Testing the app if it’s running on any developer’s machine (public\_ip:8080)

Automating the deployment of Stack (VSTS)

Deciding the approach for starting application

(SSM)

Creating the template for deploying VMs (Cloud formation/Terraform)

Testing the app public\_ip:8000

Setting up firewall and configuring it to route the traffic to port 8000. Reverse proxy configuration

9

Fig.1.1

1. Template can be created via Cloud formation or Terraform.

Cloud formation is infra dependent (Only AWS)

Terraform is Infra independent (Any infra AWS, Azure, Openstack etc.)

1. VM can be any Linux or Windows. I Choose Windows as I tried on my Windows Local Machine.
2. Starting the app after sometime once the VMs fully initialized.

(SSM, Shell script (Linux) , PowerShell(windows) etc.)

1. For reverse proxy of routing traffic any firewall can be used, For reverse proxy I have used barracuda firewall.