AWS Template – 3 NIC 2 vThunder HA GLM Instances Test Cases

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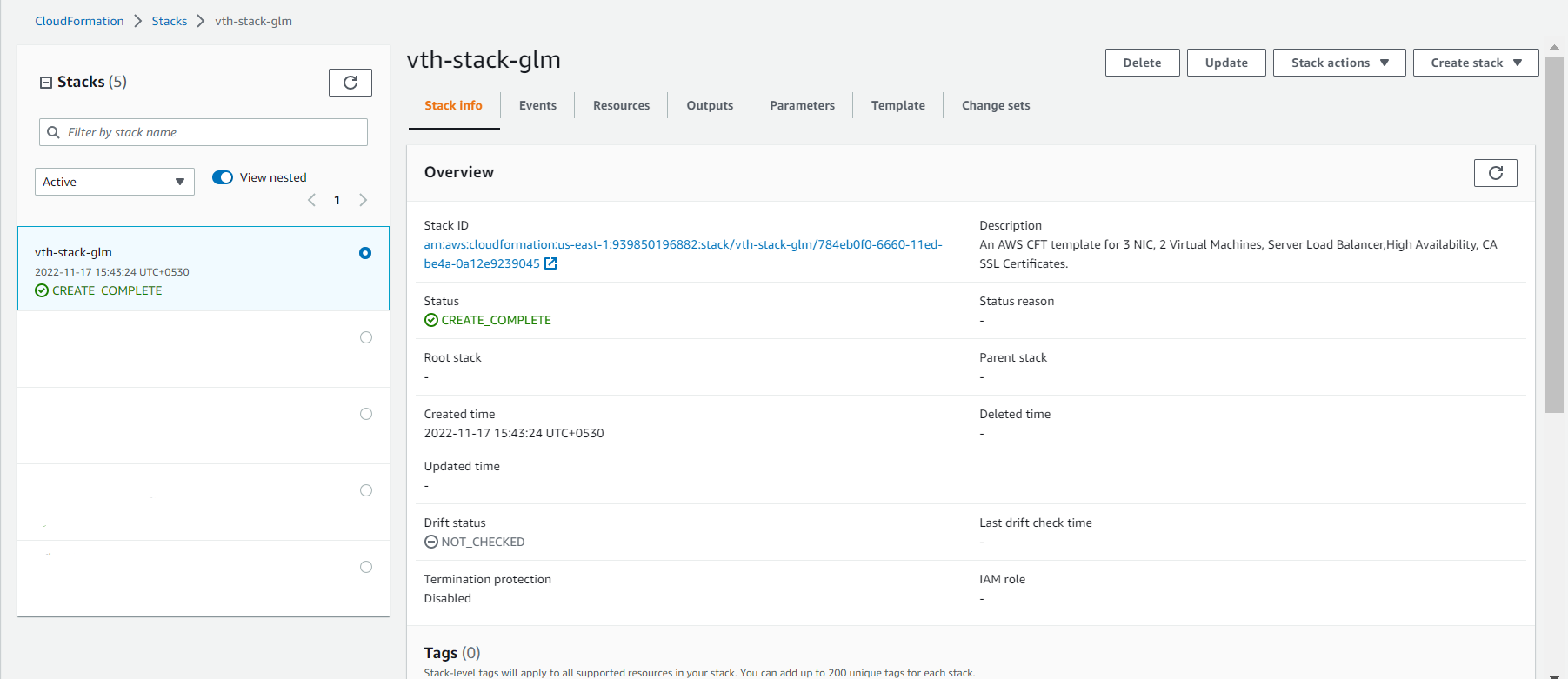
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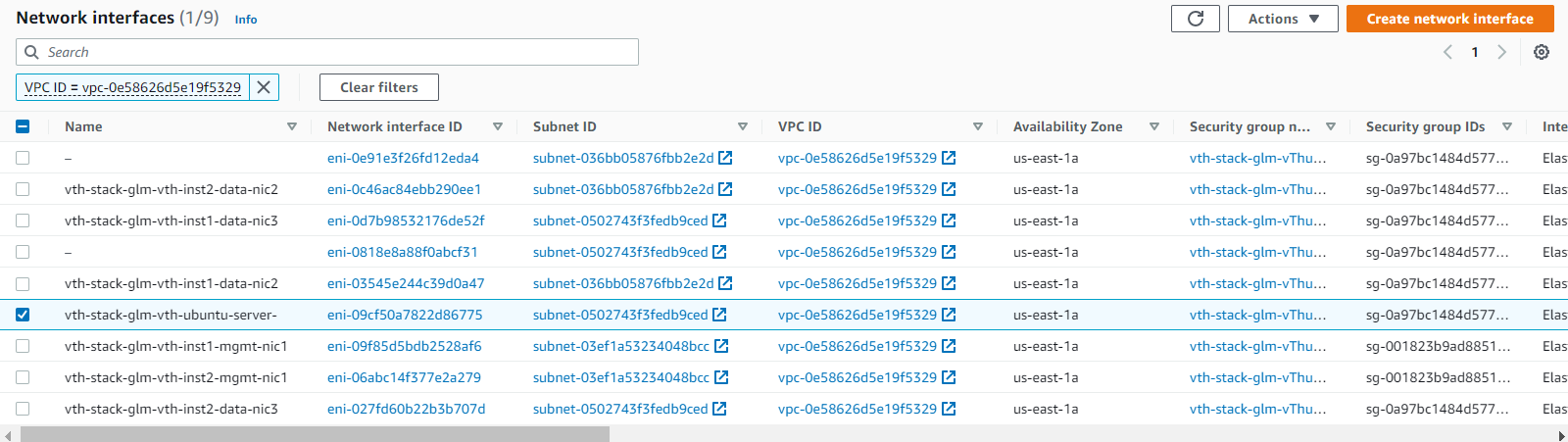
# Resource Creation

