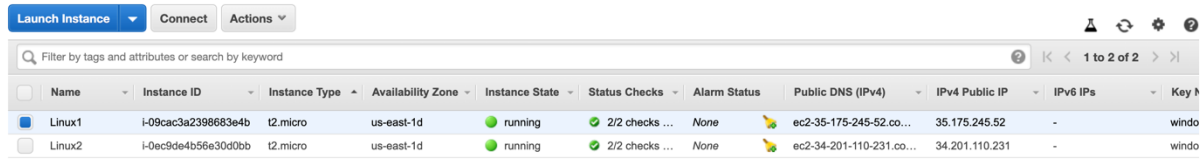
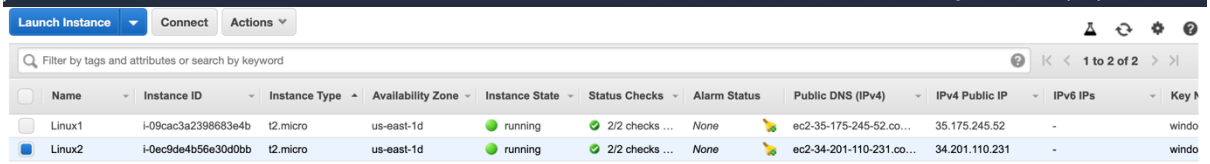
Assignment/Project Day 4 | 24th August 2020

