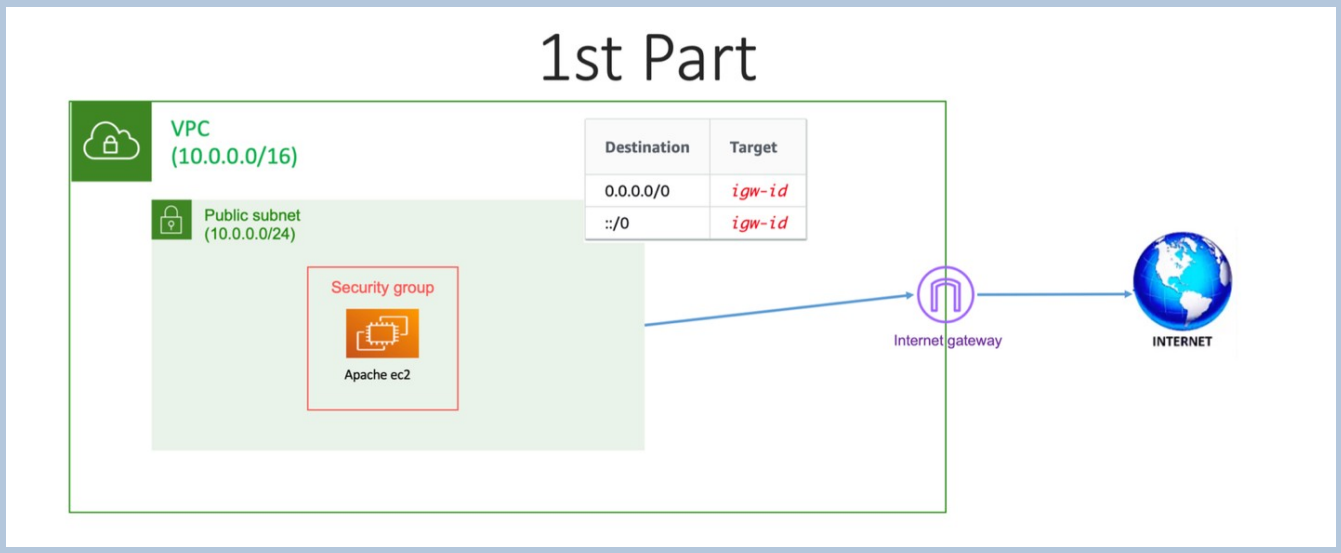
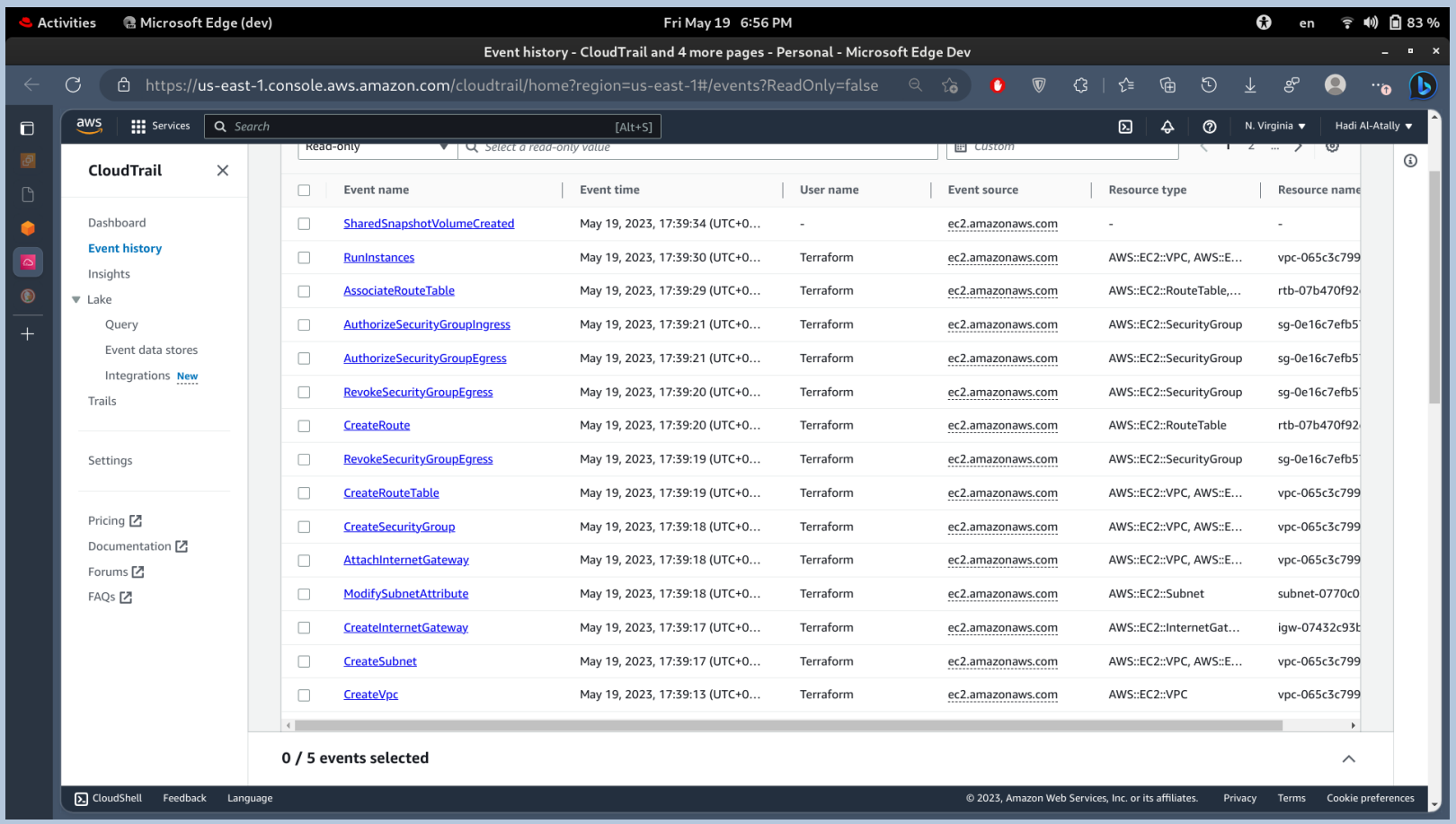
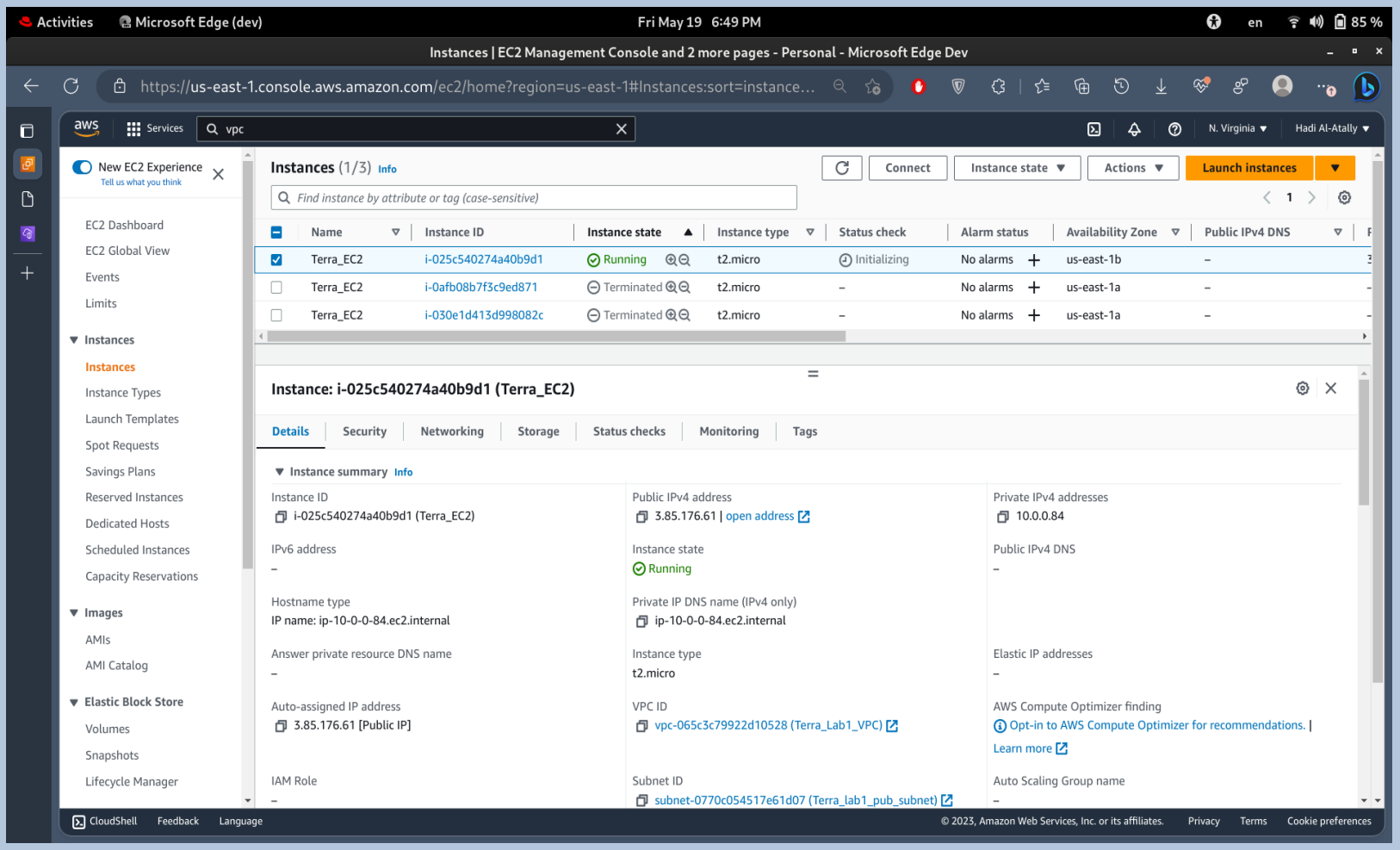


