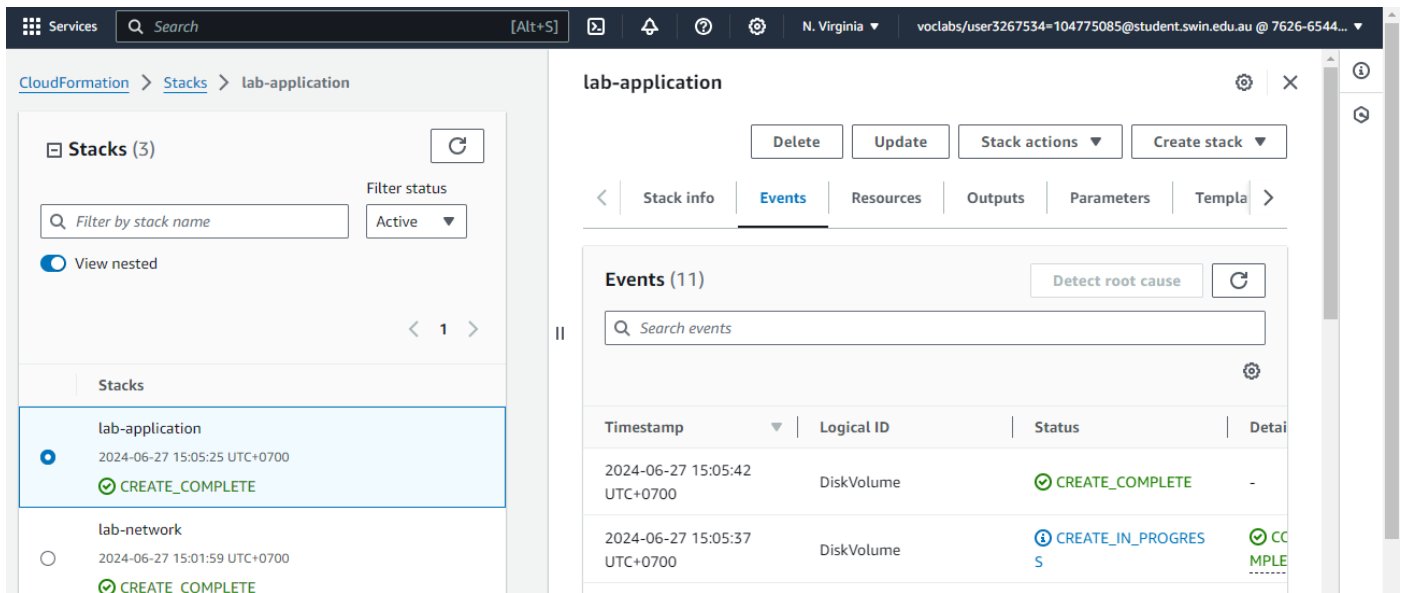


Figure 2: Create Lab Application Stack.