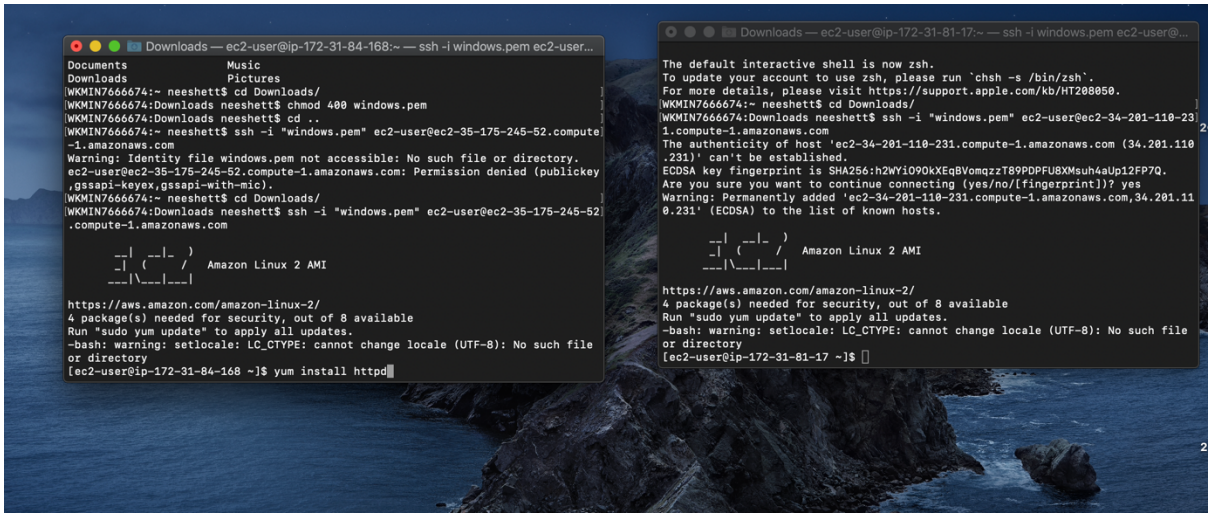
Project 3

Step1: Create two linux instances,Use the first free linux AMI

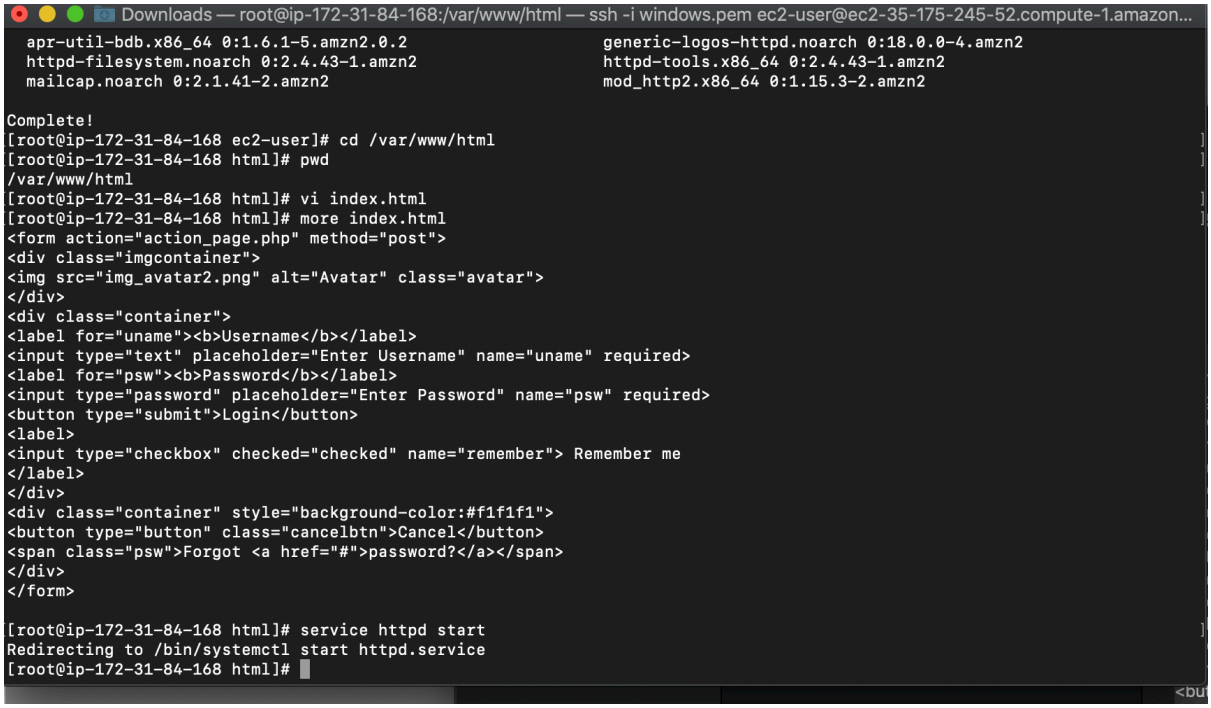


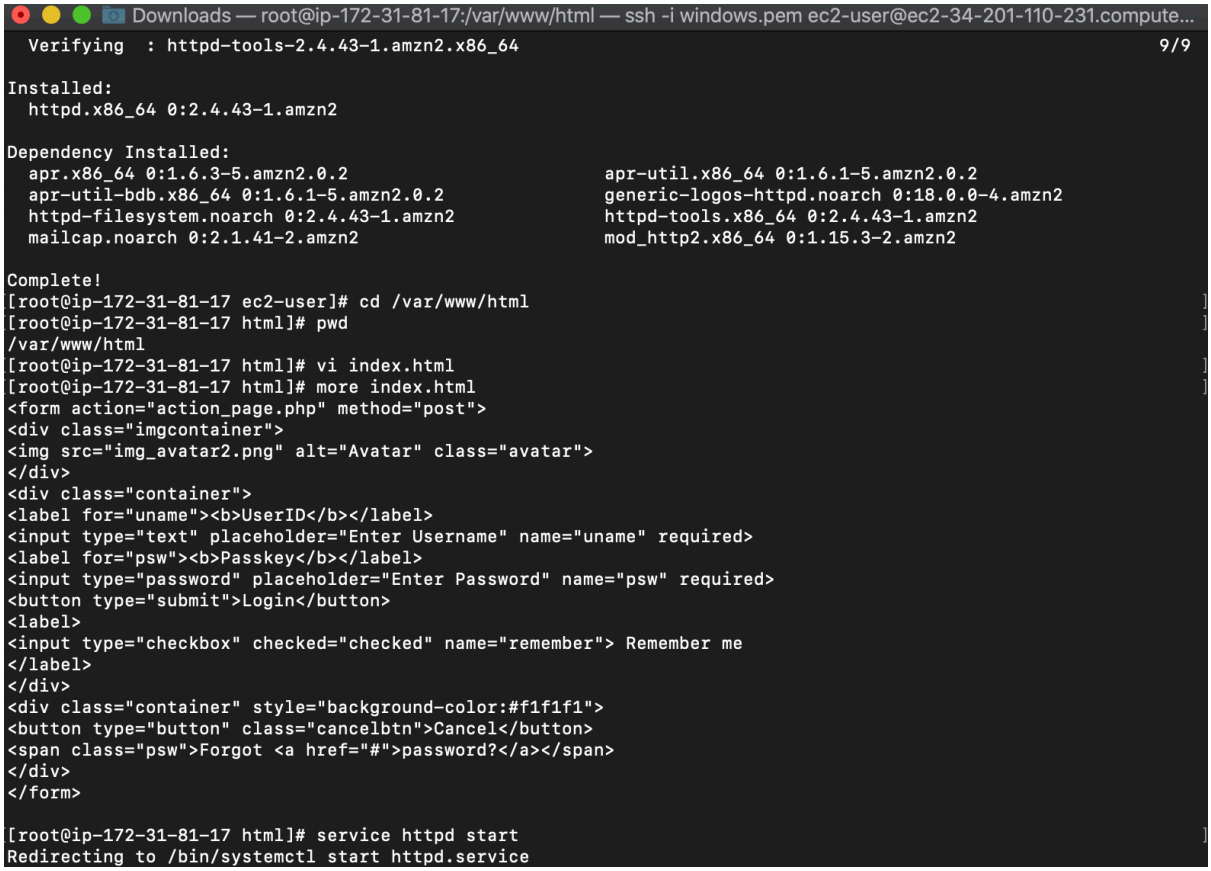


Step2: Launch both instances using Terminal



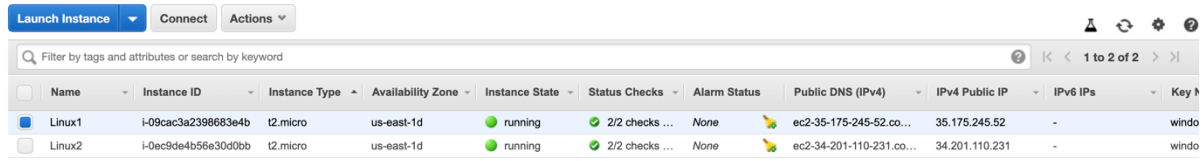
Step4: Host html login webpage on both servers





Step5: Check if the application is deployed on both servers by copy pasting the public ip of the servers into
the browser.

Linux1 :


Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name
Instance ID
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
IPv4 Public IP
IPv6 IPs
Linux1
i-09cac3a2398683e4b
t2.micro
us-east-1d
running
2/2 checks ...
None
ec2-35-175-245-52.co...
35.175.245.52
-
Linux2
i-0ec9de4b56e30d0bb
t2.micro
us-east-1d
running
2/2 checks ...
None
ec2-34-201-110-231.co...
34.201.110.231
-