## Resource Stack



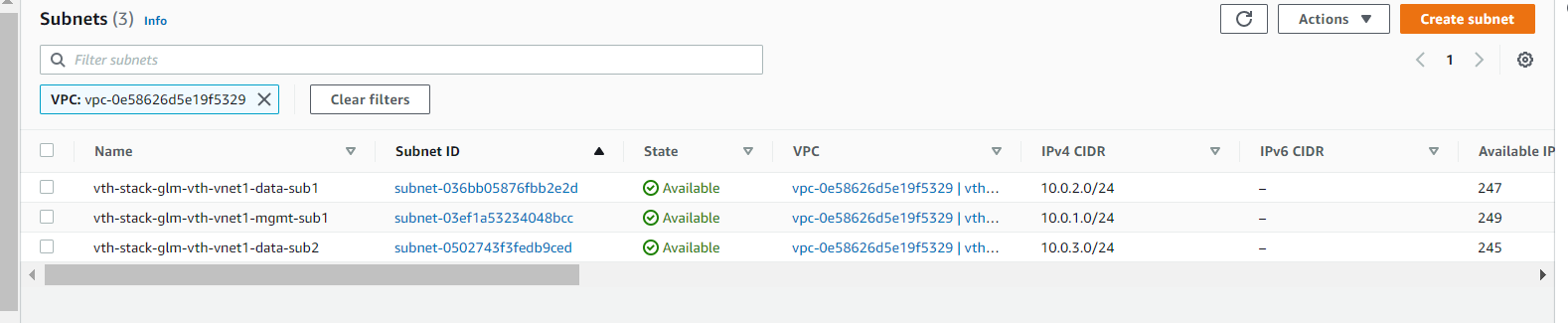
## Interfaces

* Expected Outcome: 7 interfaces (2 management, 4 data interfaces and one server ) should get created, and each interface is from different subnet.
* Actual Outcome: 7 interfaces are created and attached to VMs.



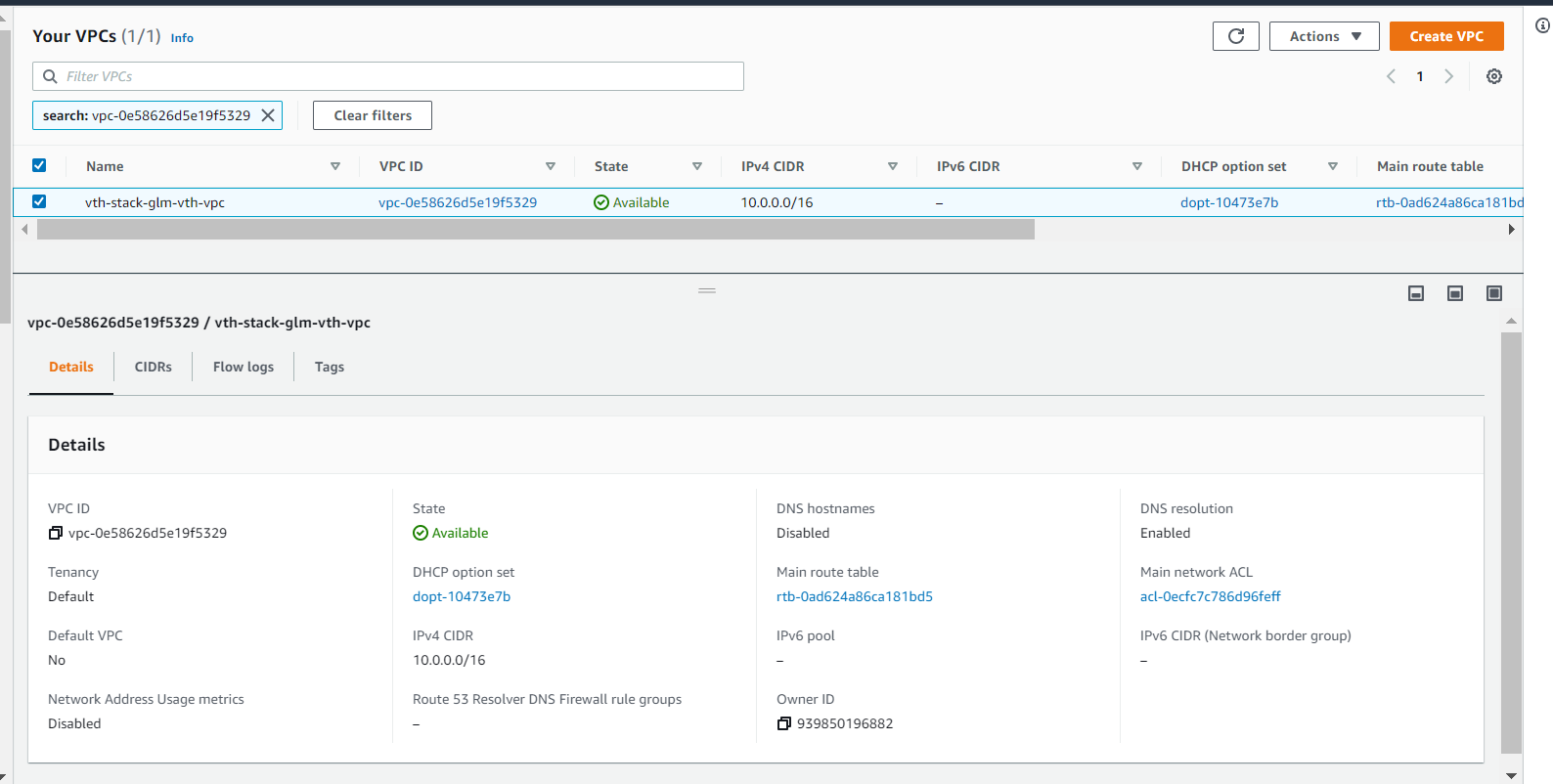
## Subnets

* Expected Outcome: 3 subnets should get created.
* Actual Outcome: 3 subnets are created.