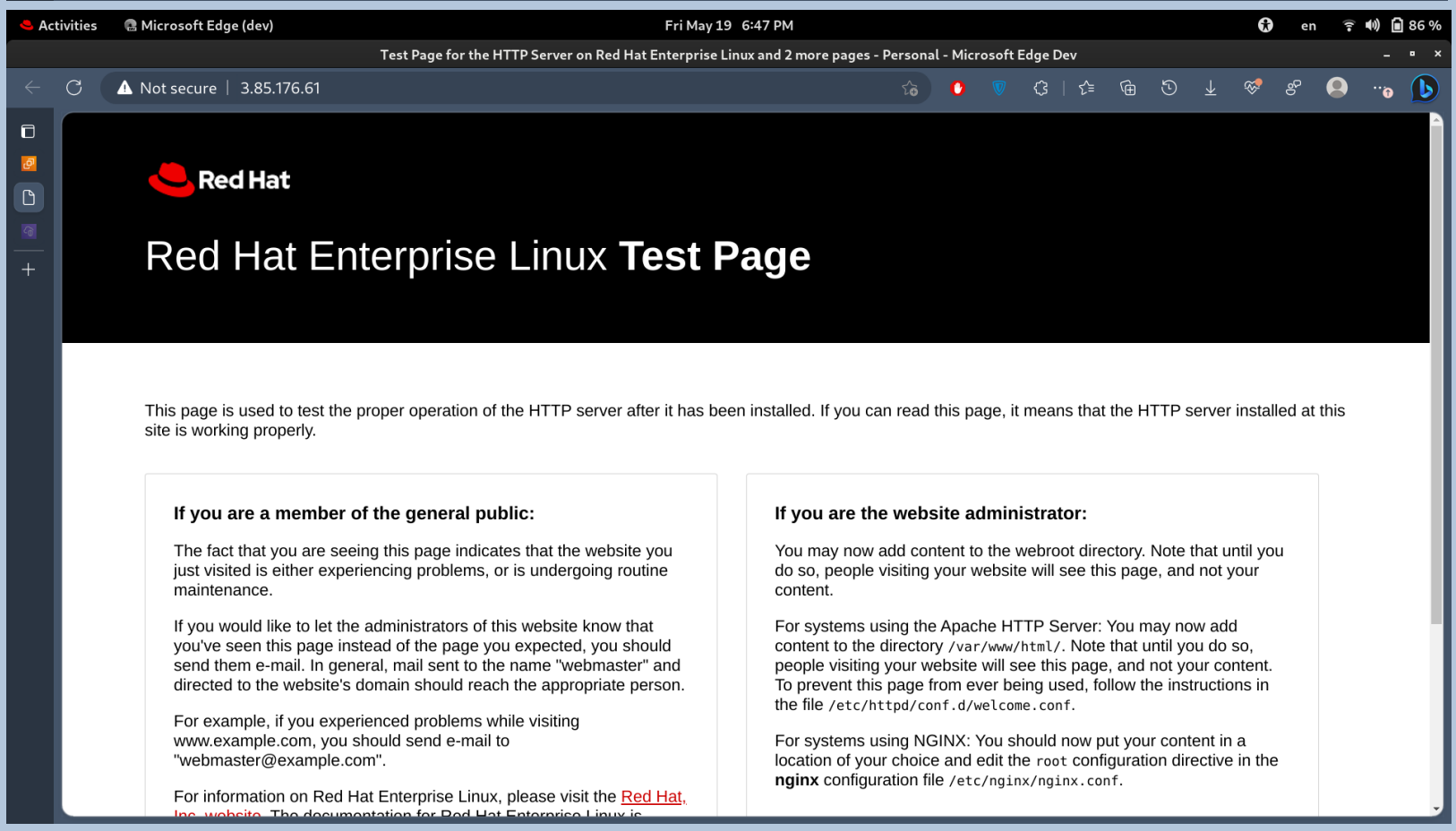
Youtube Link for solution video:

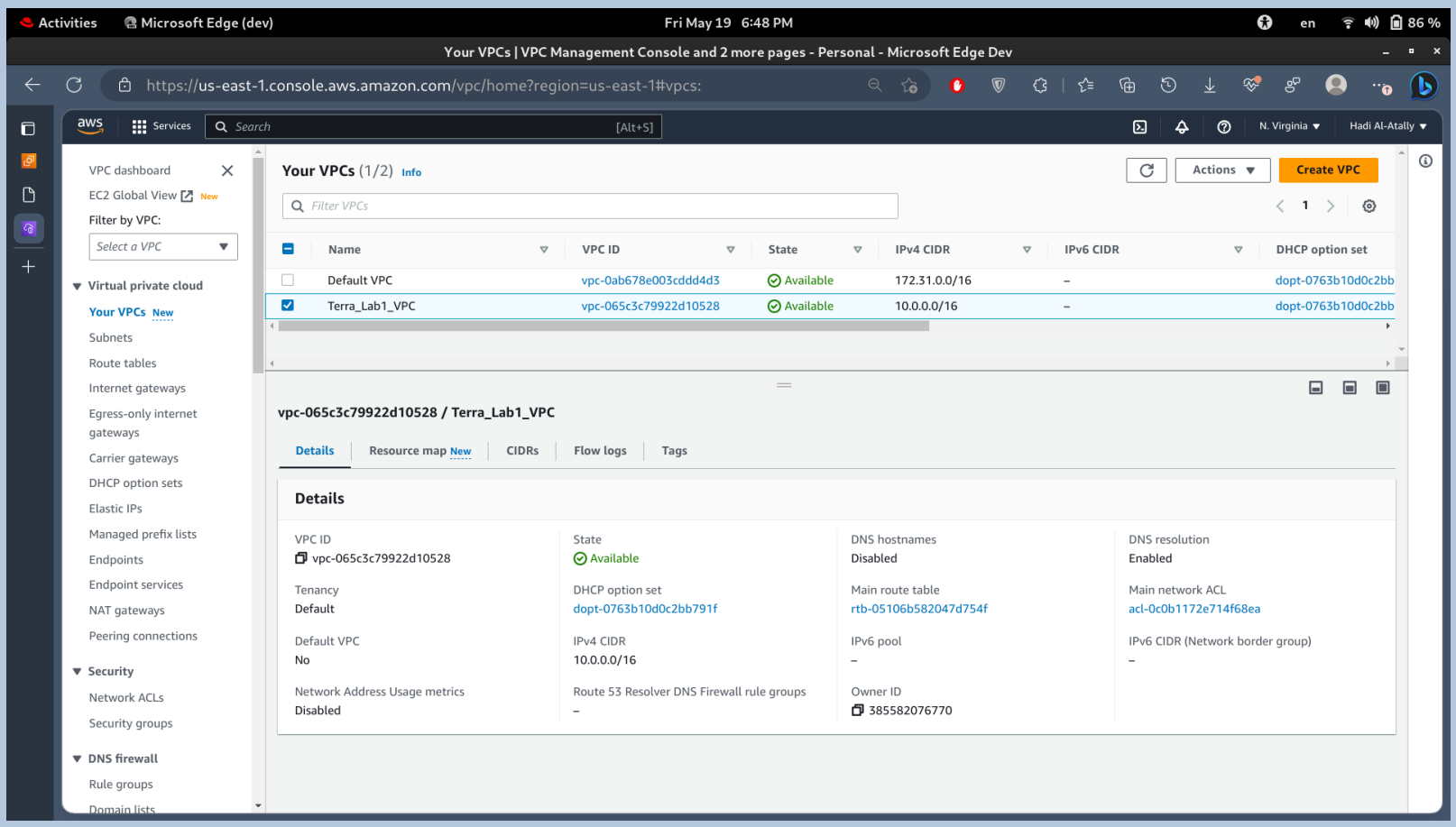
https://youtu.be/XCUoyvdzIcw

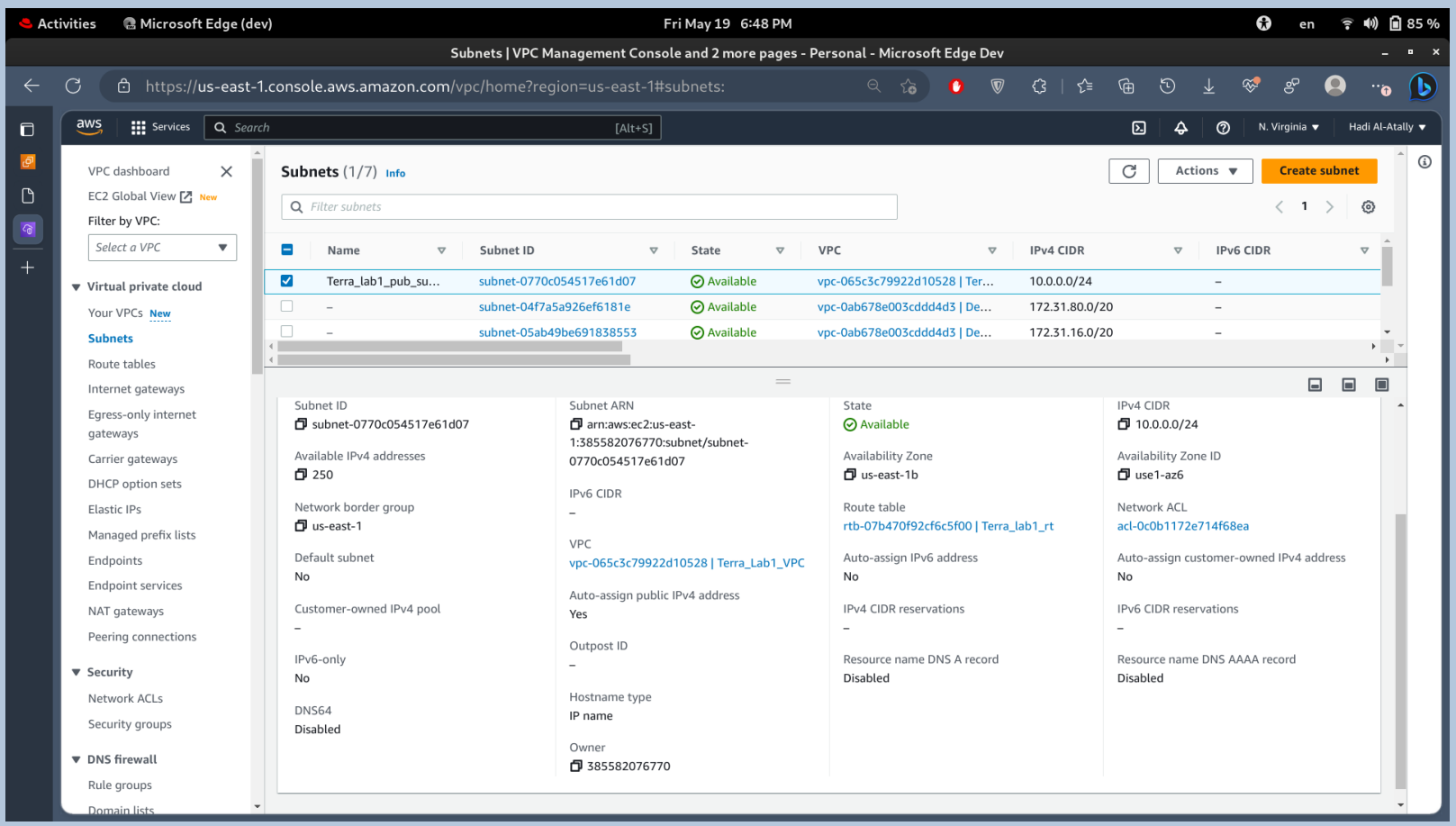