Instance: i-09cac3a2398683e4b (Linux1)
Public DNS: ec2-35-175-245-52.compute-1.amazonaws.com
Description
Status Checks
Monitoring
Tags
Instance ID
i-09cac3a2398683e4b
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for recommendations. Learn more
Private DNS
ip-172-31-84-168.ec2.internal
Public DNS (IPv4)
ec2-35-175-245-52.compute-1.amazonaws.com
IPv4 Public IP
35.175.245.52
IPv6 IPs
-
Elastic IPs
Availability zone
us-east-1d
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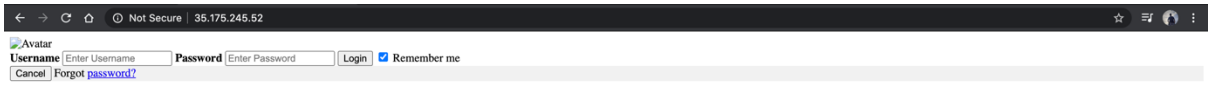
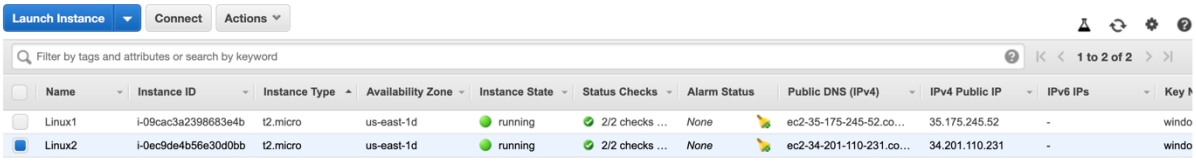
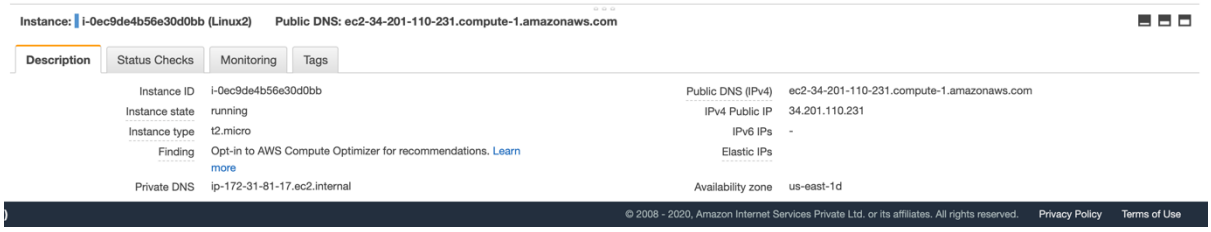
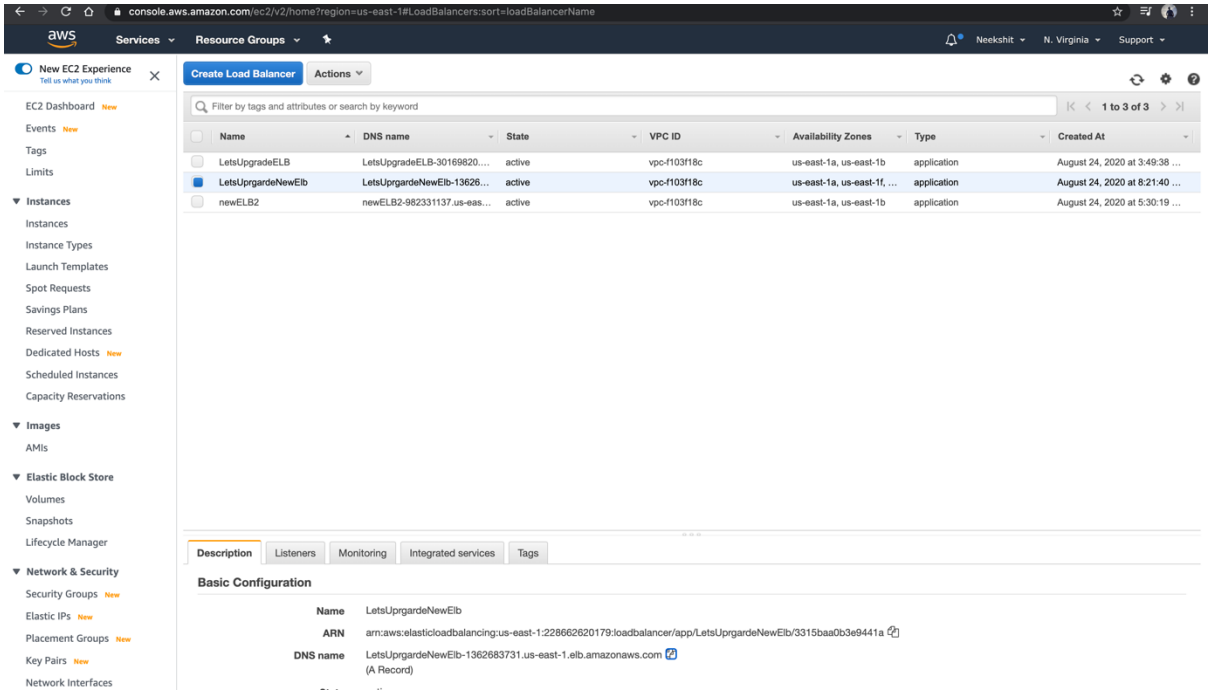

