

Server Runbook

Please see last issue!

Requirements:

AWS

Putty

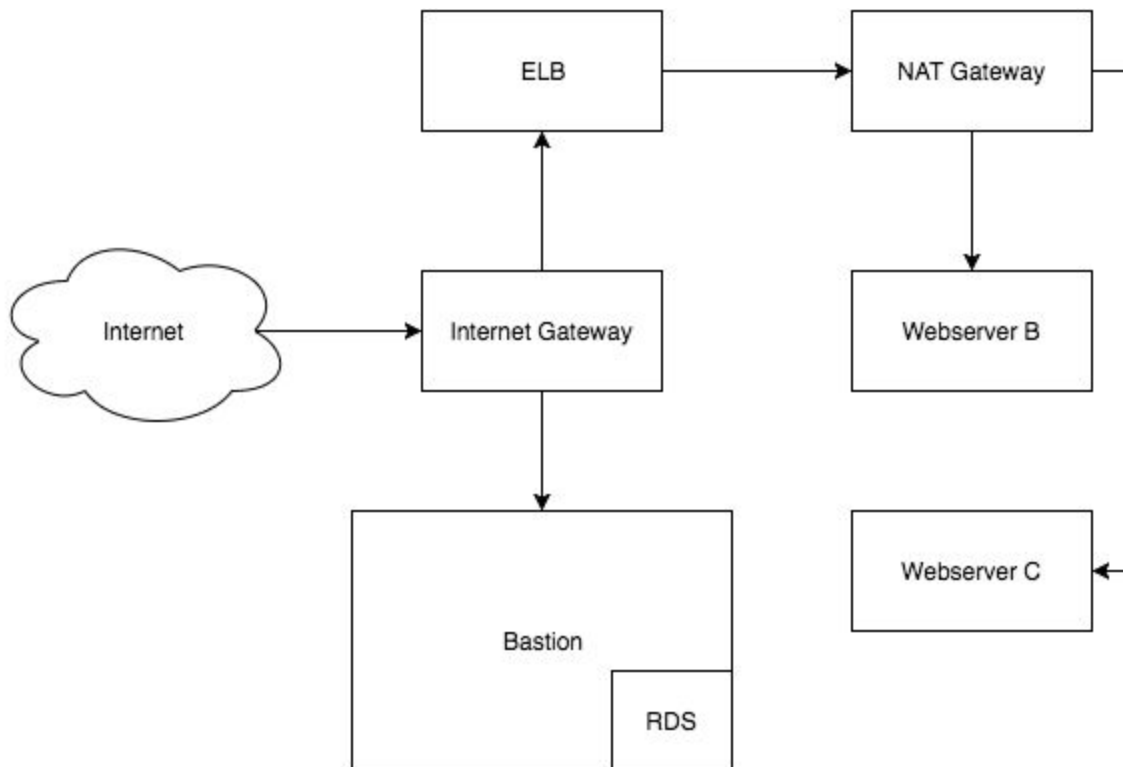
Python

Ansible

Terraform

Github

Architecture Diagram



Deployment process:

In order to get the site running you need to have a working AWS account. Once that is set up you will install Terraform on your client computer. After that you must connect your AWS account to Terraform, which is done by installing the AWS CLI Tools. Next you need to write your Terraform code, and run it from the CLI. If successful, you should be seeing the instances you created on the AWS dashboard. Next, using putty or the Terminal you can SSH into your instances, for this you will require you to have the .pem file on your client and on your instances. Once you are able to SSH into your instance, install Ansible, your github repo and the certificates needed by ansible. Next you will need to configure ansible to point to the other instances. After this you can run the db.yml playbook on localhost, this will create the DB on the RDS service which was configured earlier. Next, run the web.yml , this will install the services and features required onto the instances. Make sure to set the IP's in the hosts file.

ISSUES:

Connecting to Bastion - Error or no connection at all
Resolution: Converting .pem to ppk with the putty tool

Ansible - not running on localhost
Resolution point to local with --connection=local parameter

Issue that kept my site from opening:

SSH Keypairs missing from webserver instances!
Resolution: Import Ansible SSH keys into the webserver

I was having issues with the web.yml giving me a connection failed issue, it worked fine on local and the site loaded locally but could not connect to webserver b/c.

-Mero Eyvazi