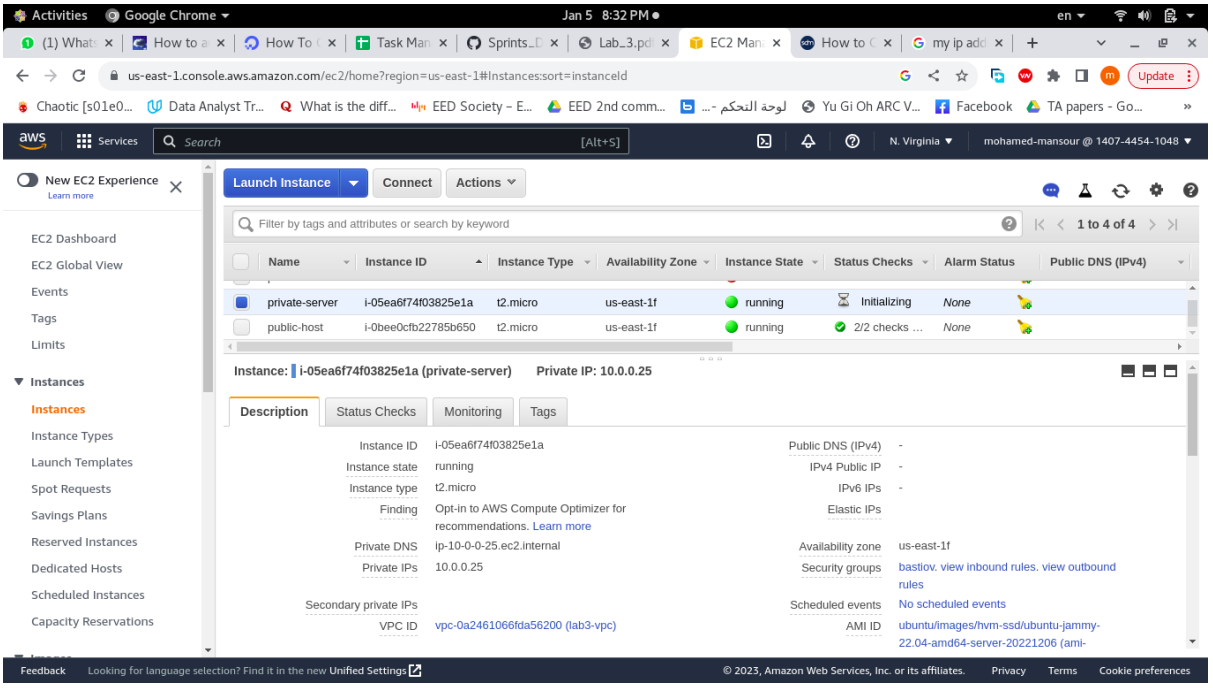
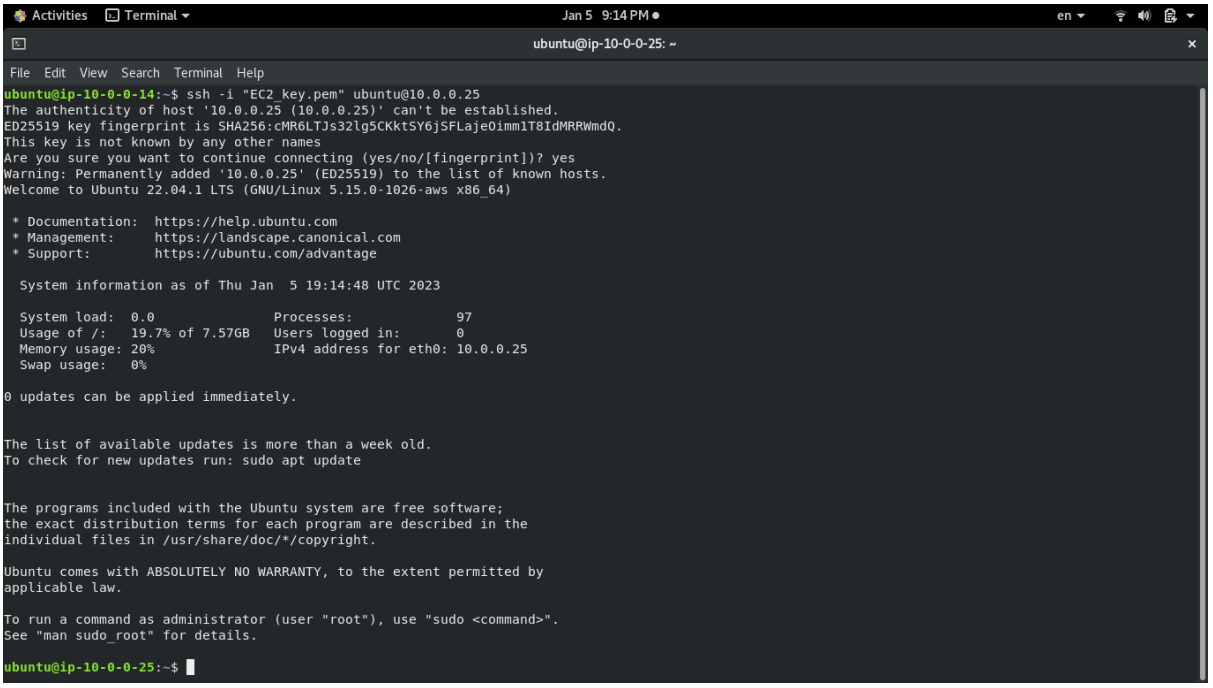
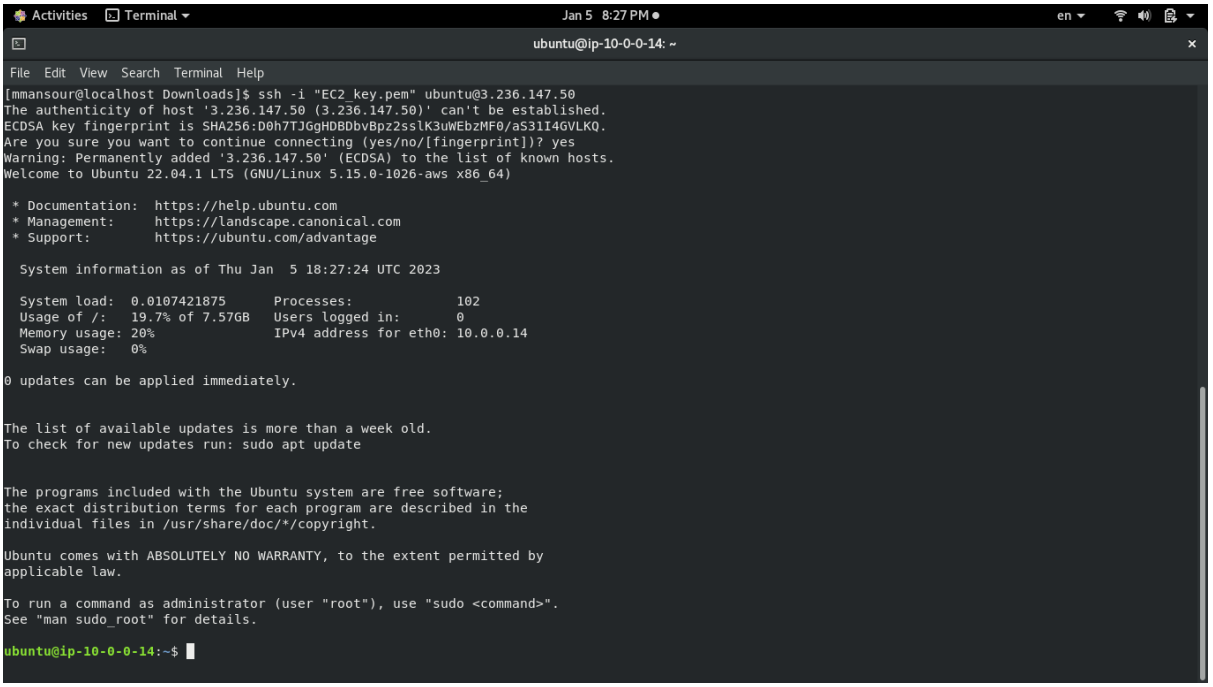
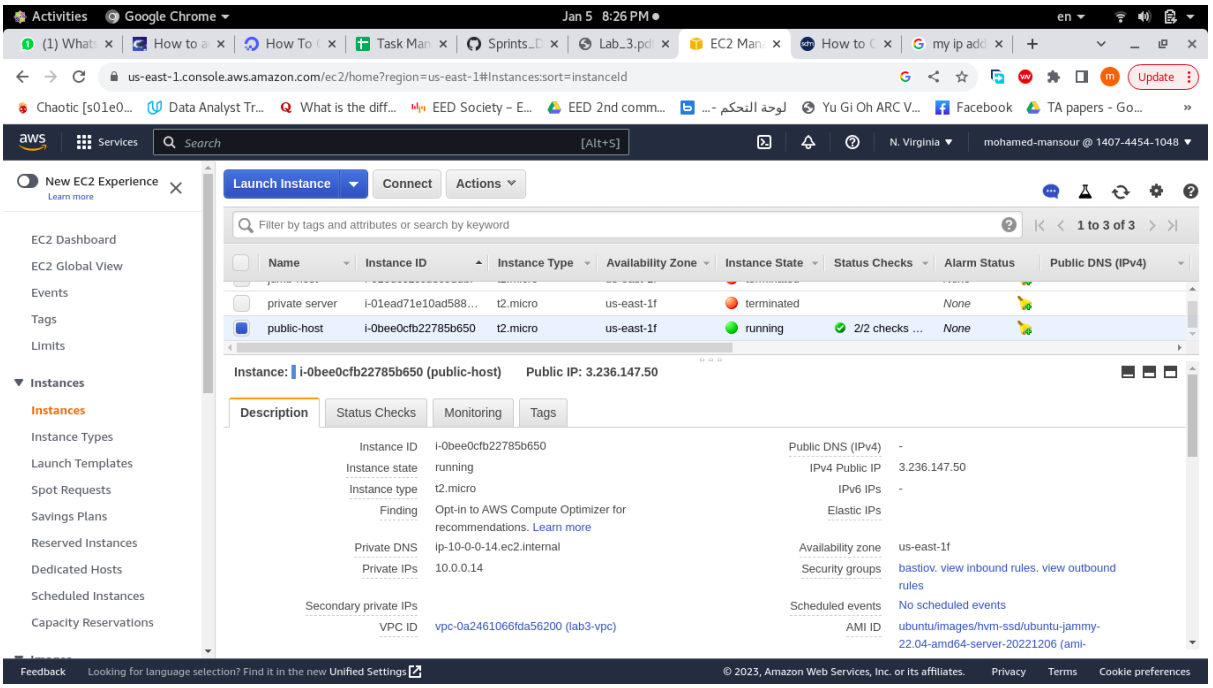
1- Launch a jump host Take a screen while you are ssh to the jumphost Also When you ssh from bastion to the