Solution screenshots:-

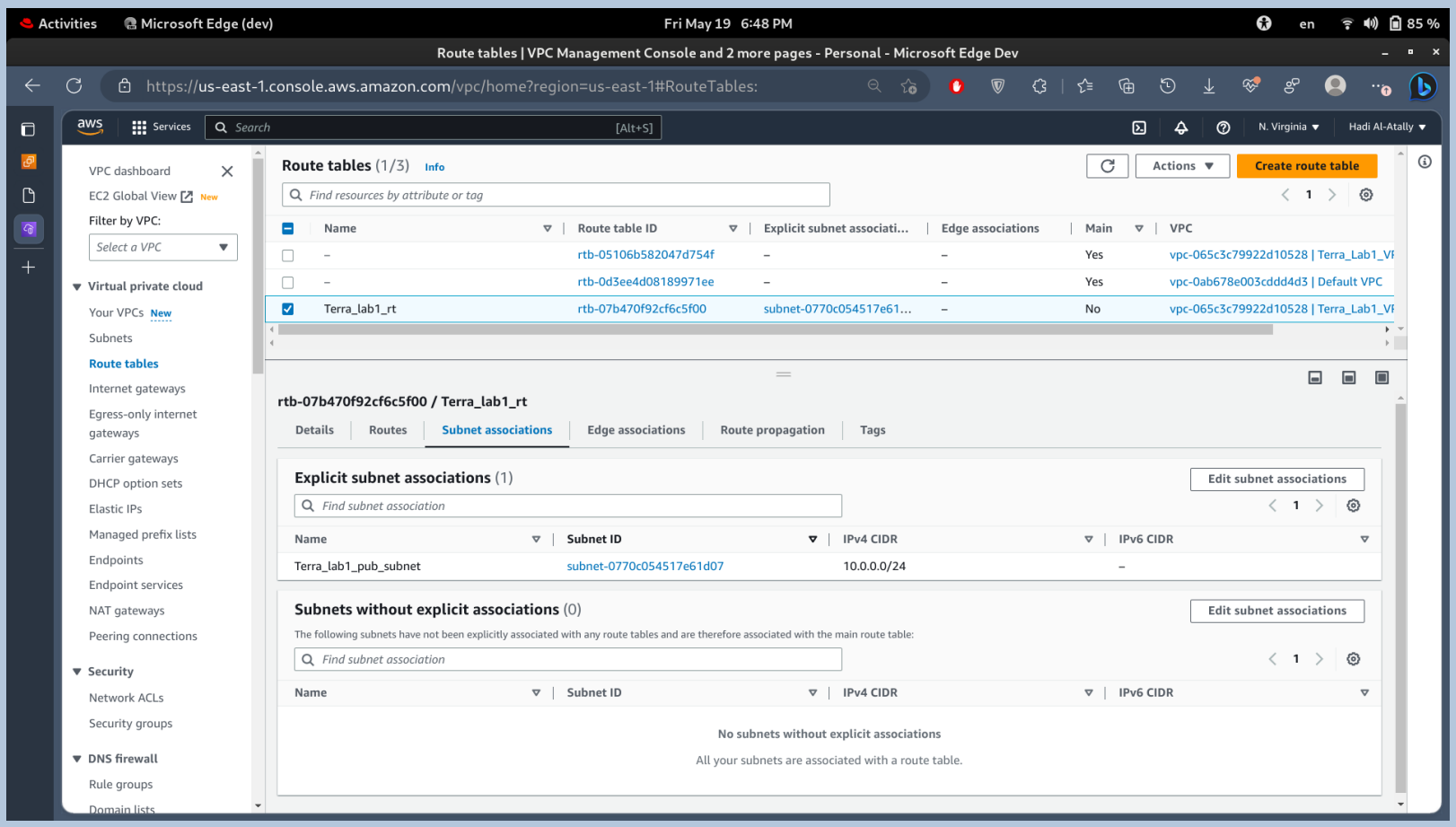


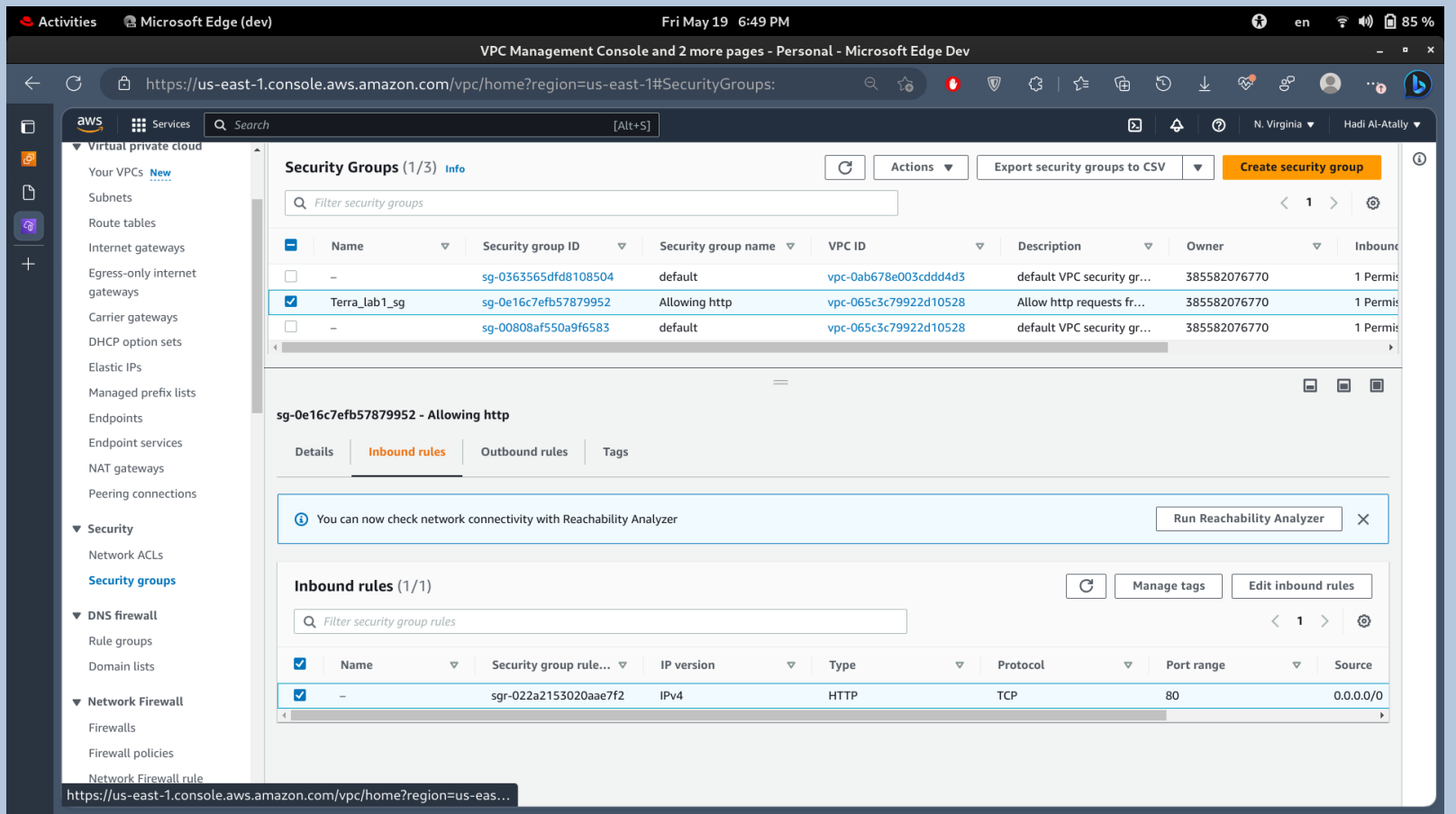

Activities
Microsoft Edge (dev)
Fri May 19 6:49 PM
en
85 %
Instances | EC2 Management Console and 2 more pages - Personal - Microsoft Edge Dev
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:sort=instance...