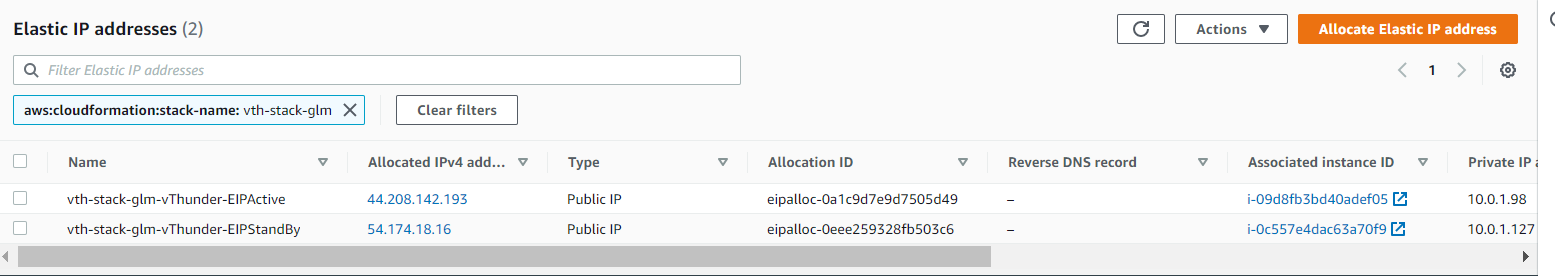
## Virtual Network

* Expected Outcome: 1 virtual network should get created if not exists else present virtual network will be used.
* Actual Outcome: 1 virtual network is created name “vth-stack-glm-vth-vpc”.