Task 3: Updating a Stack

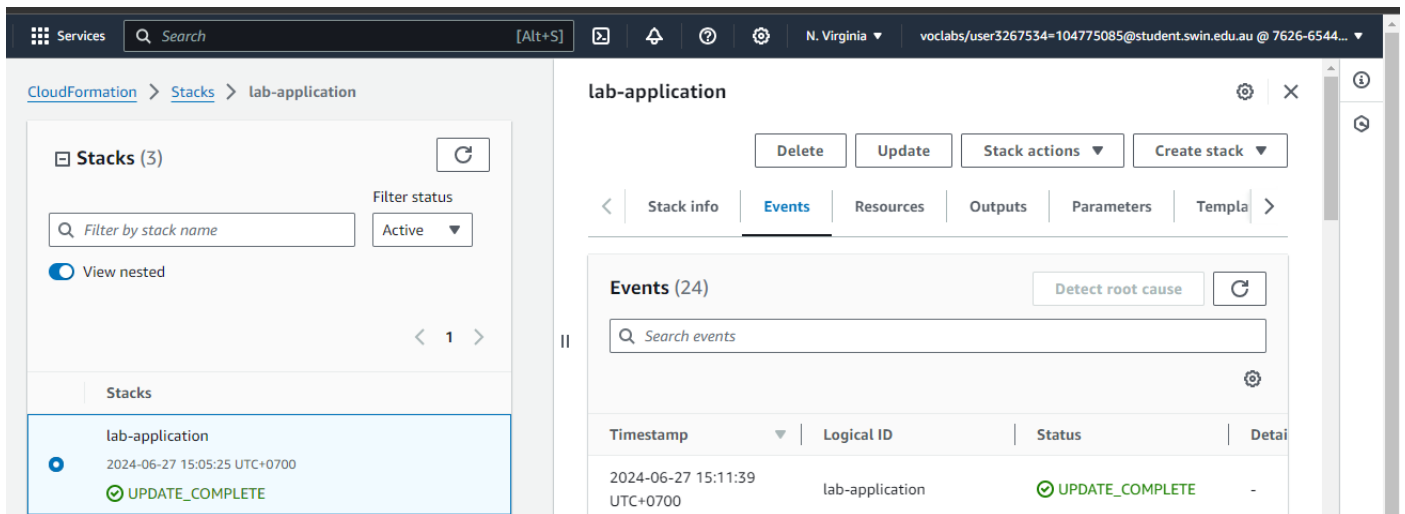


Figure 3: Update Lab Application Stack.

Task 4: Exploring templates with AWS CloudFormation Designer

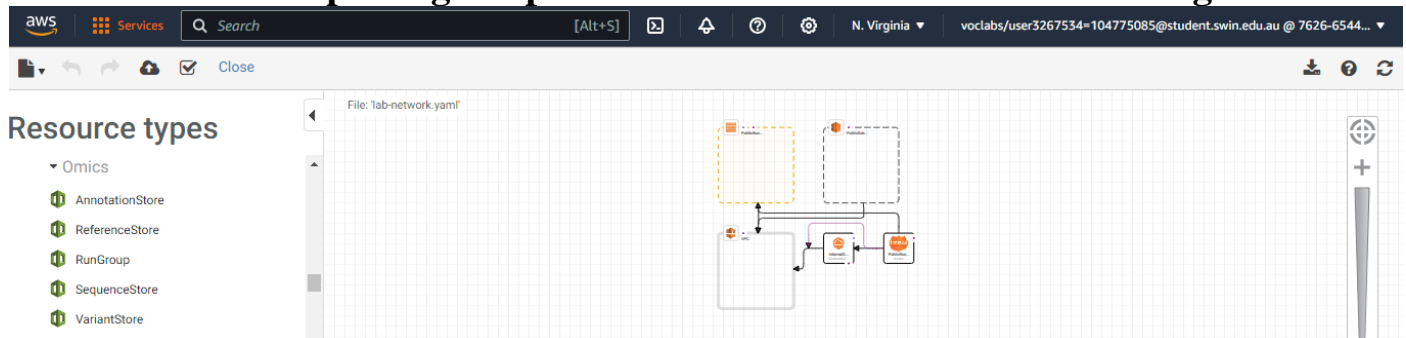


Figure 4: Try Opening lab-network.yaml.

