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Deployment 4

**Steps 1 & 2: Installing Jenkins and Terraform onto an EC2**

Summary:

* For this, I used the Jenkins server from the previous deployments and followed the steps in the documentation to download Terraform. This EC2 sits in our Default VPC.

**Step 3: Configure Credentials in Jenkins**

Summary:

* Here, we created two new keys and inserted the respective keys so that whenever our Jenkins pipeline invokes Terraform (i.e. in the final three stages) it would build them onto our console in AWS.
* We can use any user if the “AdministratorAccess” policy is attached.

**Step 4: Creating Pipeline Build in Jenkins Using Terraform**

Summary:

* Here, I ran the Jenkinsfile to a successful build.

Issues:

* I accidentally exposed my AWS user keys on GitHub when pushing my code from my local computer to the GitHub repository. AWS blocked any creation of EC2s after this, which resulted in errors. To fix it, I simply regenerated the credentials.
* I forgot to change the name of the .pem file holding the key, which resulted in errors.

Graphical user interface, application

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