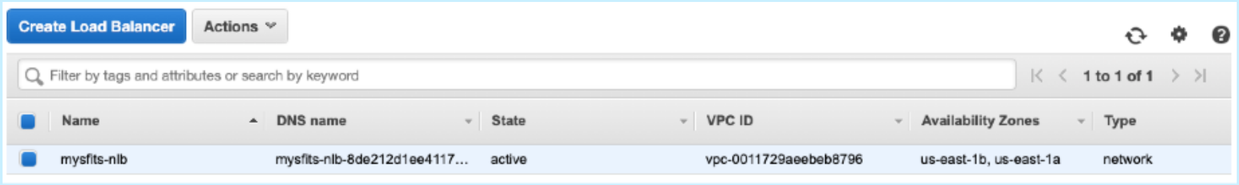
CREATING NETWORK LOAD BALANCER

nlb-output.json

```
iac > IaC-Mythical-Misfits > {} nlb-output.json
LoadBalancers:
- AvailabilityZones:
  - LoadBalancerAddresses: []
    SubnetId: subnet-0df7402f5212e7f0c
    ZoneName: us-east-1a
  - LoadBalancerAddresses: []
    SubnetId: subnet-0a7416f0deff8ec25
    ZoneName: us-east-1b
  CanonicalHostedZoneId: Z26RNL4JYFTOTI
  CreatedTime: '2020-11-17T13:04:08.115000+00:00'
  DNSName: mysfits-nlb-8de212d1ee411720.elb.us-east-1.amazonaws.com
  IpAddressType: ipv4
  LoadBalancerArn: arn:aws:elasticloadbalancing:us-east-1:9599101433
  LoadBalancerName: mysfits-nlb
  Scheme: internet-facing
  State:
    Code: provisioning
  Type: network
  VpcId: vpc-0011729aeebeb8796
```

TERMINAL PROBLEMS 1 OUTPUT DEBUG CONSOLE 1: bash

```
MacBook-Air-nikita:IaC-Mythical-Misfits nkdchck$ aws elbv2 create-load-balancer --name mysfits-nlb --scheme internet-facing --type network --subnets subnet-0df7402f5212e7f0c subnet-0a7416f0deff8ec25 > ./nlb-output.json
```

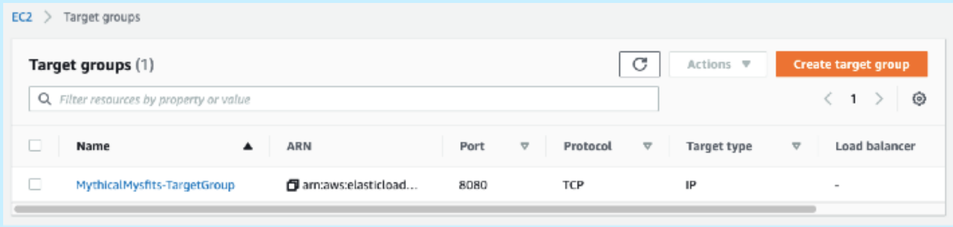


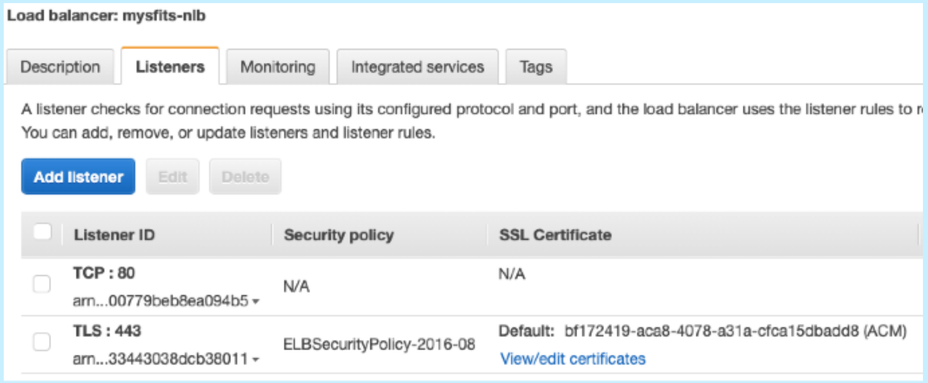
target-group-output.json

```
iac > IaC-Mythical-Misfits > {} target-group-output.json
TargetGroups:
- HealthCheckEnabled: true
  HealthCheckIntervalSeconds: 10
  HealthCheckPath: /
  HealthCheckPort: traffic-port
  HealthCheckProtocol: HTTP
  HealthCheckTimeoutSeconds: 6
  HealthyThresholdCount: 3
  Matcher:
    HttpCode: 200-399
  Port: 8080
  Protocol: TCP
  TargetGroupArn: arn:aws:elasticloadbalancing:
  TargetGroupName: MythicalMysfits-TargetGroup
  TargetType: ip
  UnhealthyThresholdCount: 3
  VpcId: vpc-0011729aeebeb8796
```

