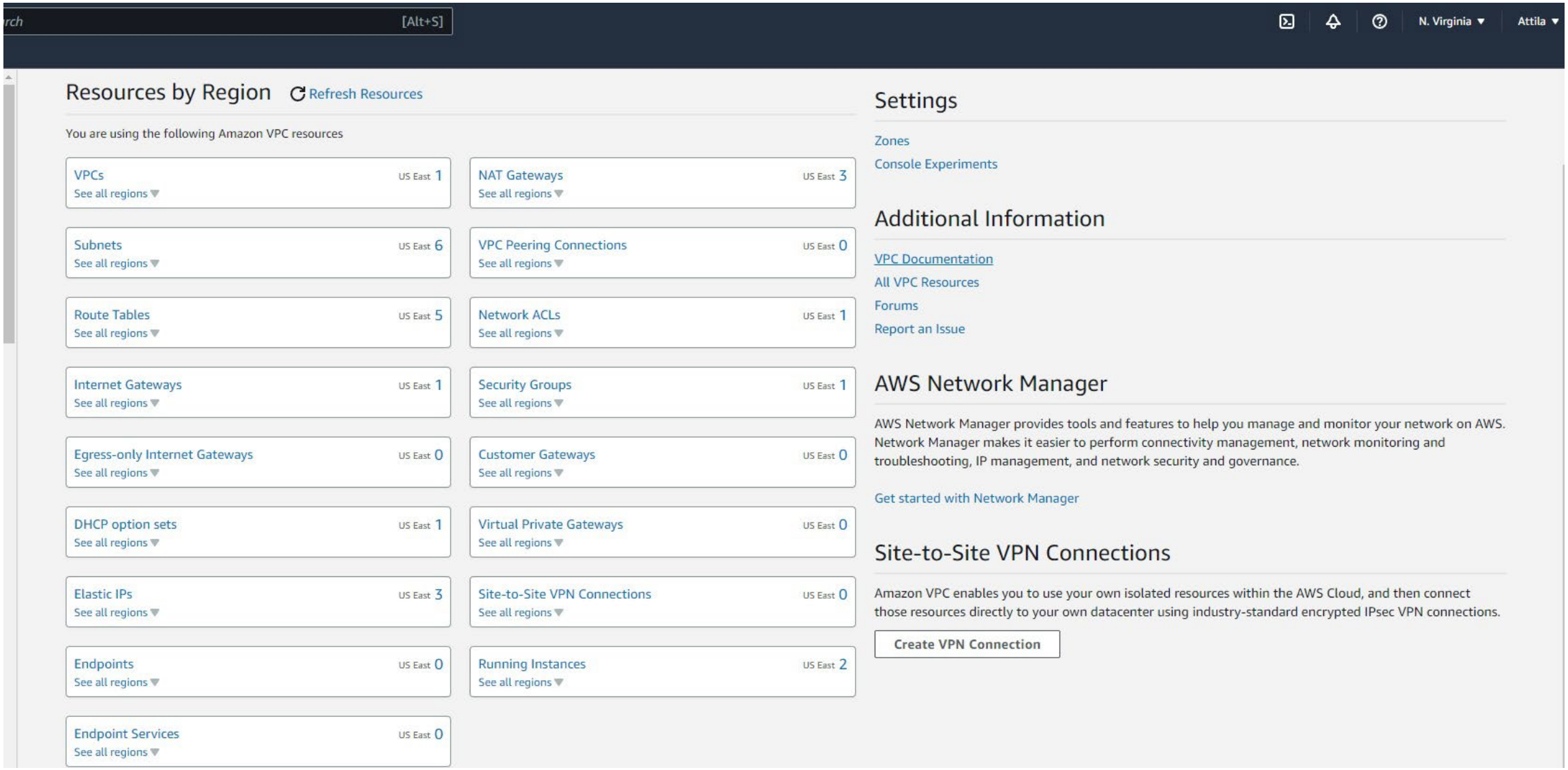
AWS Capstone Project 3

- AWS Regions and Zones
- Creating a VPC
- Create a Security Group
- Create and deploy EC2 Instance
- Configure external IP

Preview

VPC
Show details
Your AWS virtual network
project-vpc
Subnets (6)
Subnets within this VPC
us-east-1a
project-subnet-public1-us-east-1a
project-subnet-private1-us-east-1a
us-east-1b
project-subnet-public2-us-east-1b
project-subnet-private2-us-east-1b
us-east-1c
project-subnet-public3-us-east-1c
project-subnet-private3-us-east-1c
Route tables (4)
Route network traffic to resources
project-rtb-public
project-rtb-private1-us-east-1a
project-rtb-private2-us-east-1b
project-rtb-private3-us-east-1c
Network connections (4)
Connections to other networks
project-igw
project-nat-public1-us-east-1a
project-nat-public2-us-east-1b
project-nat-public3-us-east-1c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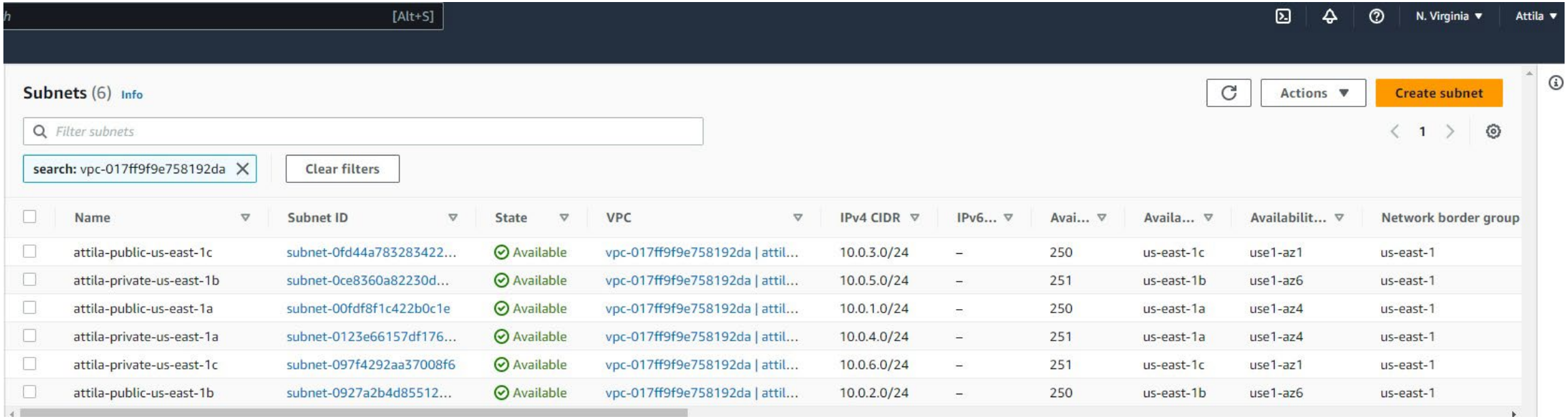
Resources by Region
Refresh Resources
You are using the following Amazon VPC resources
VPCs US East 1 See all regions
NAT Gateways US East 3 See all regions
Subnets US East 6 See all regions
VPC Peering Connections US East 0 See all regions
Route Tables US East 5 See all regions
Network ACLs US East 1 See all regions
Internet Gateways US East 1 See all regions
Security Groups US East 1 See all regions
Egress-only Internet Gateways US East 0 See all regions
Customer Gateways US East 0 See all regions
DHCP option sets US East 1 See all regions
Virtual Private Gateways US East 0 See all regions
Elastic IPs US East 3 See all regions
Site-to-Site VPN Connections US East 0 See all regions
Endpoints US East 0 See all regions
Running Instances US East 2 See all regions
Endpoint Services US East 0 See all regions
Settings
Zones
Console Experiments
Additional Information
VPC Documentation
All VPC Resources
Forums
Report an Issue
AWS Network Manager
AWS Network Manager provides tools and features to help you manage and monitor your network on AWS. Network Manager makes it easier to perform connectivity management, network monitoring and troubleshooting, IP management, and network security and governance.
