CSDO1010-007-B-W24-LAB2 Report

Task

- Manage AWS Infrastructure with Terraform (IaC) and Ansible (CM)

Requirements

- `webserver-Public-URL` and the `URL` assigned from the end of the Terraform apply output.
  - Please do not include all of the output from apply, just the `webserver-Public-URL` value
- The Cloud Computing Course webpage in your browser, including the address bar showing the URL
- Provisioned Infrastructure as viewed through your AWS account, including the public IP of your `webserver`, under Instances
- `ls` command output from `putty` session to your EC2 instance to show folder contents.

Report

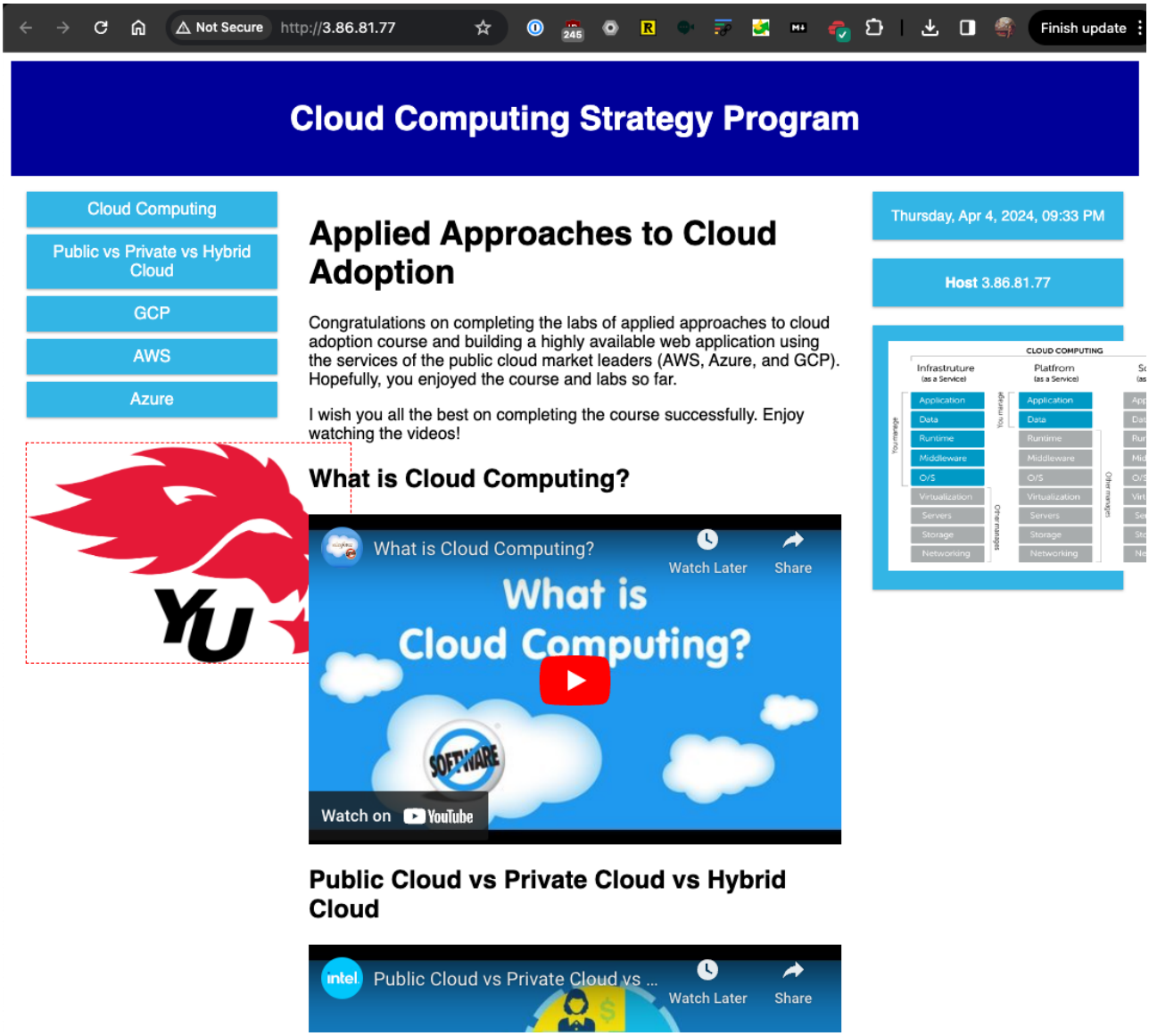
- `webserver-Public-URL` and the `URL` assigned from the end of the Terraform apply output.

```
module.compute.aws_instance.webserver (remote-exec): localhost                : ok

module.compute.aws_instance.webserver: Creation complete after 2m39s [id=i-0d759e219

Apply complete! Resources: 8 added, 0 changed, 0 destroyed.

Outputs:

Apache-Webserver-Public-URL = "http://3.86.81.77"

~/justin-irl/CSDO1010-007-B-W24-LAB3 on  20240404_justin-irl__apache-playbook
```