private machine Screenshot from the console showing the instances Ips

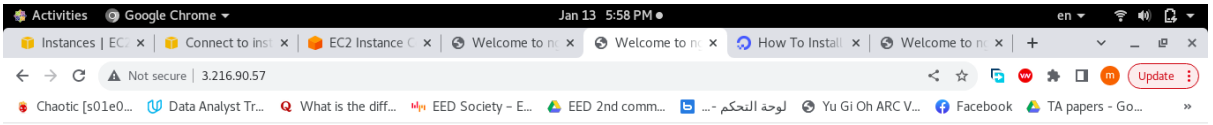








2- Implement the below diagram then take a screenshot while you put dns of the load balancer into the browser and it returns a response from the 2 apache instatnces Also Screenshot from the console showing the machines BE WS have private Ips And finally a screenshot showing the targets of the 2 loadbalancers target groups are healthy

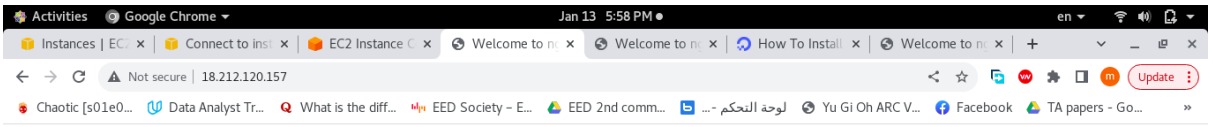


Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.