Get started with Network Manager
Site-to-Site VPN Connections
Amazon VPC enables you to use your own isolated resources within the AWS Cloud, and then connect those resources directly to your own datacenter using industry-standard encrypted IPsec VPN connections.
Create VPN Connection

Your VPCs (1/1) Info
Actions
Create VPC
Filter VPCs
1
VPC ID: vpc-017ff9f9e758192da
Clear filters
Name
VPC ID
State
IPv4 CIDR
IPv6 CIDR
DHCP option set
Main route table
attila-vpc
vpc-017ff9f9e758192da
Available
10.0.0.0/16
–
dopt-0841acc33c76c2...
rtb-01494af3edfc5b5cb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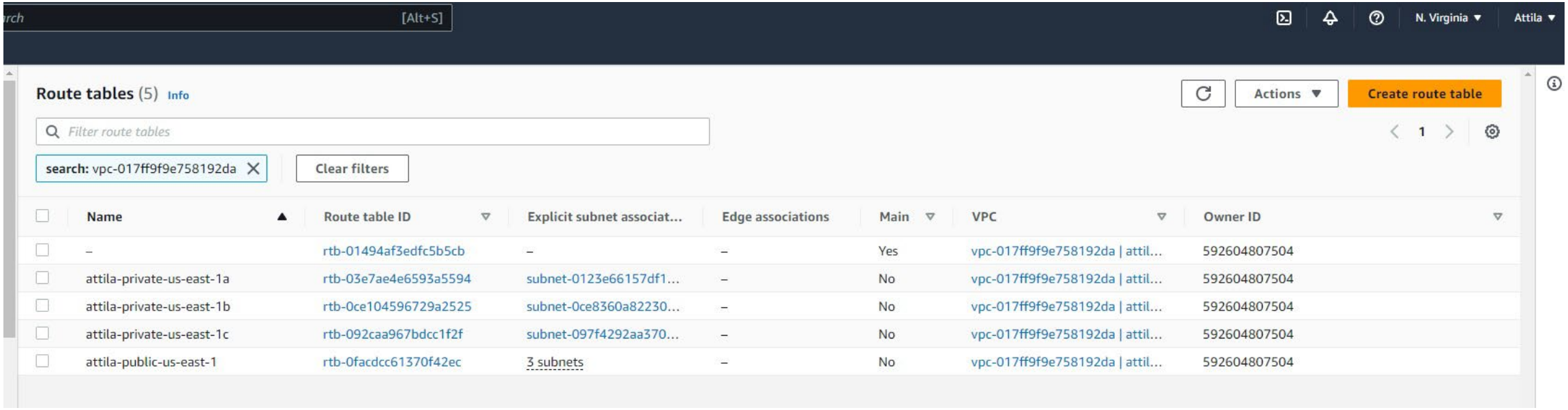
Subnets (6) Info
Actions
Create subnet
Filter subnets
search: vpc-017ff9f9e758192da
Clear filters
1
Name
Subnet ID
State
VPC
IPv4 CIDR
IPv6...
Avai...
Availa...
Availabilit...
