

## Task 19 Network Load balancer - hands on

Create 2 instance and change port no for both one for 84 and another 85

Change the port no in security group also

The screenshot shows the AWS EC2 Instances page with two instances listed:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
nlb1	i-0e78adcb04be9d1b	Running	t3.micro	3/3 checks passed	View alarms +	ap-southeast-2c	ec2-15-134
nlb2	i-0c92bdb3295e6b5c	Running	t3.micro	Initializing	View alarms +	ap-southeast-2c	ec2-13-210

Below the instances, a terminal window is open showing the root shell of an Amazon Linux 2023 instance. The terminal output includes:

```
# Amazon Linux 2023
#
# https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-19-198 ~]$ sudo su
[root@ip-172-31-19-198 ec2-user]# nano /etc/httpd/conf/httpd.conf
[root@ip-172-31-19-198 ec2-user]# systemctl restart httpd
[root@ip-172-31-19-198 ec2-user]# systemctl restart httpd
```

## Create 2 target group and create load balancer in nlb

The screenshot shows the AWS EC2 Target Groups page. The left sidebar navigation includes:

- Elastic Block Store (Volumes, Snapshots, Lifecycle Manager)
- Network & Security (Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces)
- Load Balancing (Load Balancers, **Target Groups**, Trust Stores)
- Auto Scaling (Auto Scaling Groups, Settings)

The main content area displays the "Target groups (2) Info" table:

Name	ARN	Port	Protocol	Target type	Load balancer	VPC ID
nlbtg2	arn:aws:elasticloadbalancing:ap-southeast-2:9473-0977-8595:targetgroup/nlbtg2	85	TCP	Instance	None associated	vpc-0674d4
nlbtg1	arn:aws:elasticloadbalancing:ap-southeast-2:9473-0977-8595:targetgroup/nlbtg1	84	TCP	Instance	None associated	vpc-0674d4

Below the table, a message states: "0 target groups selected" and "Select a target group above."

**Now copy the dns paste in browser in the end 84 and 85 u see the output**