Services
vpc
N. Virginia
Hadi Al-Atally
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Instances (1/3) 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
Public IPv4 DNS
Terra_EC2 i-025c540274a40b9d1 Running t2.micro Initializing No alarms us-east-1b
Terra_EC2 i-0afb08b7f3c9ed871 Terminated t2.micro No alarms us-east-1a
Terra_EC2 i-030e1d413d998082c Terminated t2.micro No alarms us-east-1a
Instance: i-025c540274a40b9d1 (Terra_EC2)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-025c540274a40b9d1 (Terra_EC2)
Public IPv4 address
3.85.176.61 | open address
Private IPv4 addresses
10.0.0.84
IPv6 address
Instance state
Running
Public IPv4 DNS
Hostname type
IP name: ip-10-0-0-84.ec2.internal
Private IP DNS name (IPv4 only)
ip-10-0-0-84.ec2.internal
Answer private resource DNS name
Instance type
t2.micro
Elastic IP addresses
Auto-assigned IP address
3.85.176.61 [Public IP]
VPC ID
vpc-065c3c79922d10528 (Terra_Lab1_VPC)
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations.
Learn more
IAM Role
Subnet ID
subnet-0770c054517e61d07 (Terra_lab1_pub_subnet)
Auto Scaling Group name
CloudShell
Feedback
Language
© 2023, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences


Activities
Microsoft Edge (dev)
Fri May 19 6:47 PM
en
86 %
Test Page for the HTTP Server on Red Hat Enterprise Linux and 2 more pages - Personal - Microsoft Edge Dev
Not secure | 3.85.176.61
Red Hat
Red Hat Enterprise Linux Test Page
This page is used to test the proper operation of the HTTP server after it has been installed. If you can read this page, it means that the HTTP server installed at this site is working properly.
If you are a member of the general public:
The fact that you are seeing this page indicates that the website you just visited is either experiencing problems, or is undergoing routine maintenance.
If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.
For example, if you experienced problems while visiting www.example.com, you should send e-mail to "webmaster@example.com".
For information on Red Hat Enterprise Linux, please visit the Red Hat, Inc. website. The documentation for Red Hat Enterprise Linux is
If you are the website administrator:
You may now add content to the webroot directory. Note that until you do so, people visiting your website will see this page, and not your content.
For systems using the Apache HTTP Server: You may now add content to the directory /var/www/html/. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file /etc/httpd/conf.d/welcome.conf.
For systems using NGINX: You should now put your content in a location of your choice and edit the root configuration directive in the nginx configuration file /etc/nginx/nginx.conf.


Activities
Microsoft Edge (dev)
Fri May 19 6:48 PM
en
86 %
Your VPCs | VPC Management Console and 2 more pages - Personal - Microsoft Edge Dev
https://us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#vpcs:
Services
Search
[Alt+S]
N. Virginia
Hadi Al-Atally
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
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
NAT gateways
Peering connections
Security
Network ACLs
Security groups
DNS firewall
Rule groups
Domain lists
Your VPCs (1/2) Info
Actions
Create VPC
Filter VPCs
Name
VPC ID
State
IPv4 CIDR
IPv6 CIDR
DHCP option set
Default VPC
vpc-0ab678e003cddd4d3
Available
172.31.0.0/16
dopt-0763b10d0c2bb
Terra_Lab1_VPC
vpc-065c3c79922d10528
Available
10.0.0.0/16
dopt-0763b10d0c2bb
vpc-065c3c79922d10528 / Terra_Lab1_VPC
Details
Resource map New
CIDRs
Flow logs
Tags
Details
VPC ID
vpc-065c3c79922d10528
State
Available
DNS hostnames
Disabled
DNS resolution
Enabled
Tenancy
Default
DHCP option set
dopt-0763b10d0c2bb791f
Main route table
rtb-05106b582047d754f
Main network ACL
acl-0c0b1172e714f68ea
Default VPC
No
IPv4 CIDR
10.0.0.0/16
IPv6 pool
–
IPv6 CIDR (Network border group)
–
Network Address Usage metrics
Disabled
Route 53 Resolver DNS Firewall rule groups
–
Owner ID
385582076770


Activities
Microsoft Edge (dev)
Fri May 19 6:48 PM
en
85 %
Subnets | VPC Management Console and 2 more pages - Personal - Microsoft Edge Dev
https://us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#subnets:
Services
Search
[Alt+S]
N. Virginia
Hadi Al-Atally
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
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
NAT gateways
Peering connections
Security
Network ACLs
Security groups
DNS firewall
Rule groups
Domain lists
Subnets (1/7) Info
Actions
Create subnet
Filter subnets
Name
Subnet ID
State
VPC
IPv4 CIDR
IPv6 CIDR
Terra_lab1_pub_su...
