

Ansible Curriculum Runbook

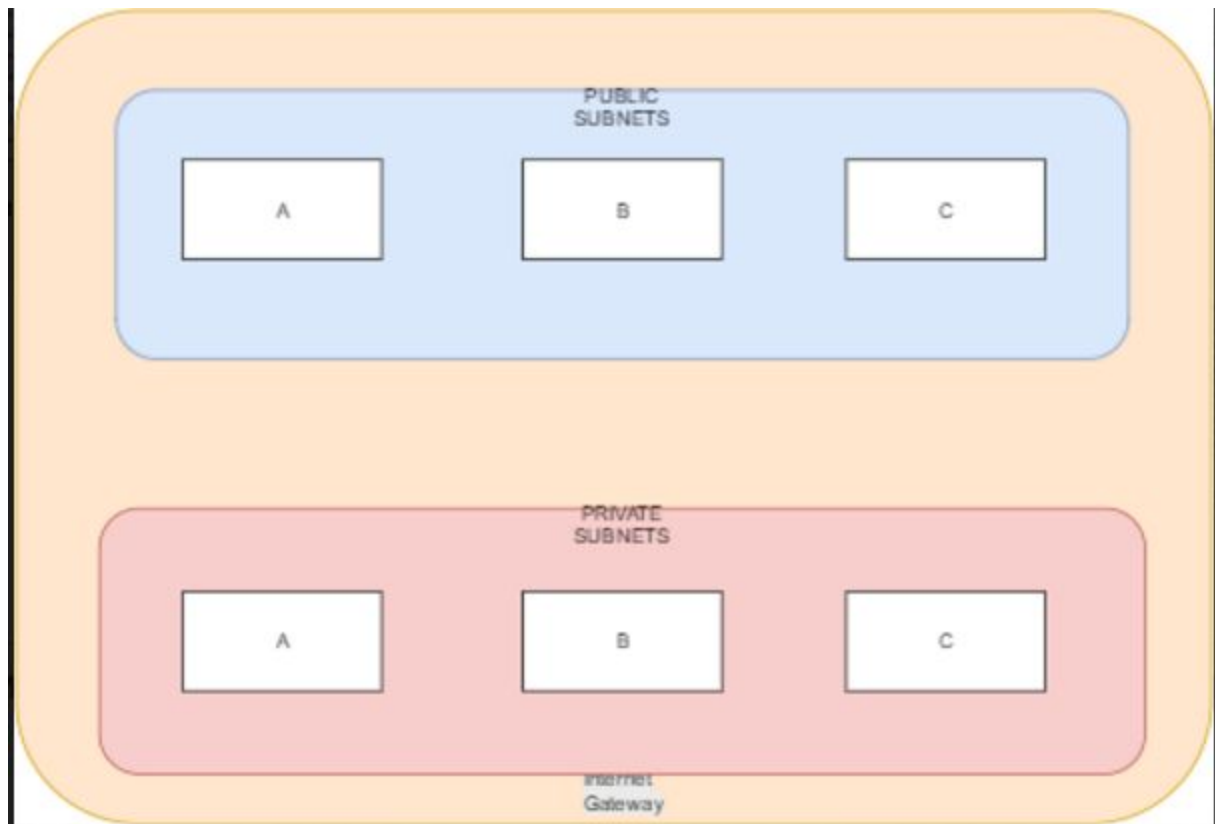
Short Description

Create a webserver and database on AWS that will host CSUN's curriculum website

Required Software

- Oracle Virtualbox
- Linux VM
- Working Git installation
- Git-hub
- Ansible
- AWS (Amazon Web Services)
- AWS CLI

Architecture Diagram



Deployment

1. Set Up an AWS and Git-Hub account
2. Download and Install Terraform onto your Host Machine
3. Install AWS CLI on your Host Machine and add your access and secret keys using aws-configure
4. Create your intra.tf file in Terraform with the appropriate code for the task at hand and then push it to your Git-Hub account
5. Run `$ terraform apply` from your Host Machine where your intra.tf file is located
6. Check that your Instances, Subnets, Gateways, Routing Tables and Security Groups have been properly introduced into AWS
7. SSH into your “bastion” instance
8. Install Ansible onto your bastion machine and clone your Git-Hub repo onto the bastion machine
- 9.

Issues

Title: Terraform Destroy

Description: Terraform destroy command would not destroy infrastructure

Remediation Steps: I had to manually destroy through AWS Console