Task 5: Deleting the stack

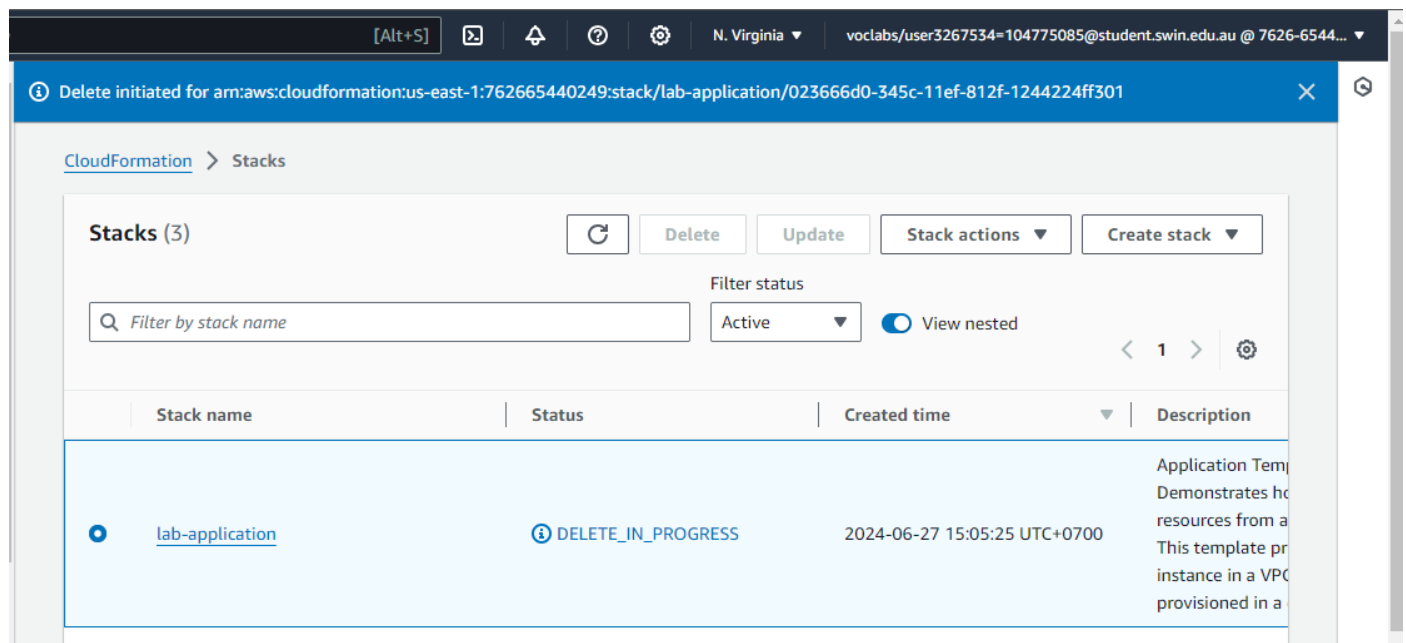
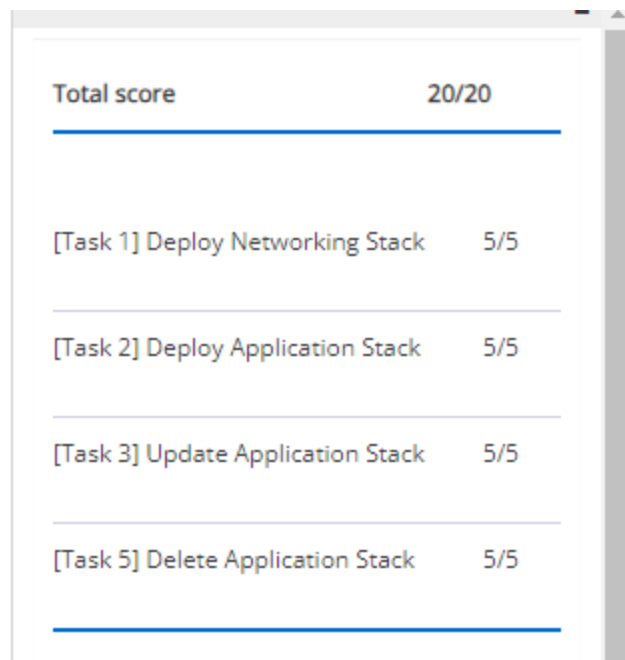
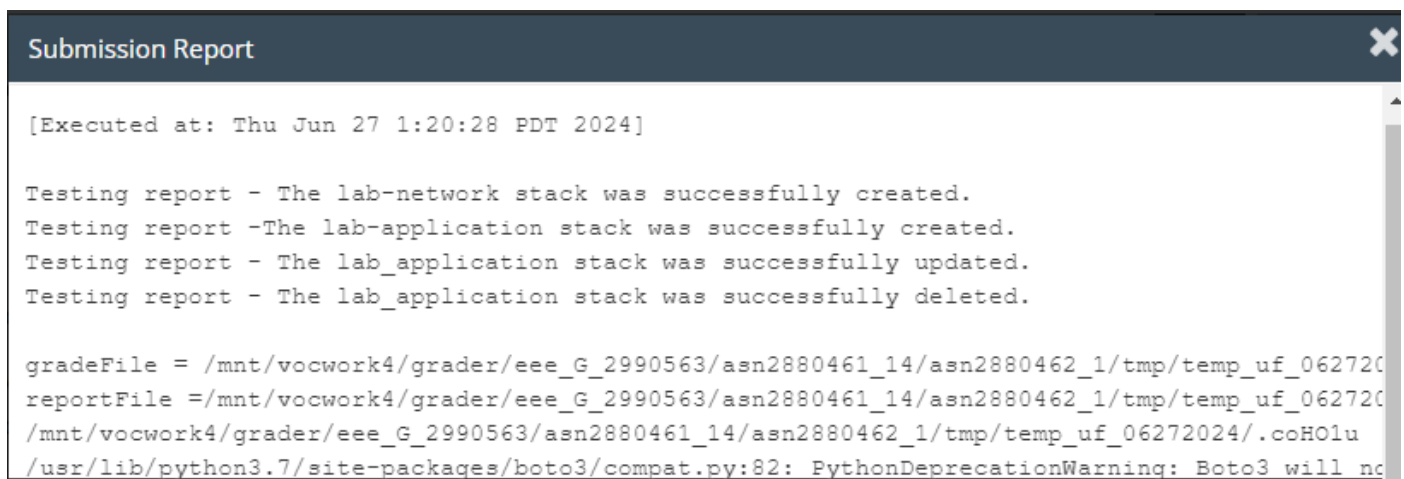