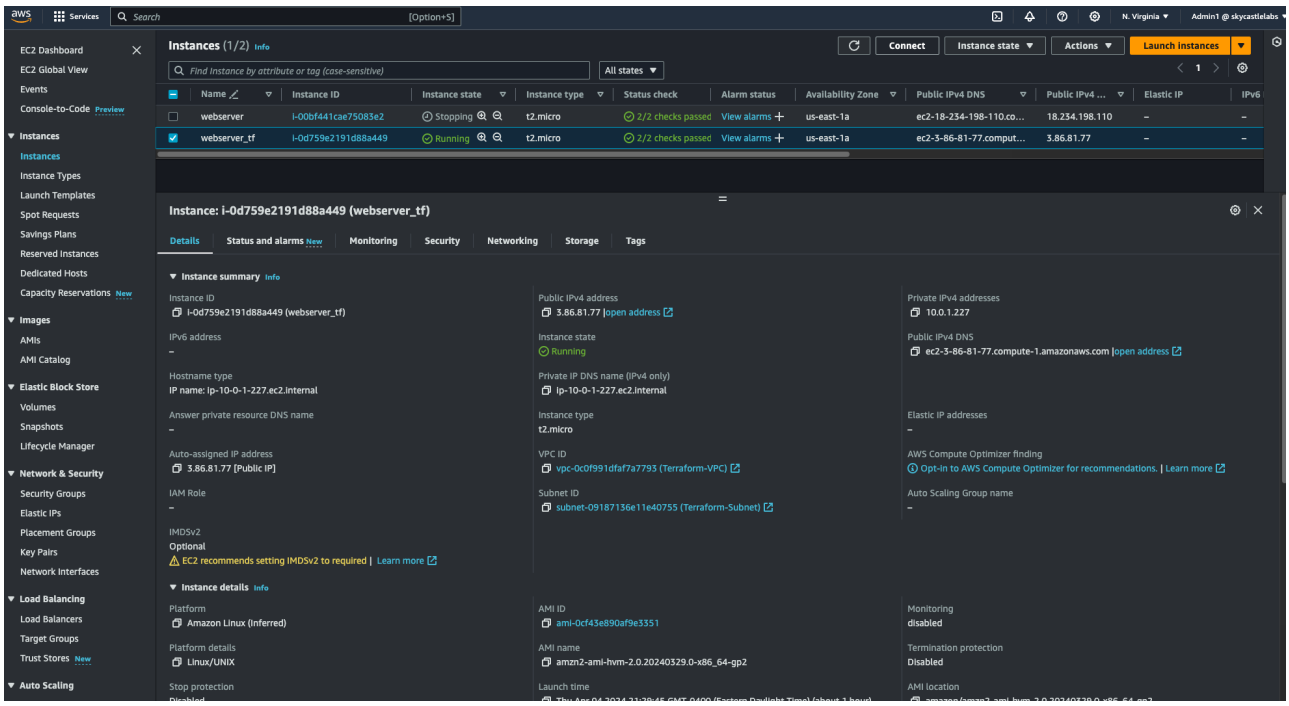
  - I noticed in the doc, the steps for `fmt` and `plan` were not included. After running `plan` this is the message regarding the `URL`:

```
      + tags                                 = {
          + "Name" = "Terraform-VPC"
        }
      + tags_all                             = {
          + "Name" = "Terraform-VPC"
        }
    }

Plan: 8 to add, 0 to change, 0 to destroy.

Changes to Outputs:
  + Apache-Webserver-Public-URL = (known after apply)

Saved the plan to: tfplan

To perform exactly these actions, run the following command to apply:
    terraform apply "tfplan"
```

