

AWS ROUTE 53 SUBDOMAIN FOR ELB SETUP

Define simple record

Record name

To route traffic to a subdomain, enter the subdomain name. For example, to route traffic to blog.example.com, enter *blog*. If you leave this field blank, the default record name is the name of the domain.

loadbalancer

.final-project-demo.tk

Valid characters: a-z, 0-9, ! " # \$ % & ' () * + , - / : ; < = > ? @ [\] ^ _ ` { | } . ~

Value/Route traffic to

The option that you choose determines how Route 53 responds to DNS queries. For most options, you specify where you want to route internet traffic.

Alias to Network Load Balancer

US East (N. Virginia) [us-east-1]

mysfits-nlb-8de212d1ee411720.elb.us-east-1.amazonaws.com

Record type

The DNS type of the record determines the format of the value that Route 53 returns in response to DNS queries.

A – Routes traffic to an IPv4 address and some AWS resources

Choose when routing traffic to AWS resources for EC2, API Gateway, Amazon VPC, CloudFront, Elastic Beanstalk, ELB, or S3. For example: 192.0.2.44.

Evaluate target health

Select Yes if you want Route 53 to use this record to respond to DNS queries only if the specified

Cancel

Define simple record

<input type="checkbox"/>	Record name ▾	Type ▾	Routing policy ▾	Difference ntiator ▾	Alias ▾	Value/Route traffic to ▾	TTL (seconds) ▾
<input type="checkbox"/>	final-project-demo.tk	A	Simple	-	Yes	d1smmdq2ny3q3m.cloudfront.net.	-
<input type="checkbox"/>	final-project-demo.tk	NS	Simple	-	No	ns-502.awsdns-62.com. ns-1976.awsdns-55.co.uk. ns-626.awsdns-14.net. ns-1401.awsdns-47.org.	172800
<input type="checkbox"/>	final-project-demo.tk	SOA	Simple	-	No	ns-502.awsdns-62.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400	900
<input type="checkbox"/>	_a0b370581928c82fdb a3f560a4554fd7.final-project-demo.tk	CNAME	Simple	-	No	_8e29fb7ee7f4263fad8462f1d f81408c.wggjkgldrm.acm-validations.aws.	300
<input type="checkbox"/>	loadbalancer.final-project-demo.tk	A	Simple	-	Yes	mysfits-nlb-8de212d1ee411720.elb.us-east-1.amazonaws.com.	-

SETTING UP ECS SERVICE

```
TERMINAL  PROBLEMS 2 OUTPUT  DEBUG CONSOLE  1: aws
MacBook-Air-nikita:laC-Mythical-Misfits nkdchck$ aws ecs create-service --cli-input-json file:///./service-definition.json
service:
  clusterArn: arn:aws:ecs:us-east-1:959910143348:cluster/MythicalMysfits-Cluster
  createdAt: '2020-11-17T16:56:00.998000+03:00'
  createdBy: arn:aws:iam::959910143348:user/AWSCLI
  deploymentConfiguration:
    maximumPercent: 200
  ...skipping...
service:
  clusterArn: arn:aws:ecs:us-east-1:959910143348:cluster/MythicalMysfits-Cluster
  createdAt: '2020-11-17T16:56:00.998000+03:00'
  createdBy: arn:aws:iam::959910143348:user/AWSCLI
  deploymentConfiguration:
    maximumPercent: 200
```

Task Definition

Family

mythicalmysfitsservice

Enter a value

Revision

5 (latest)

Launch type

FARGATE

Switch to capacity provider strategy

Platform version

LATEST

Force new deployment

☐

Cluster

MythicalMysfits-Cluster

Service name

MythicalMysfits-Service

Service type*

REPLICA

Number of tasks

1

Minimum healthy percent

0

Maximum percent

200

Configure network

Allowed VPC

vpc-0011729aeebeeb8796

Allowed subnets

subnet-0f04be8e87b4b4105,subnet-0087ce962cd5651ec

Security groups*

sg-06c939021eb96902c

Auto-assign public IP

DISABLED

Load balancing

Load balancing settings can only be set on service creation.

Load Balancer Name

mysfits-nlb

Container Name:

MythicalMysfits-Service

Container Port:

8080

Target Group:

arn:aws:elasticloadbalancing:us-east-1:959910143348:targetgroup/MythicalMysfits-TargetGroup/aa913300df9086d9

```
{...} service-definition.json x
iac > laC-Mythical-Misfits > {...} service-definition.json > ...
1
2  {
3    "serviceName": "MythicalMysfits-Service",
4    "cluster": "MythicalMysfits-Cluster",
5    "launchType": "FARGATE",
6    "deploymentConfiguration": {
7      "maximumPercent": 200,
8      "minimumHealthyPercent": 0
9    },
10   "desiredCount": 1,
11   "networkConfiguration": {
12     "awsvpcConfiguration": {
13       "assignPublicIp": "DISABLED",
14       "securityGroups": [
15         "sg-06c939021eb96902c"
16       ],
17       "subnets": [
18         "subnet-0f04be8e87b4b4105",
19         "subnet-0087ce962cd5651ec"
20       ]
21     }
22   },
23   "taskDefinition": "mythicalmysfitsservice",
24   "loadBalancers": [
25     {
26       "containerName": "MythicalMysfits-Service",
27       "containerPort": 8080,
28       "targetGroupArn": "arn:aws:elasticloadbalan
29     }
30   ]
31 }
```