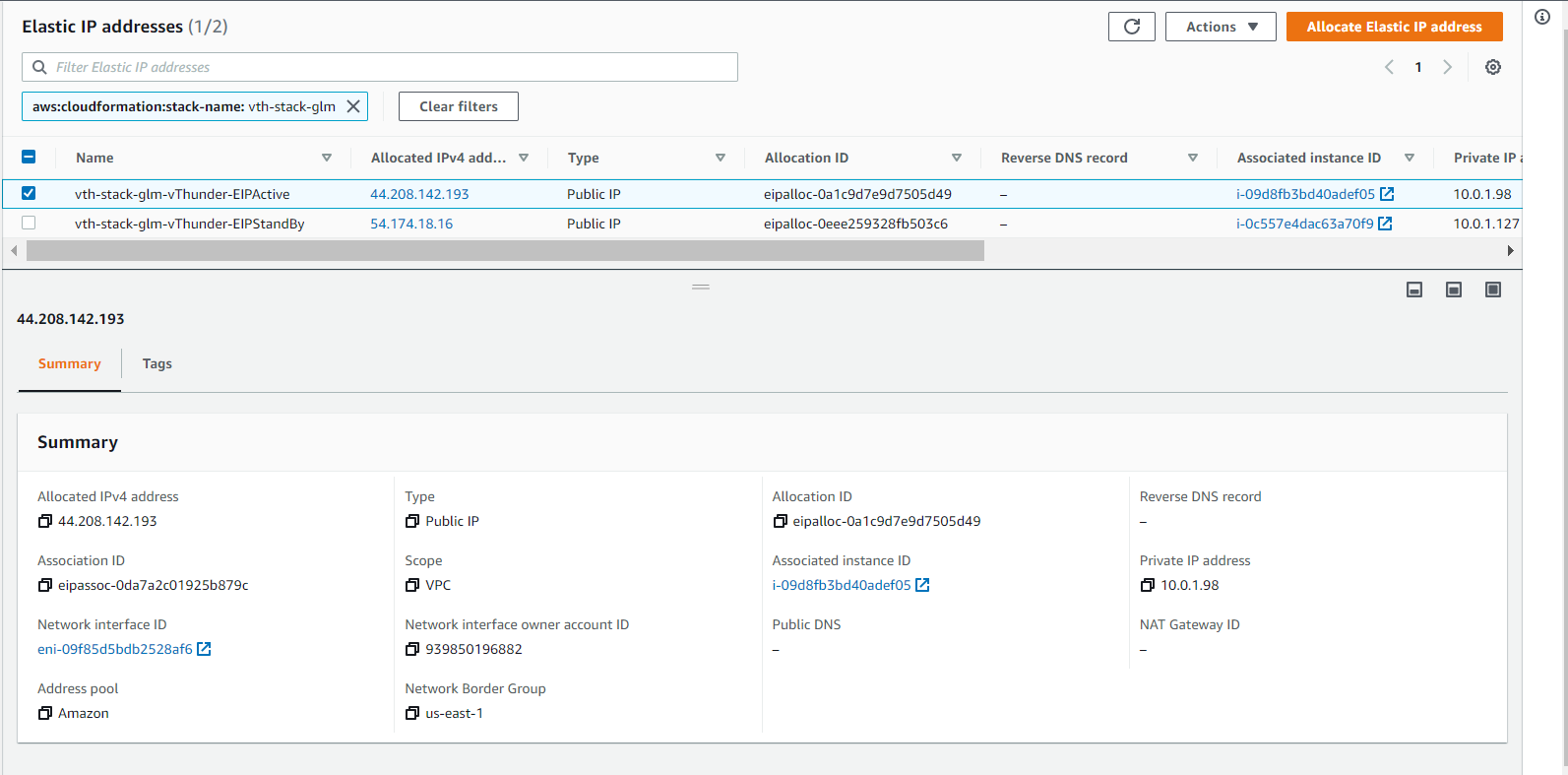


## Public Ips

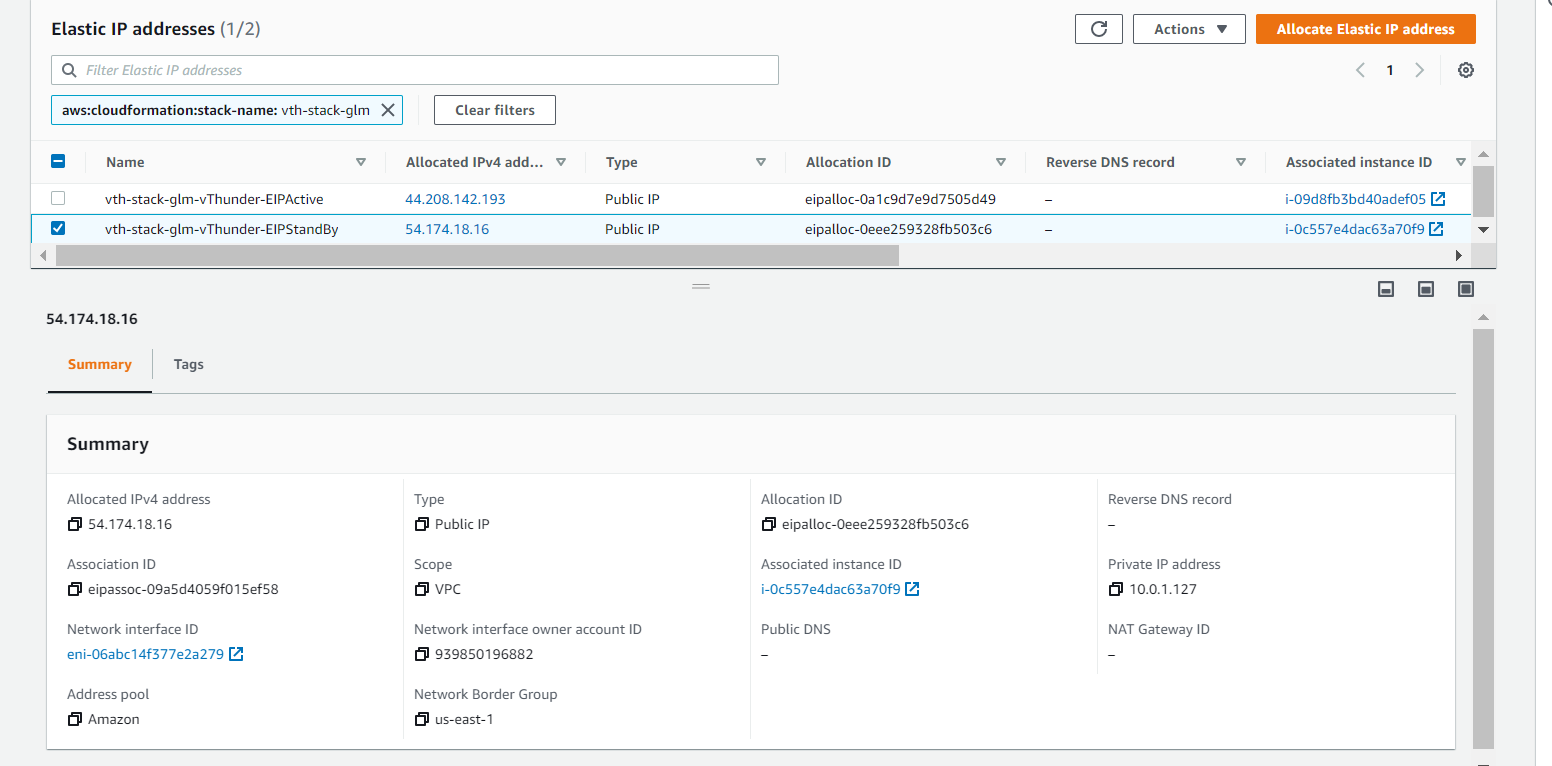
* Expected Outcome: 2 public EIP get created and assigned to generated instances.
* Actual Outcome: 2 public EIP get