Not Secure
35.175.245.52
Avatar
Username
Enter Username
Password
Enter Password
Login
Remember me
Cancel
Forgot password?

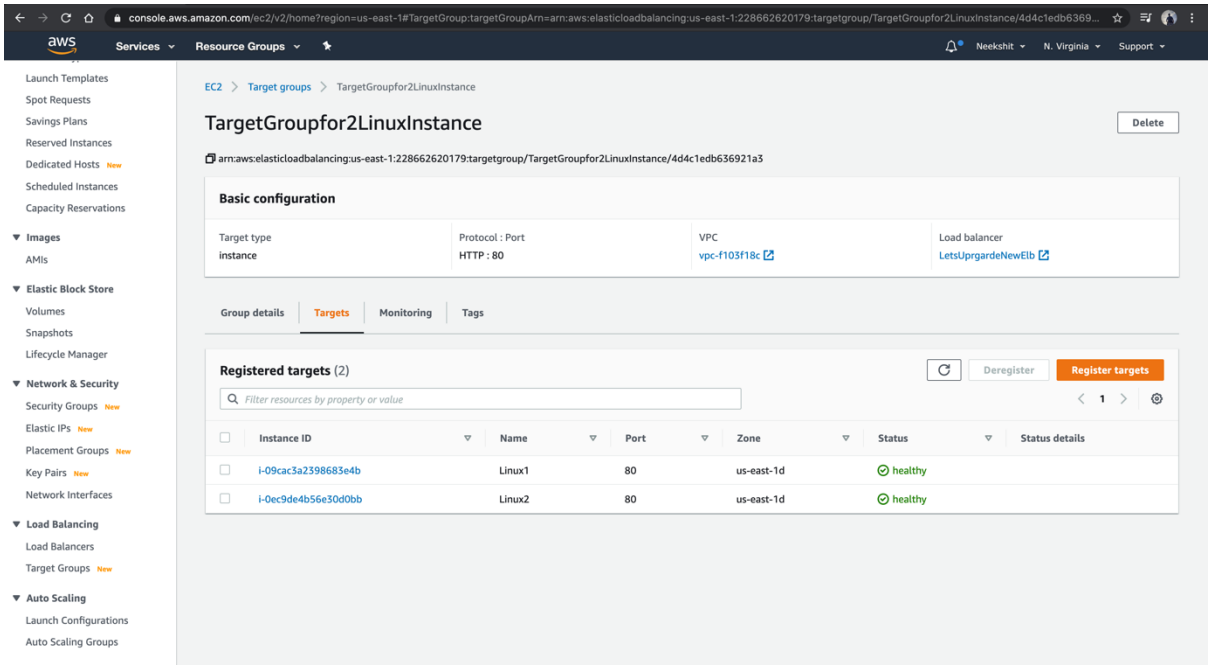
Linux2 :