Network border group
attila-public-us-east-1c subnet-0fd44a783283422... Available vpc-017ff9f9e758192da | attil... 10.0.3.0/24 – 250 us-east-1c use1-az1 us-east-1
attila-private-us-east-1b subnet-0ce8360a82230d... Available vpc-017ff9f9e758192da | attil... 10.0.5.0/24 – 251 us-east-1b use1-az6 us-east-1
attila-public-us-east-1a subnet-00fdf8f1c422b0c1e Available vpc-017ff9f9e758192da | attil... 10.0.1.0/24 – 250 us-east-1a use1-az4 us-east-1
attila-private-us-east-1a subnet-0123e66157df176... Available vpc-017ff9f9e758192da | attil... 10.0.4.0/24 – 251 us-east-1a use1-az4 us-east-1
attila-private-us-east-1c subnet-097f4292aa37008f6 Available vpc-017ff9f9e758192da | attil... 10.0.6.0/24 – 251 us-east-1c use1-az1 us-east-1
attila-public-us-east-1b subnet-0927a2b4d85512... Available vpc-017ff9f9e758192da | attil... 10.0.2.0/24 – 250 us-east-1b use1-az6 us-east-1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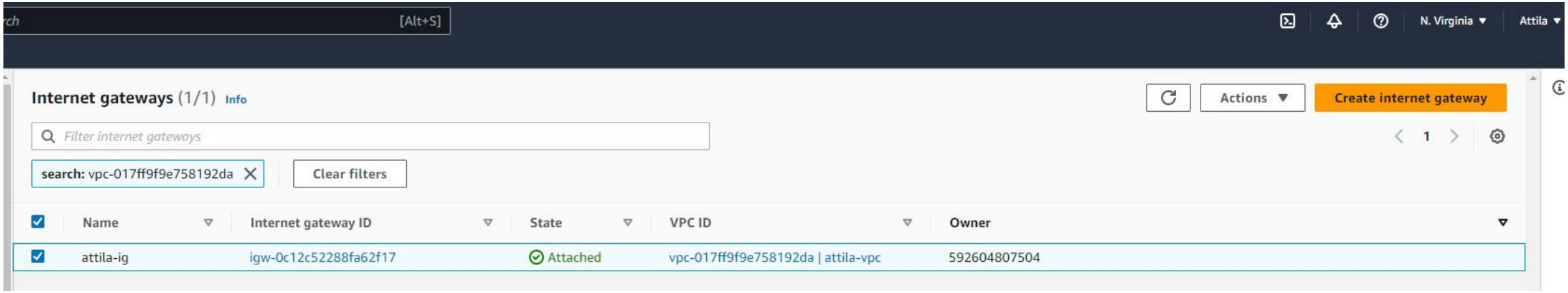
Route tables (5) Info
Actions
Create route table
Filter route tables
1
search: vpc-017ff9f9e758192da
Clear filters
Name
Route table ID
Explicit subnet associat...
Edge associations
Main
VPC
Owner ID
– rtb-01494af3edfc5b5cb – – Yes vpc-017ff9f9e758192da | attil... 592604807504