created and assigned to generated instances



{stack name}-vThunder-EIPActive is assigned to instance 1.



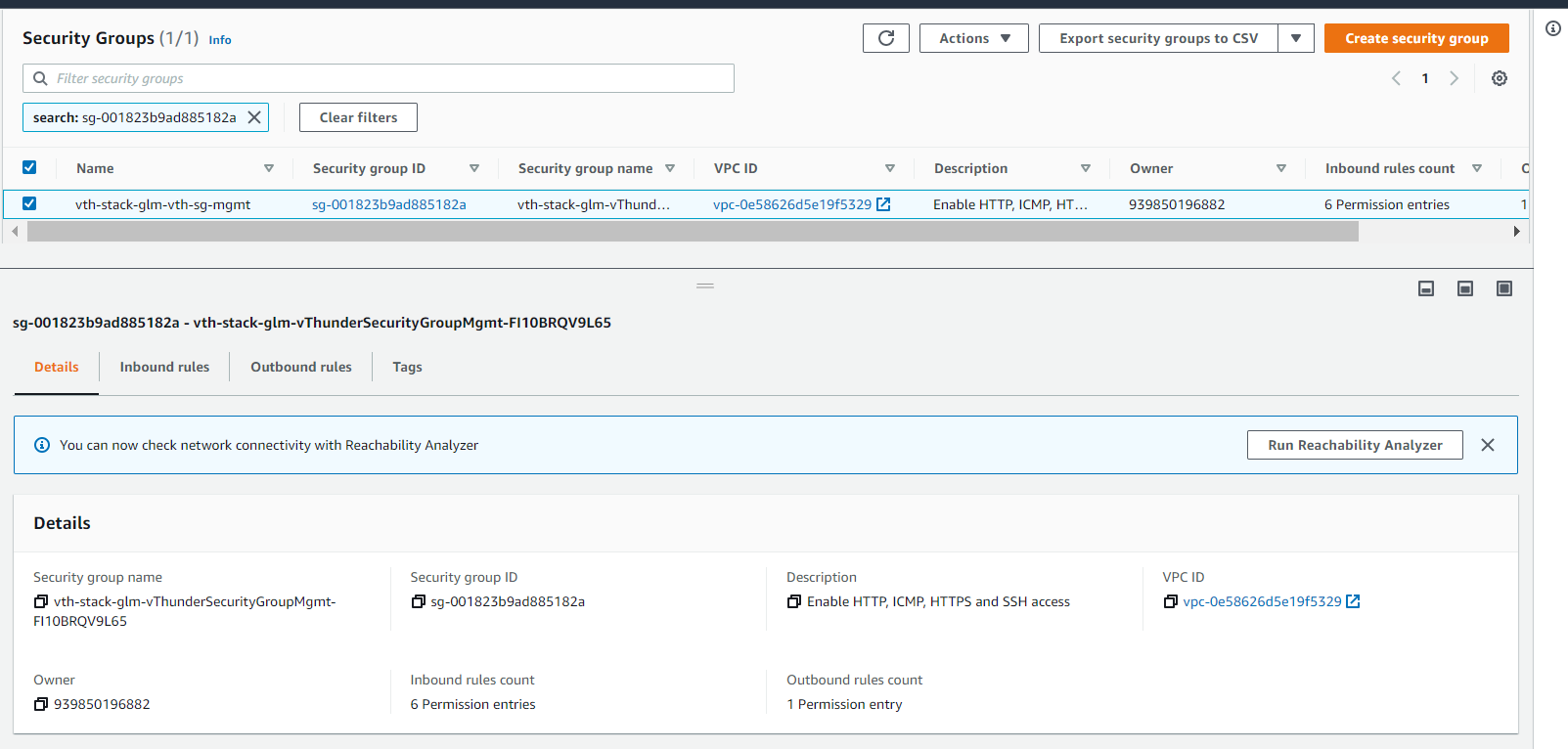
{stack name}-vThunder-EIPStandBy is assigned to instance 2.