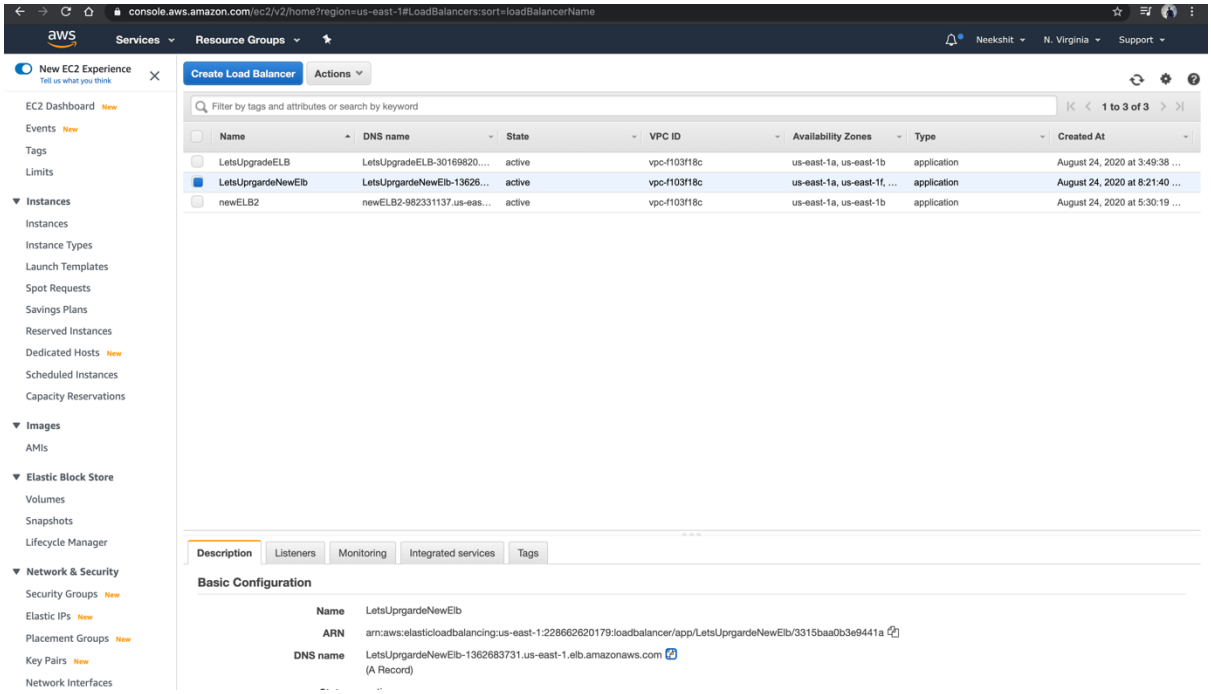


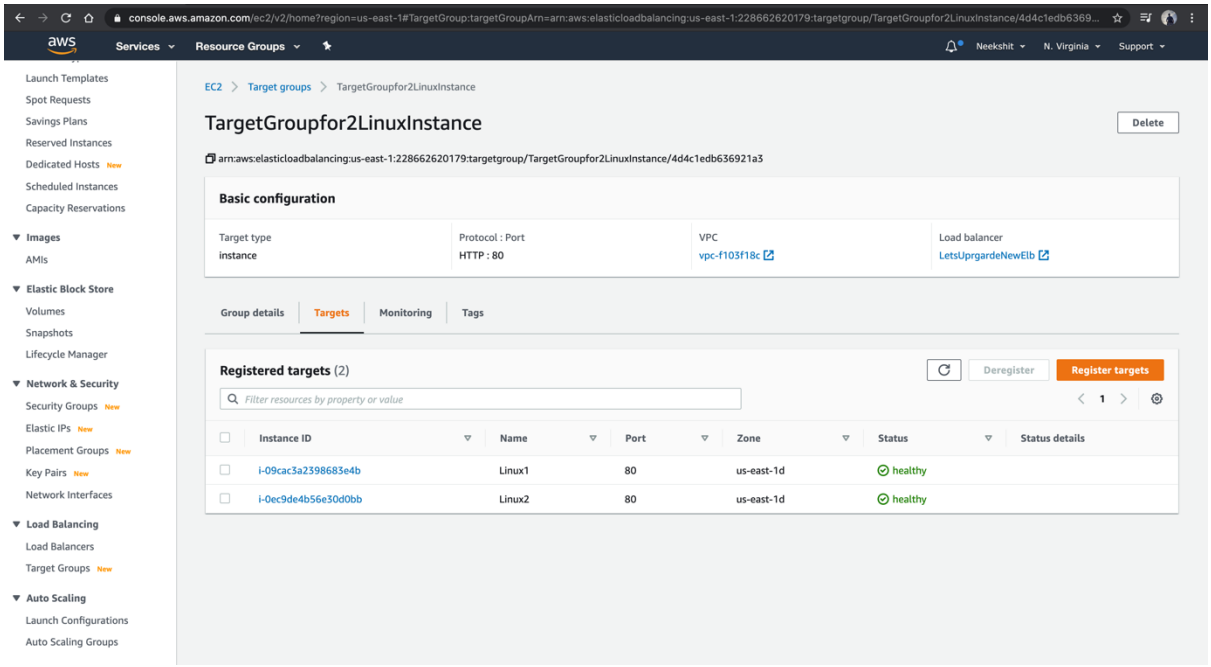
Step6: Create a application Load balancer with the above two instances as targets