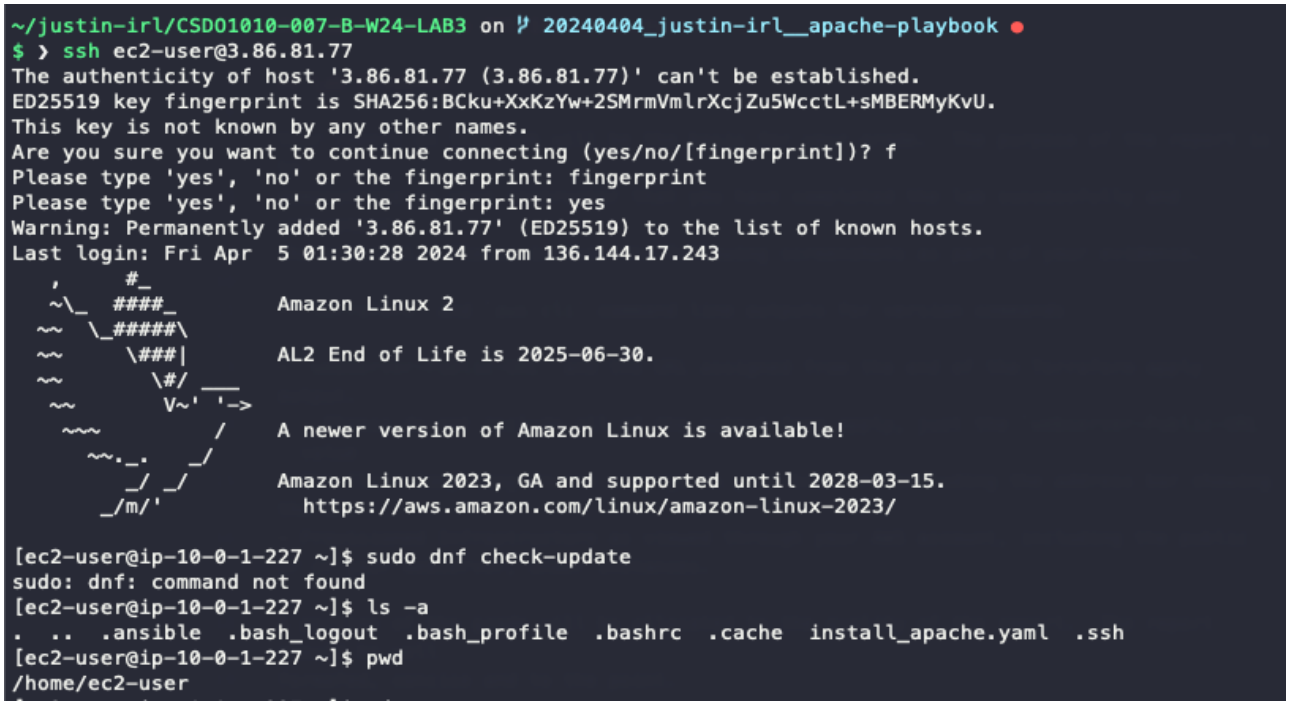
- The Cloud Computing Course webpage in your browser, including the address bar showing the `url`



- Provisioned Infrastructure as viewed through your AWS account, including the public IP of your webserver, under Instances.



- `ls` command output from `putty` session to your EC2 instance to show folder contents.



Notes

- Similar to the previous lab, created & configured repo with `tfenv` and `tflint` and bumped to `tf 1.7.5` & `aws 5.43.0`
- Resources destroyed