

Terraform Project Overview

Project Overview

- Project request requirements:
 - Deploy new service available for public consumers
 - Serverless application
 - Lambda generates random number
 - Stores results in DynamoDB
 - Public endpoint with API Gateway
- Make sure all resources created with Terraform
 - Nothing done manually!
- Deploy service only in us-west-2
 - us-west-2 is the Development environment



Project Overview

- What do we need?
 - S3 bucket to store Lambda application code
 - DynamoDB table to store generated results
 - Lambda to run application code
 - API Gateway for the public endpoint
 - Use Lambda Proxy integration for simplification
- Lambda code written in Python
 - Provided to us by developers



Project Overview

What's the game plan?

1. Create the S3 bucket with private ACL
2. Create the DynamoDB table
3. Create the Lambda function and deploy provided code
4. Create the API Gateway with Lambda Proxy integration
5. Run tests, verify results are stored in DynamoDB