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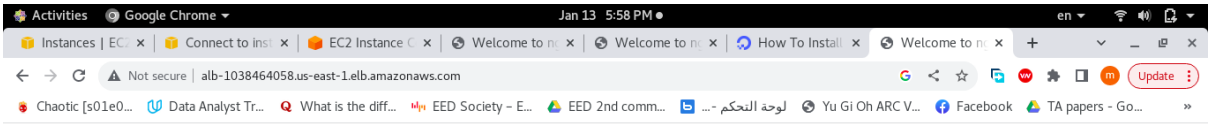
Thank you for using nginx.



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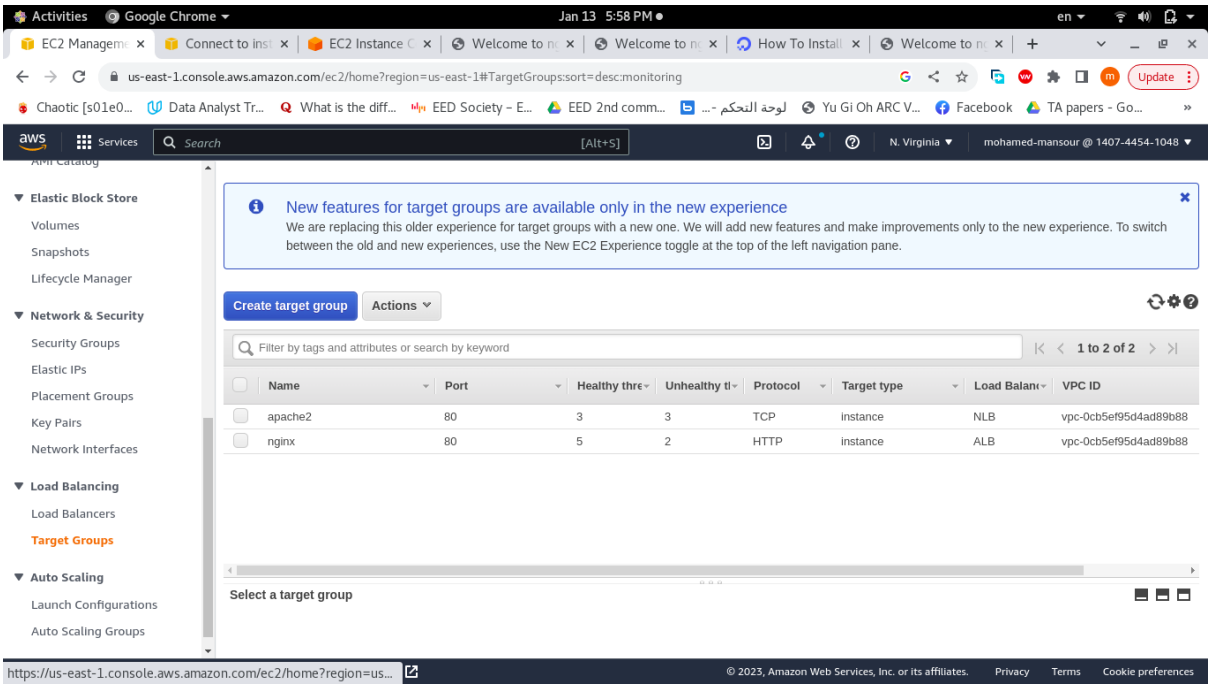

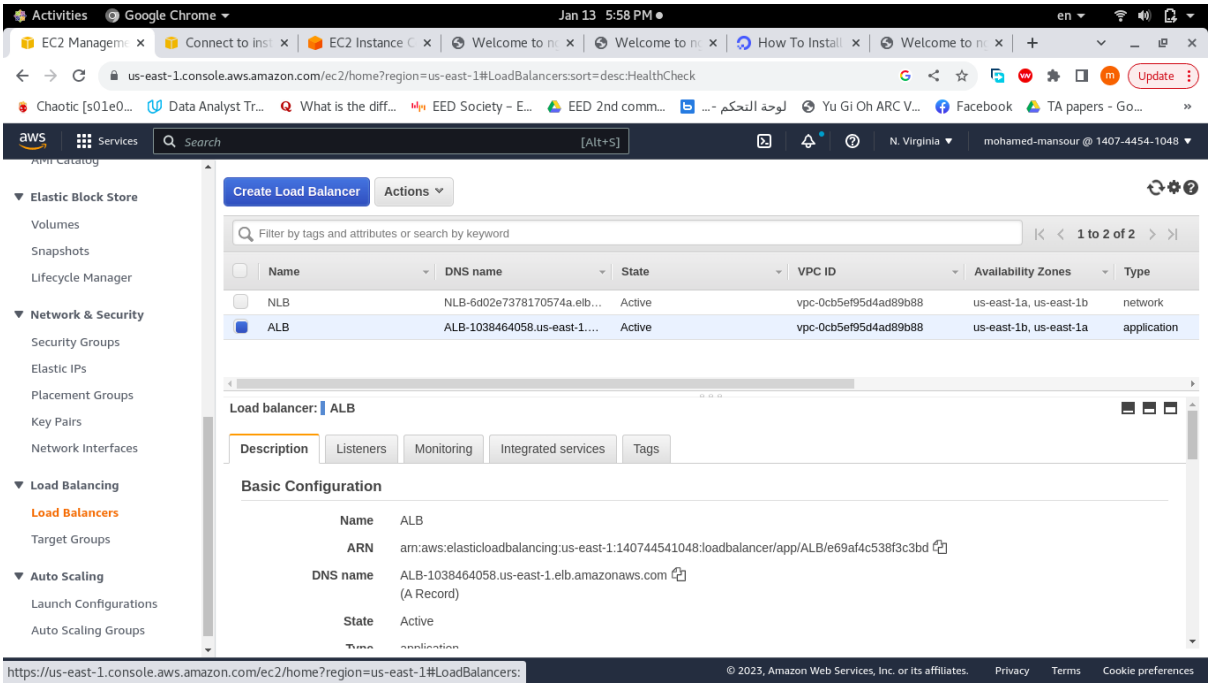
Activities
Google Chrome
Jan 13 5:58 PM
en
EC2 Managem
Connect to inst
EC2 Instance C
Welcome to n
Welcome to n
How To Install
Welcome to n
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LoadBalancers:sort=desc:HealthCheck
Update
Chaotic [s01e0...
Data Analyst Tr...
What is the diff...
EED Society – E...
EED 2nd comm...
لوحة التحكم -...
Yu Gi Oh ARC V...
Facebook
TA papers - Go...
aws
Services
Search
[Alt+S]
N. Virginia
mohamed-mansour @ 1407-4454-1048
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
Auto Scaling
Launch Configurations
Auto Scaling Groups
Create Load Balancer
Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name
DNS name
State
VPC ID
Availability Zones
Type
NLB
NLB-6d02e7378170574a.elb...
Active
vpc-0cb5ef95d4ad89b88
us-east-1a, us-east-1b
network
ALB
ALB-1038464058.us-east-1....