Step7:Check the functioning of ELB


console.aws.amazon.com/ec2/v2/home?region=us-east-1#LoadBalancers:sort=loadBalancerName
Services
Resource Groups
Neekshit
N. Virginia
Support
New EC2 Experience
Tell us what you think
Create Load Balancer
Actions
EC2 Dashboard New
Events New
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Scheduled Instances
Capacity Reservations
Images
AMIs
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups New
Elastic IPs New
Placement Groups New
Key Pairs New
Network Interfaces
Filter by tags and attributes or search by keyword
1 to 3 of 3
Name
DNS name
State
VPC ID
Availability Zones
Type
Created At
LetsUpgradeELB
LetsUpgradeELB-30169820....
active
vpc-f103f18c
us-east-1a, us-east-1b
application
August 24, 2020 at 3:49:38 ...
LetsUprgardeNewElb
LetsUprgardeNewElb-13626...
active
vpc-f103f18c
us-east-1a, us-east-1f, ...
application
August 24, 2020 at 8:21:40 ...
newELB2
newELB2-982331137.us-eas...
active
vpc-f103f18c
us-east-1a, us-east-1b
application
August 24, 2020 at 5:30:19 ...
Description
Listeners
Monitoring
Integrated services
Tags
Basic Configuration
Name
LetsUprgardeNewElb
ARN
arn:aws:elasticloadbalancing:us-east-1:228662620179:loadbalancer/app/LetsUprgardeNewElb/3315baa0b3e9441a
DNS name
LetsUprgardeNewElb-1362683731.us-east-1.elb.amazonaws.com
(A Record)


console.aws.amazon.com/ec2/v2/home?region=us-east-1#TargetGroup:targetGroupArn=arn:aws:elasticloadbalancing:us-east-1:228662620179:targetgroup/TargetGroupfor2LinuxInstance/4d4c1edb6369...
Services
Resource Groups
Neekshit
N. Virginia
Support
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Scheduled Instances
Capacity Reservations
Images
AMIs
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups New
Elastic IPs New
Placement Groups New
Key Pairs New
Network Interfaces
Load Balancing
Load Balancers
Target Groups New
Auto Scaling
Launch Configurations
Auto Scaling Groups
EC2
Target groups
TargetGroupfor2LinuxInstance
TargetGroupfor2LinuxInstance
Delete
arn:aws:elasticloadbalancing:us-east-1:228662620179:targetgroup/TargetGroupfor2LinuxInstance/4d4c1edb636921a3
Basic configuration
Target type
instance
Protocol : Port
HTTP : 80
VPC
vpc-f103f18c
Load balancer
LetsUprgardeNewElb
Group details
Targets
Monitoring
Tags
Registered targets (2)
Deregister
Register targets
Filter resources by property or value
1
Instance ID
Name
Port
Zone
Status
Status details
i-09cac3a2398683e4b
Linux1
80
us-east-1d
healthy
i-0ec9de4b56e30d0bb
Linux2
80
us-east-1d
healthy

Not Secure | letsuprgardenewelb-1362683731.us-east-1.elb.amazonaws.com
Avatar
Username Enter Username Password Enter Password Login Remember me
Cancel Forgot password?

Not Secure | letsuprgardenewelb-1362683731.us-east-1.elb.amazonaws.com
Avatar
UserID Enter Username Passkey Enter Password Login Remember me
Cancel Forgot password?