

AWS VPC and Load Balancer with Terraform

This repository contains Terraform configuration files to create an AWS VPC with two subnets, an Application Load Balancer (ALB) spanning both subnets, and an EC2 instance. The setup includes a `variables.tf` file for defining the variables.

Prerequisites

- Terraform installed on your local machine.
- AWS account with necessary permissions.
- AWS CLI configured with your credentials. **Files**
- `main.tf`: The main Terraform configuration file.
- `variables.tf`: Defines the variables used in the configuration.
- `outputs.tf`: Outputs the relevant information after the resources is created.

Steps

Step 1: Clone the Repository [gitclone](#)

<https://github.com/MadhuMidimala/Terraform.git>

[cd Terraform](#)

Step 2: Initialize Terraform

[terraform init](#)

Step 3: Plan the Terraform Deployment

[terraform plan](#)

Step 4: Apply the Terraform Configuration

[terraform apply](#)

Step 5: Verify the Resources

After the apply command completes, you can verify the created resources using the AWS Management Console or AWS CLI.

Clean Up

To destroy the created resources, run: [terraform destroy](#)