attila-private-us-east-1a rtb-03e7ae4e6593a5594 subnet-0123e66157df1... – No vpc-017ff9f9e758192da | attil... 592604807504
attila-private-us-east-1b rtb-0ce104596729a2525 subnet-0ce8360a82230... – No vpc-017ff9f9e758192da | attil... 592604807504
attila-private-us-east-1c rtb-092caa967bdcc1f2f subnet-097f4292aa370... – No vpc-017ff9f9e758192da | attil... 592604807504
attila-public-us-east-1 rtb-0facdcc61370f42ec 3 subnets – No vpc-017ff9f9e758192da | attil... 592604807504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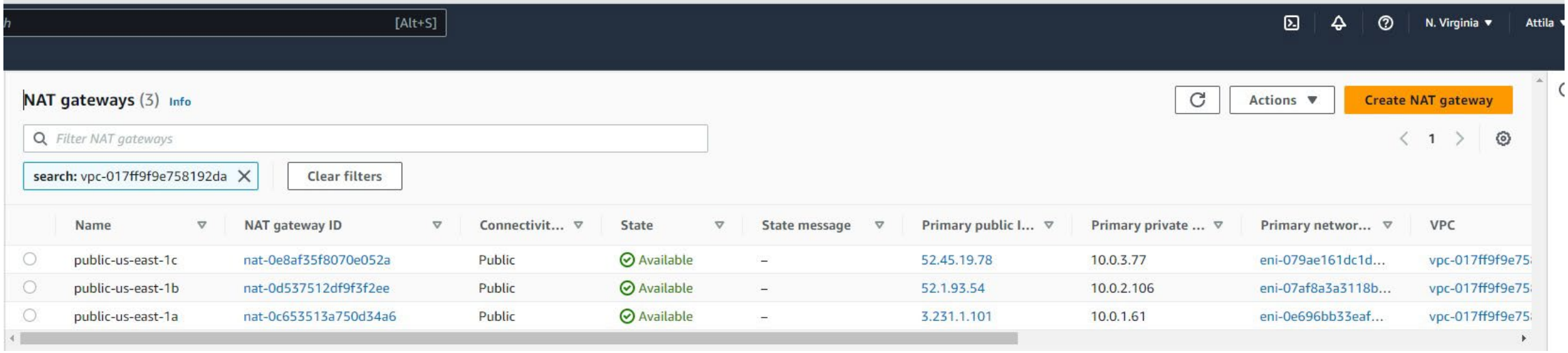
Internet gateways (1/1) Info
Actions
Create internet gateway
Filter internet gateways
1
search: vpc-017ff9f9e758192da
Clear filters
Name
Internet gateway ID
State
VPC ID
Owner
attila-ig
igw-0c12c52288fa62f17
Attached
vpc-017ff9f9e758192da | attila-vpc
592604807504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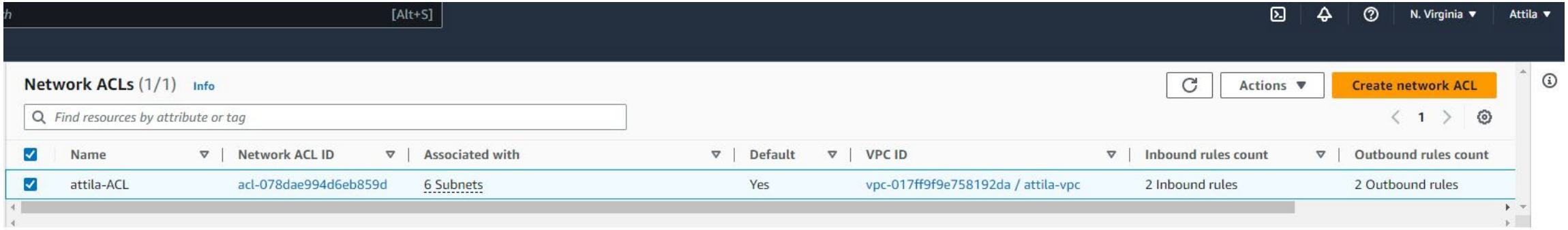
NAT gateways (3) Info
Actions
Create NAT gateway
Filter NAT gateways
1
search: vpc-017ff9f9e758192da
Clear filters
Name
NAT gateway ID
Connectivit...
State
State message
Primary public I...
Primary private ...
Primary networ...
VPC
public-us-east-1c
nat-0e8af35f8070e052a
Public
Available
–
52.45.19.78
10.0.3.77
eni-079ae161dc1d...
public-us-east-1b
nat-0d537512df9f3f2ee
Public
Available
–
52.1.93.54
10.0.2.106
eni-07af8a3a3118b...