subnet-0770c054517e61d07
Available
vpc-065c3c79922d10528 | Ter...
10.0.0.0/24
subnet-04f7a5a926ef6181e
Available
vpc-0ab678e003cddd4d3 | De...
172.31.80.0/20
subnet-05ab49be691838553
Available
vpc-0ab678e003cddd4d3 | De...
172.31.16.0/20
Subnet ID
subnet-0770c054517e61d07
Subnet ARN
arn:aws:ec2:us-east-1:385582076770:subnet/subnet-0770c054517e61d07
State
Available
IPv4 CIDR
10.0.0.0/24
Available IPv4 addresses
250
Availability Zone
us-east-1b
Availability Zone ID
use1-az6
Network border group
us-east-1
IPv6 CIDR
–
Route table
rtb-07b470f92cf6c5f00 | Terra_lab1_rt
Network ACL
acl-0c0b1172e714f68ea
Default subnet
No
VPC
vpc-065c3c79922d10528 | Terra_Lab1_VPC
Auto-assign IPv6 address
No
Auto-assign customer-owned IPv4 address
No
Customer-owned IPv4 pool
–
Auto-assign public IPv4 address
Yes
IPv4 CIDR reservations
–
IPv6 CIDR reservations
–
IPv6-only
No
Outpost ID
–
Resource name DNS A record
Disabled
Resource name DNS AAAA record
Disabled
DNS64
Disabled
Hostname type
IP name
Owner
385582076770


Activities
Microsoft Edge (dev)
Fri May 19 6:48 PM
en
85 %
Route tables | VPC Management Console and 2 more pages - Personal - Microsoft Edge Dev
https://us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#RouteTables:
Services
Search
[Alt+S]
N. Virginia
Hadi Al-Atally
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
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
NAT gateways
Peering connections
Security
Network ACLs
Security groups
DNS firewall
Rule groups
Domain lists
Route tables (1/3) Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associati...
Edge associations
Main
VPC
rtb-05106b582047d754f
rtb-0d3ee4d08189971ee
Terra_lab1_rt
rtb-07b470f92cf6c5f00
subnet-0770c054517e61...
No
vpc-065c3c79922d10528 | Terra_lab1_rt
vpc-0ab678e003cddd4d3 | Default VPC
rtb-07b470f92cf6c5f00 / Terra_lab1_rt
Details
Routes
Subnet associations
Edge associations
Route propagation
Tags
Explicit subnet associations (1)
Edit subnet associations
Find subnet association
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Terra_lab1_pub_subnet
subnet-0770c054517e61d07
10.0.0.0/24
Subnets without explicit associations (0)
The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:
No subnets without explicit associations
All your subnets are associated with a route table.


Activities
Microsoft Edge (dev)
Fri May 19 6:49 PM
en
85 %
VPC Management Console and 2 more pages - Personal - Microsoft Edge Dev
https://us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#SecurityGroups:
Services
Search
[Alt+S]
N. Virginia
Hadi Al-Atally
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
NAT gateways
Peering connections
Security
Network ACLs
Security groups
DNS firewall
Rule groups
Domain lists
Network Firewall
Firewalls
Firewall policies
Network Firewall rule
Security Groups (1/3) Info
Actions
Export security groups to CSV
Create security group
Filter security groups
Name
Security group ID
Security group name
VPC ID
Description
Owner
sg-0363565dfd8108504
sg-0e16c7efb57879952
sg-00808af550a9f6583
default
Allowing http
vpc-0ab678e003cddd4d3
vpc-065c3c79922d10528
default VPC security gr...
Allow http requests fr...
385582076770
sg-0e16c7efb57879952 - Allowing http
Details
Inbound rules
Outbound rules
Tags
You can now check network connectivity with Reachability Analyzer
Run Reachability Analyzer
Inbound rules (1/1)
Manage tags
Edit inbound rules
Filter security group rules
Name
Security group rule...
IP version
Type
Protocol
Port range
Source
sgr-022a2153020aae7f2
IPv4
HTTP
TCP
80
0.0.0.0/0
https://us-east-1.console.aws.amazon.com/vpc/home?region=us-eas...