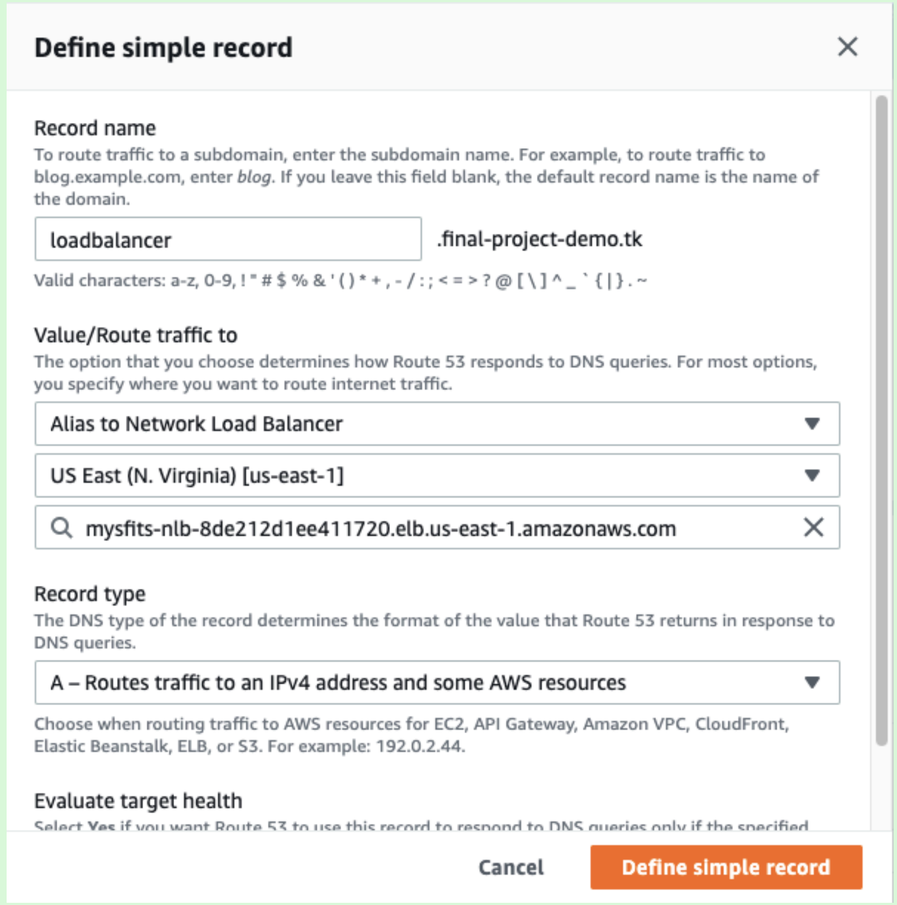
TERMINAL PROBLEMS 1 OUTPUT DEBUG CONSOLE 1: bash

```
loadbalancing:us-east-1:959910143348:targetgroup/MythicalMysfits/9fb78d2592321f60,Type=forward --load-balancer-arn
MacBook-Air-nikita:IaC-Mythical-Misfits nkdchck$ aws elbv2 create-target-group --name MythicalMysfits-TargetGroup --port 8080 --protocol TCP --target-type ip --vpc-id vpc-0011729aeebeb8796 --health-check-interval-seconds 10 --health-check-path / --health-check-protocol HTTP --healthy-threshold-count 3 --unhealthy-threshold-count 3 > ./target-group-output.json
```





AWS ROUTE 53 SUBDOMAIN FOR ELB SETUP



Record name	Type	Routing policy	Differentiator	Alias	Value/Route traffic to	TTL (seconds)
final-project-demo.tk	A	Simple	-	Yes	d1smmdq2ny3q3m.cloudfront.net.	-
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
final-project-demo.tk	SOA	Simple	-	No	ns-502.awsdns-62.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400	900
_a0b370581928c82fdba3f560a4554fd7.final-project-demo.tk	CNAME	Simple	-	No	_8e29fb7ee7f4263fad8462f1df81408c.wggjkglgrm.acm-validations.aws.	300
loadbalancer.final-project-demo.tk	A	Simple	-	Yes	mysfits-nlb-8de212d1ee411720.elb.us-east-1.amazonaws.com.	-