**# cloudfront-sg-ip-update**

This repository will help you to update Cloudfront and WAF ip address into security group

\*\*\*\* How to use \*\*\*\*

Steps to implement solution.

1. Ready Lambda code with s3 bucket. Bu default i put Ireland region.

* If you are working with Other region. Create one s3 bucket and upload code.zip file and make it public accessible.

1. Execute template cloudfront-ip-update.yml and fill parameters. VPC, S3 bucket and object.

* This Cloudformation will create 4 security group. 2 for https (global and Region) and 2 for http (global and region), lambda function, IAM role for lambda

1. change your region to N.Virginia(us-east-1) and update sns subcription with following steps and detail.

* go to sns service (N.virginia region only)
* Subscription
* Create
* Topic Arn - arn:aws:sns:us-east-1:806199016981:AmazonIpSpaceChanged
* Protocol - AWS Lambda
* Paste Endpoint of Lambda function created by template
* Create

**Hint :-** you can find lambda function arn in from Cloudformation stack output section.