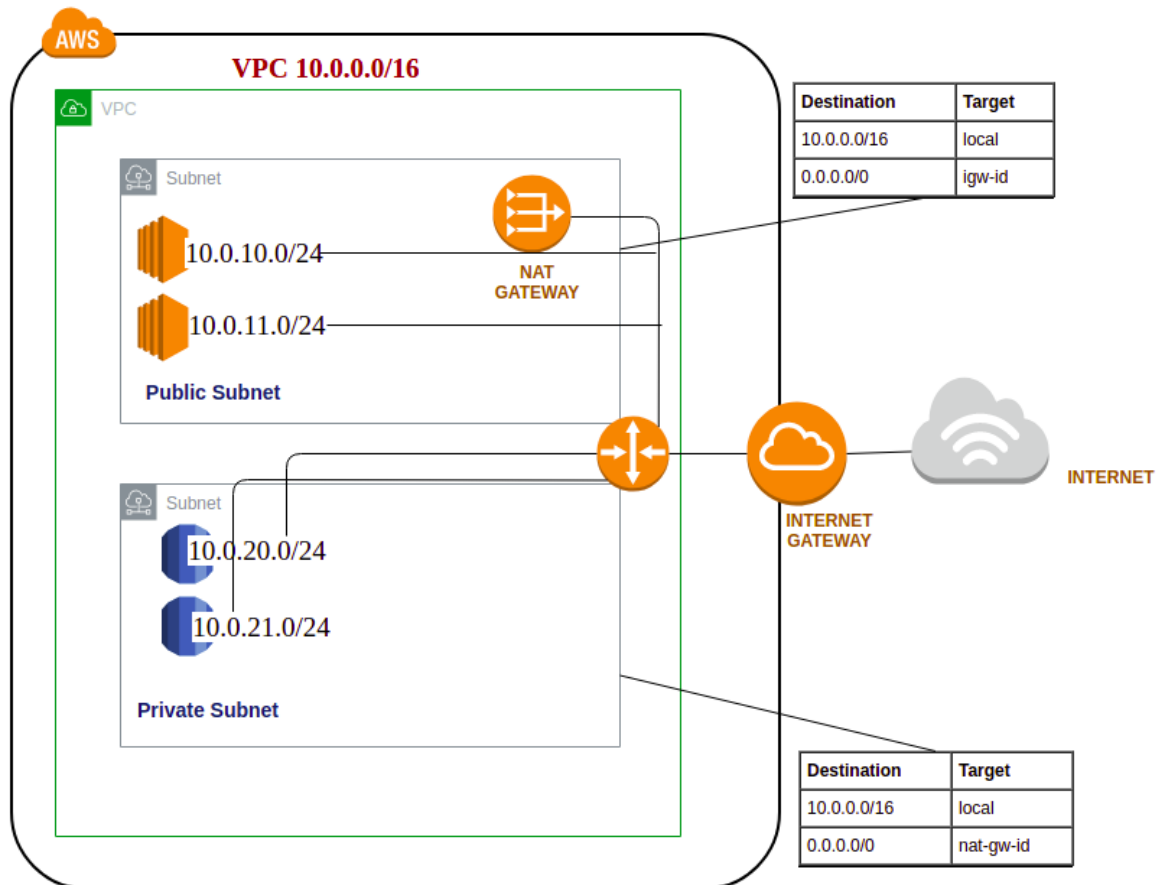


Lab 7 of ECSE373L

Lab 9 of ECSE304L



Lab Scenario

Step by Step Explanation of Given Scenario:

<https://medium.com/@raihlmuthu80/provision-highly-available-vpc-architecture-using-cloudformation-fit-devops-3cd62ba54a91>

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/sample-templates-services-us-west-2.html#w2ab1c35c58c13c17>

Introduction:

AWS CloudFormation gives you an easy way to model a collection of related AWS and third-party resources, provision them quickly and consistently, and manage them throughout their lifecycles, by treating infrastructure as code. A CloudFormation template describes your desired resources and their dependencies so you can launch and configure them together as a stack. You can use a template to create, update, and delete an entire stack as a single unit, as often as you need to, instead of managing resources individually. You can manage and provision stacks across multiple AWS accounts and AWS Regions.

For Understanding AWS CloudFormation:

https://www.youtube.com/watch?v=0Sh9OySCyb4&ab_channel=BeABetterDev

Lab Objective: Set up the given scenario using AWS CloudFormation.

Take the snapshots of all performed tasks for the given scenario and create a doc/pdf of your enrolment number_lab08 (Ex: E18CSE032_Lab08) and upload the file on LMS.

Official AWS Web Url:

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-resource-ec2-vpc.html>

Additional Video url:

https://www.youtube.com/watch?v=k1XVwctKgGY&t=45s&ab_channel=TheCloudAdvisory

https://www.youtube.com/watch?v=7gCpByCUQcc&ab_channel=TheCloudAdvisory