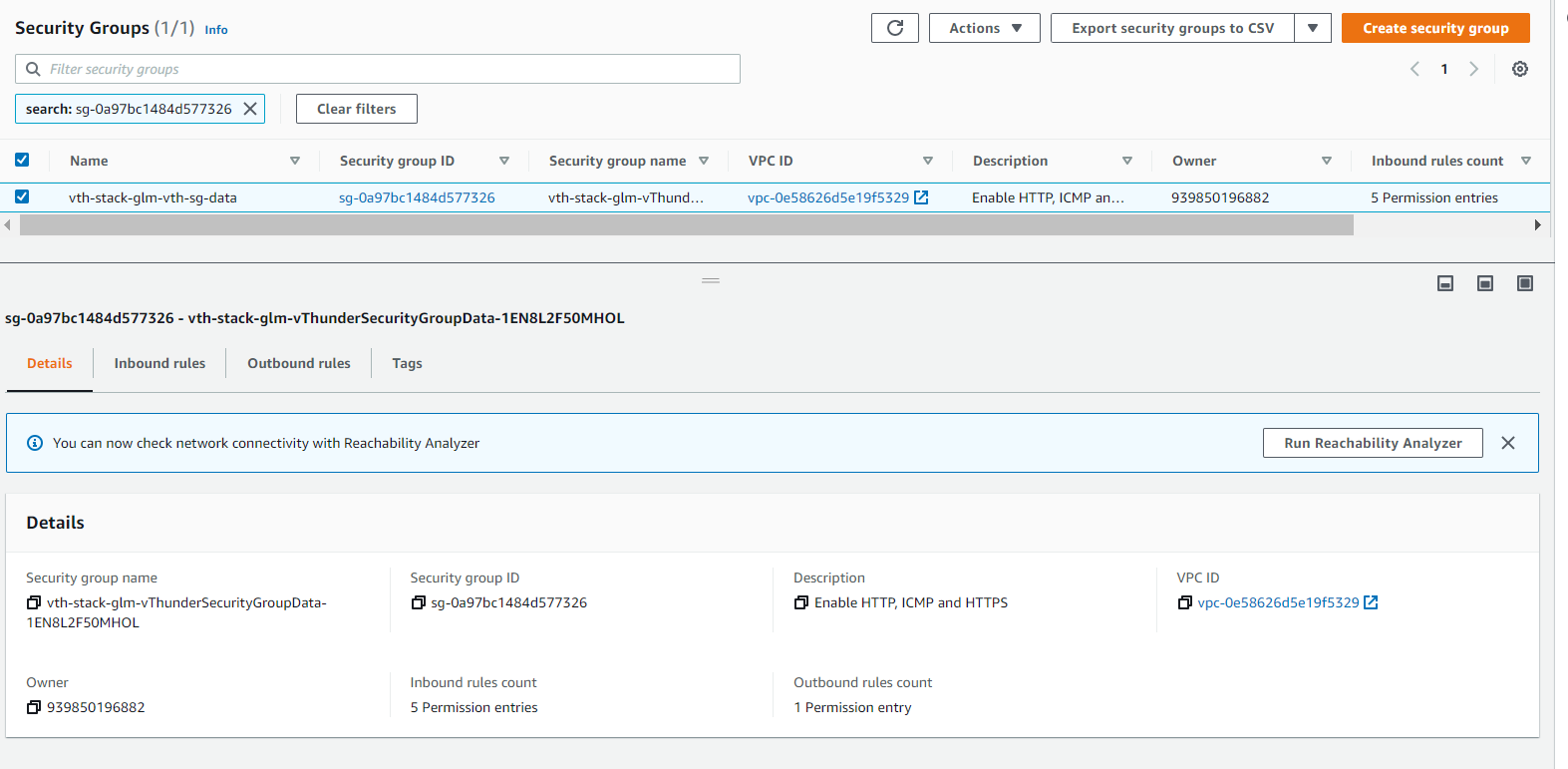
## NSGs

* Expected Outcome: 2 security groups should get created and must have inbound rules.
* Actual Outcome: 2 security groups is created and attached to VMs and there are some inbound security rules created.