Active
vpc-0cb5ef95d4ad89b88
us-east-1b, us-east-1a
application
Load balancer: ALB
Description
Listeners
Monitoring
Integrated services
Tags
Basic Configuration
Name
ALB
ARN
arn:aws:elasticloadbalancing:us-east-1:140744541048:loadbalancer/app/ALB/e69af4c538f3c3bd
DNS name
ALB-1038464058.us-east-1.elb.amazonaws.com
(A Record)
State
Active
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LoadBalancers:
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Privacy
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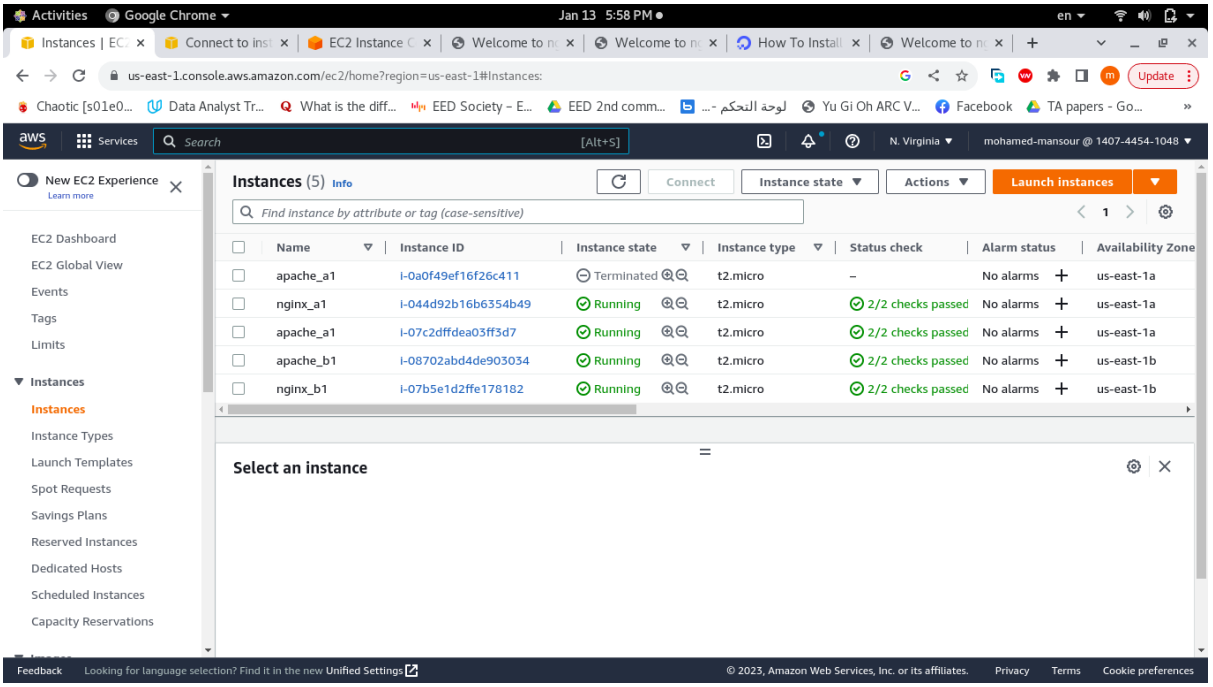
Cookie preferences


Activities
Google Chrome
Jan 13 5:58 PM
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
mohamed-mansour @ 1407-4454-1048
New EC2 Experience
Learn more
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Instances (5) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
apache_a1 i-0a0f49ef16f26c411 Terminated t2.micro – No alarms us-east-1a
nginx_a1 i-044d92b16b6354b49 Running t2.micro 2/2 checks passed No alarms us-east-1a
apache_a1 i-07c2dffdea03ff3d7 Running t2.micro 2/2 checks passed No alarms us-east-1a
apache_b1 i-08702abd4de903034 Running t2.micro 2/2 checks passed No alarms us-east-1b