Figure 5: Delete lab-application stack.

A screenshot of a submission score window. It features a table with two columns: task names and scores. The total score is 20/20. The tasks listed are [Task 1] Deploy Networking Stack (5/5), [Task 2] Deploy Application Stack (5/5), [Task 3] Update Application Stack (5/5), and [Task 5] Delete Application Stack (5/5).

Total score	20/20
[Task 1] Deploy Networking Stack	5/5
[Task 2] Deploy Application Stack	5/5
[Task 3] Update Application Stack	5/5
[Task 5] Delete Application Stack	5/5

Figure 6: Submission score

A screenshot of a submission report window. It has a dark header with the title "Submission Report" and a close button. The main content area shows the execution time, testing reports for four tasks, and file paths for the grade and report files. A Python deprecation warning is visible at the bottom.

```
[Executed at: Thu Jun 27 1:20:28 PDT 2024]

Testing report - The lab-network stack was successfully created.
Testing report -The lab-application stack was successfully created.
Testing report - The lab_application stack was successfully updated.
Testing report - The lab_application stack was successfully deleted.

gradeFile = /mnt/vocwork4/grader/eee_G_2990563/asn2880461_14/asn2880462_1/tmp/temp_uf_062720
reportFile =/mnt/vocwork4/grader/eee_G_2990563/asn2880461_14/asn2880462_1/tmp/temp_uf_062720
/mnt/vocwork4/grader/eee_G_2990563/asn2880461_14/asn2880462_1/tmp/temp_uf_06272024/.coHO1u
/usr/lib/python3.7/site-packages/boto3/compat.py:82: PythonDeprecationWarning: Boto3 will no
```

Figure 7: Submission Report