

Using Amazon CloudFront with Multi-Region Amazon S3 Origins

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Link to full blog post: <https://aws.amazon.com/blogs/apn/using-amazon-cloudfront-with-multi-region-amazon-s3-origins/>

Appendix B: CloudFormation Templates

[Origin-bucket.yaml]

```
AWSTemplateFormatVersion: "2010-09-09"
Description: "S3 origin buckets to be used with CloudFront and Lambda@Edge"

Parameters:
  HostedZoneId:
    Type: "AWS::Route53::HostedZone::Id"
    Description: "HostedZone to create DNS record in"
  RecordFQDN:
    Type: String
    Description: "Must fit in the hosted zone"
  Weight:
    Type: Number
    Default: 10
  OaiS3CanonicalUserId:
    Type: String

Resources:
  OriginBucket:
    Type: "AWS::S3::Bucket"
  OriginBucketPolicy:
    Type: "AWS::S3::BucketPolicy"
    Properties:
      Bucket: !Ref OriginBucket
      PolicyDocument:
        Version: "2012-10-17"
        Id: PolicyForCloudFrontOai
        Statement:
          - Sid: "Grant a CloudFront Origin Identity access"
            Effect: Allow
            Principal:
              CanonicalUser: !Ref OaiS3CanonicalUserId
            Action: "s3:GetObject"
            Resource: !Sub "arn:aws:s3:::${OriginBucket}/*"
  OriginDns:
    Type: "AWS::Route53::RecordSet"
    Properties:
      Comment: !Sub "S3 Origin in ${AWS::Region}, created by
${AWS::StackName}"
      HostedZoneId: !Ref HostedZoneId
      Name: !Ref RecordFQDN
      ResourceRecords:
        - !Sub "'${OriginBucket}.s3.${AWS::Region}.amazonaws.com'"
      SetIdentifier: !Sub "${AWS::Region}-${AWS::StackName}"
```

TTL: 30
Type: TXT
Weight: !Ref Weight

Outputs:

OriginBucketName:
Description: Origin Bucket Name
Value: !Ref OriginBucket