Lab 9. Scaling and loadbalancing web servers.

Background:

In this lab, we will take the web servers that we created in lab 7 and deploy them to an Amazon AWS Auto Scaling Group and also deploy a load balancer to share the traffic between them.

Tasks.

As before, create a new directory lab 9, and create three files, resources.tf, main.tf and vars.tf.

You will create an auto scaling group with a desired capacity of three servers.

Use the template files from the previous lab.

Tasks

1. Create an auto-scaling group and a launch template for the web servers

2. Create a load balancer for the web servers.

3. For the auto scaling group define a minimum and maximum of three servers.

4. Support rolling deployments by setting the create_before_destroy parameter in the ASG livecycle to true.

5. Make sure the the ASG group doesn't get created before you create the load balancer listening service.