{Stack name}-vth-sg-mgmt

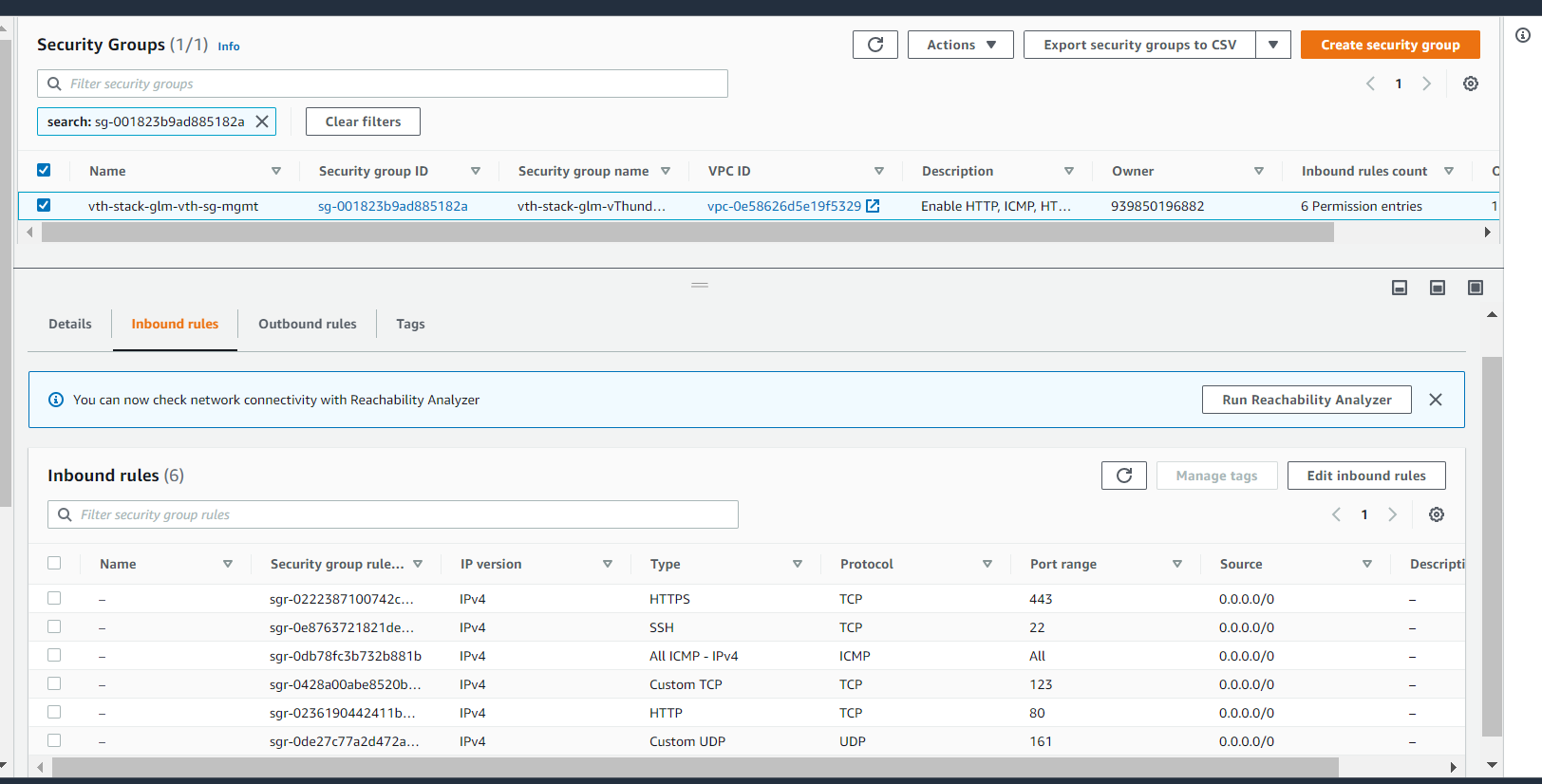


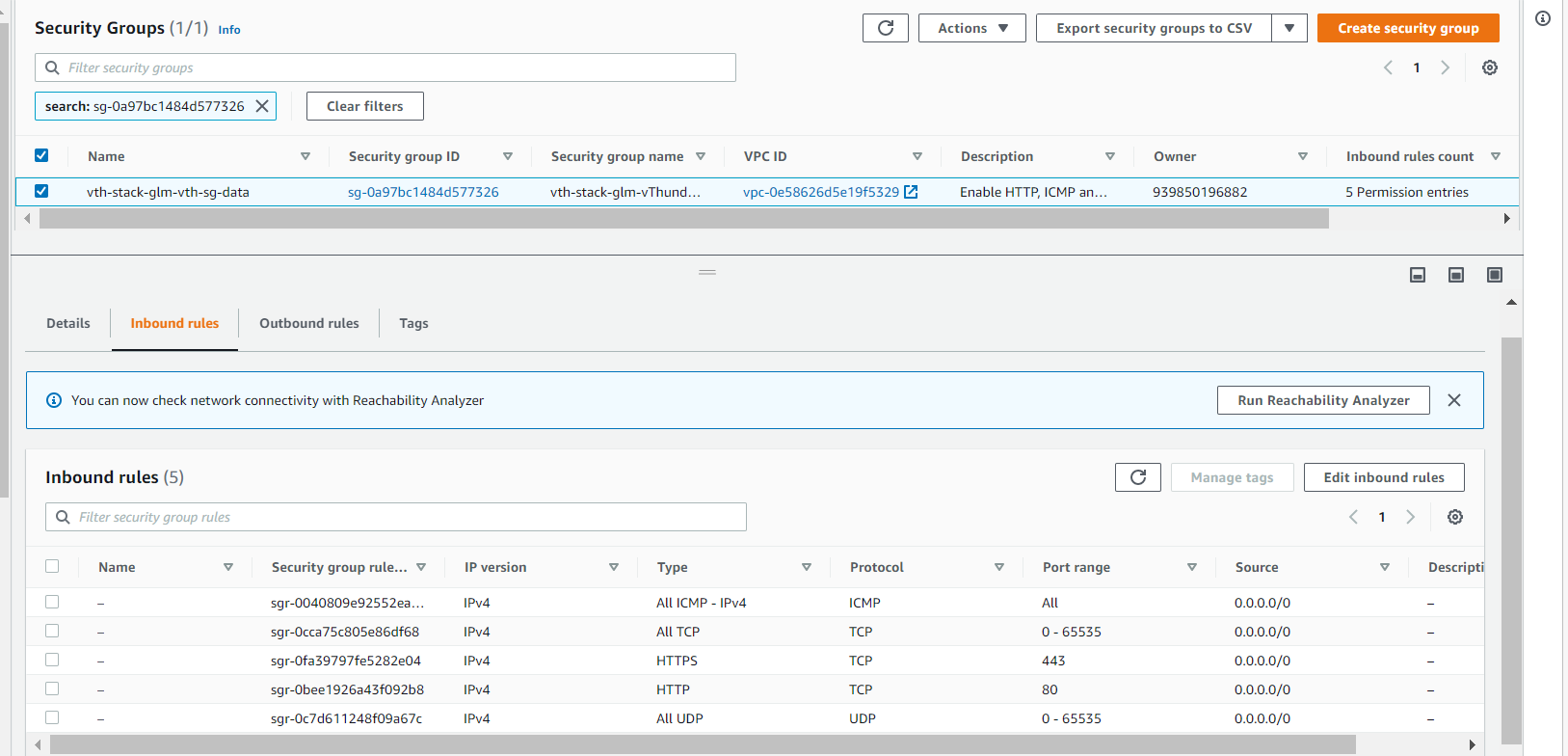
{Stack name}-vth-sg-data



Network Security Group Inbound rules.