nginx_b1 i-07b5e1d2ffe178182 Running t2.micro 2/2 checks passed No alarms us-east-1b
Select an instance
Feedback
Looking for language selection? Find it in the new Unified Settings
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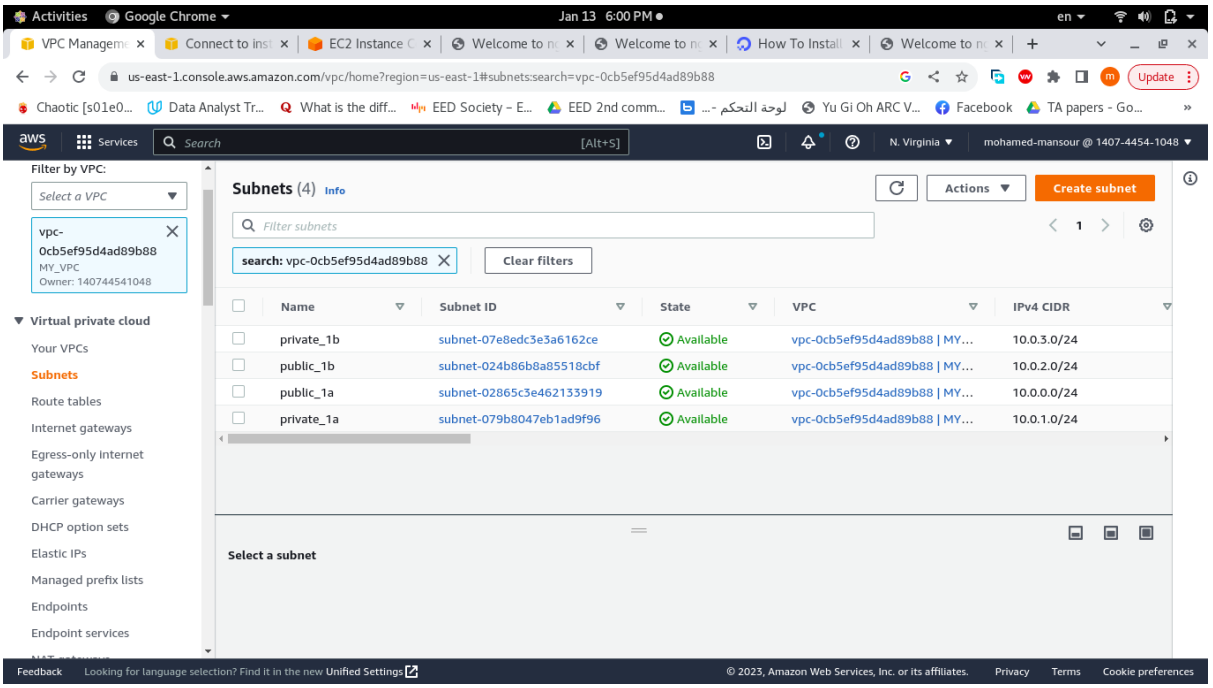
Activities
Google Chrome
Jan 13 6:00 PM
us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#subnets:search=vpc-0cb5ef95d4ad89b88
Services
Search
[Alt+S]
N. Virginia
mohamed-mansour @ 1407-4454-1048
Filter by VPC:
Select a VPC
vpc-0cb5ef95d4ad89b88
MY_VPC
Owner: 140744541048
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
Subnets (4) Info
Actions
Create subnet
Filter subnets
search: vpc-0cb5ef95d4ad89b88
Clear filters
Name
Subnet ID
State
VPC
IPv4 CIDR
private_1b subnet-07e8edc3e3a6162ce Available vpc-0cb5ef95d4ad89b88 | MY... 10.0.3.0/24
public_1b subnet-024b86b8a85518cbf Available vpc-0cb5ef95d4ad89b88 | MY... 10.0.2.0/24
public_1a subnet-02865c3e462133919 Available vpc-0cb5ef95d4ad89b88 | MY... 10.0.0.0/24
private_1a subnet-079b8047eb1ad9f96 Available vpc-0cb5ef95d4ad89b88 | MY... 10.0.1.0/24
Select a subnet
Feedback
Looking for language selection? Find it in the new Unified Settings
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