public-us-east-1a
nat-0c653513a750d34a6
Public
Available
–
3.231.1.101
10.0.1.61
eni-0e696bb33eaf...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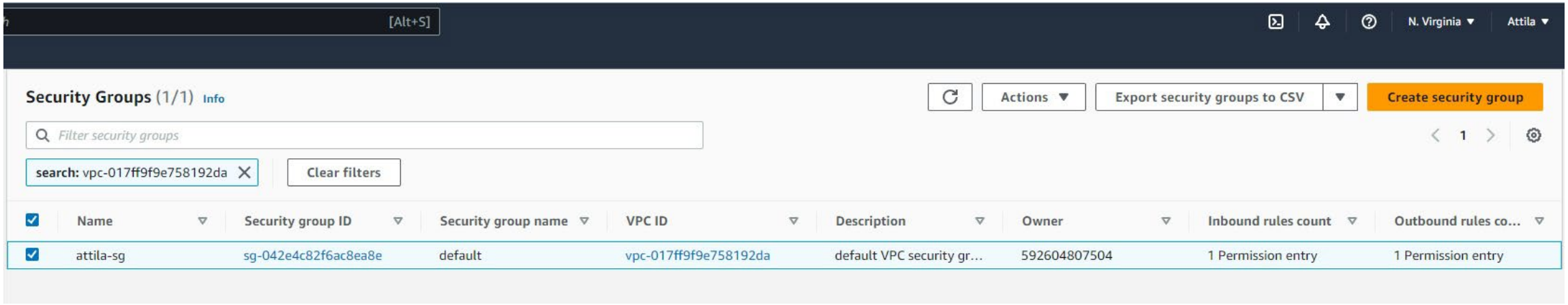
Network ACLs (1/1) Info
Actions
Create network ACL
Find resources by attribute or tag
1
Name
Network ACL ID
Associated with
Default
VPC ID
Inbound rules count
Outbound rules count
attila-ACL
acl-078dae994d6eb859d
6 Subnets
Yes
vpc-017ff9f9e758192da / attila-vpc
2 Inbound rules
2 Outbound rules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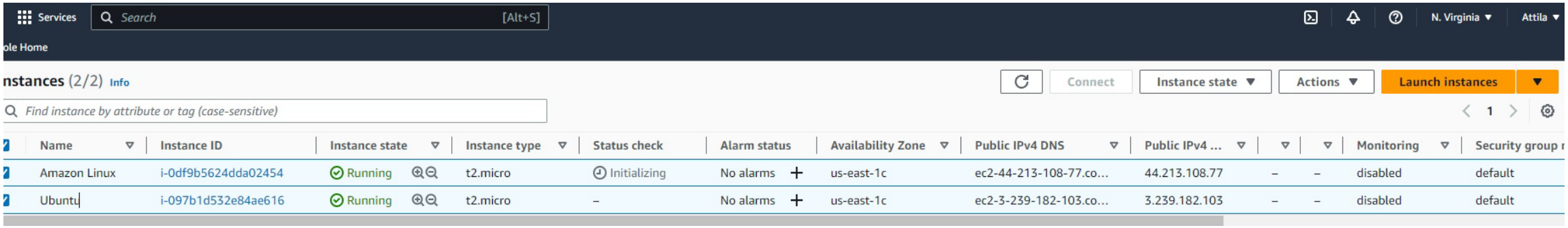
Security Groups (1/1) Info
Actions
Export security groups to CSV
Create security group
Filter security groups
1
search: vpc-017ff9f9e758192da
Clear filters
Name
Security group ID
Security group name
VPC ID
Description
Owner
Inbound rules count
Outbound rules co...
attila-sg
sg-042e4c82f6ac8ea8e
default
vpc-017ff9f9e758192da
default VPC security gr...
592604807504
1 Permission entry
1 Permission entry


Services
Search
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ole Home
nstances (2/2) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
Public IPv4 ...
Monitoring
Security group
Amazon Linux
i-0df9b5624dda02454
Running
t2.micro
Initializing
No alarms
us-east-1c
ec2-44-213-108-77.co...
44.213.108.77
disabled
default
Ubuntu
i-097b1d532e84ae616
Running
t2.micro
–
No alarms
us-east-1c
ec2-3-239-182-103.co...
3.239.182.103
disabled
default