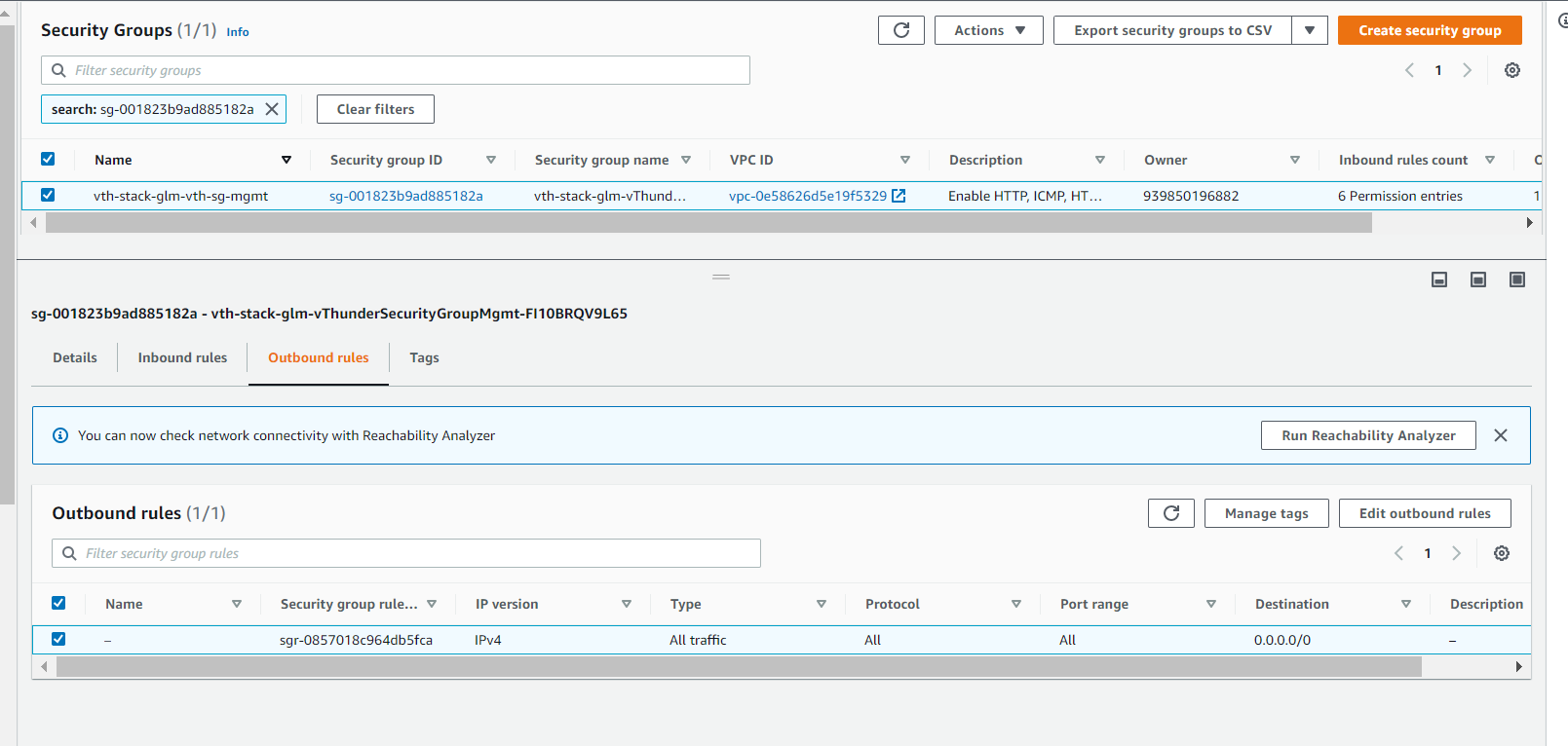
{Stack name}-vth-sg-mgmt

{Stack name}-vth-sg-data

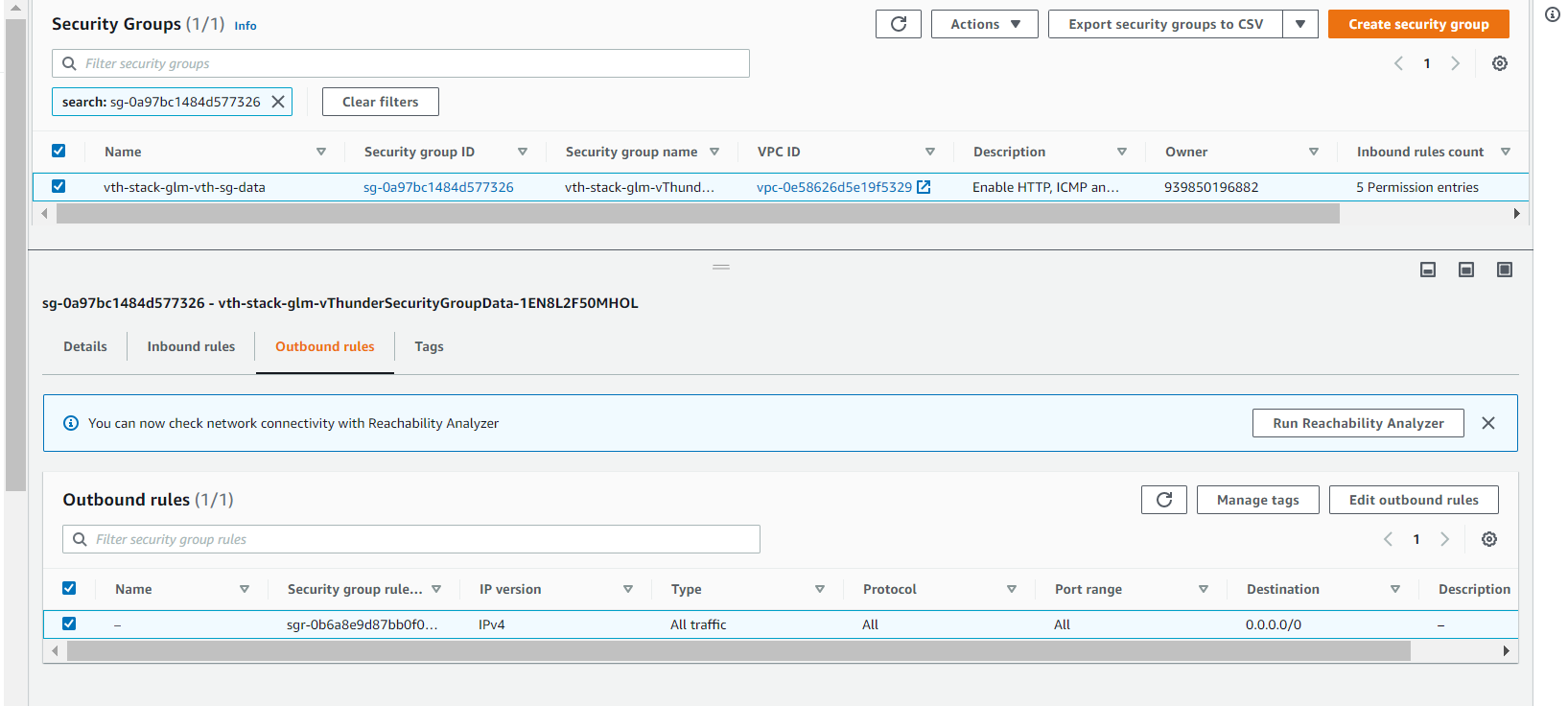


Network Security Group Outbound rules.

{Stack name}-vth-sg-mgmt



{Stack name}-vth-sg-data

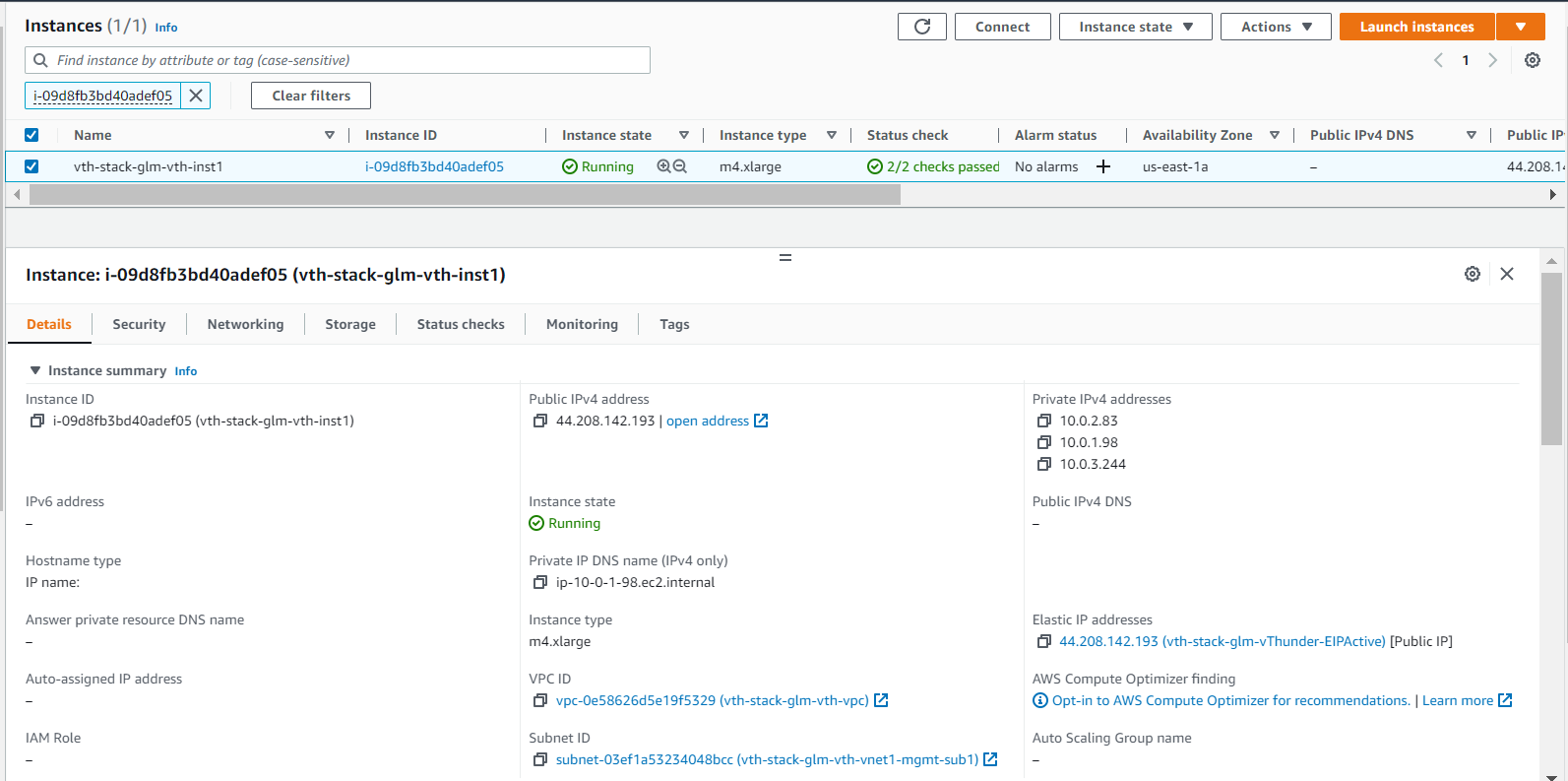


## 

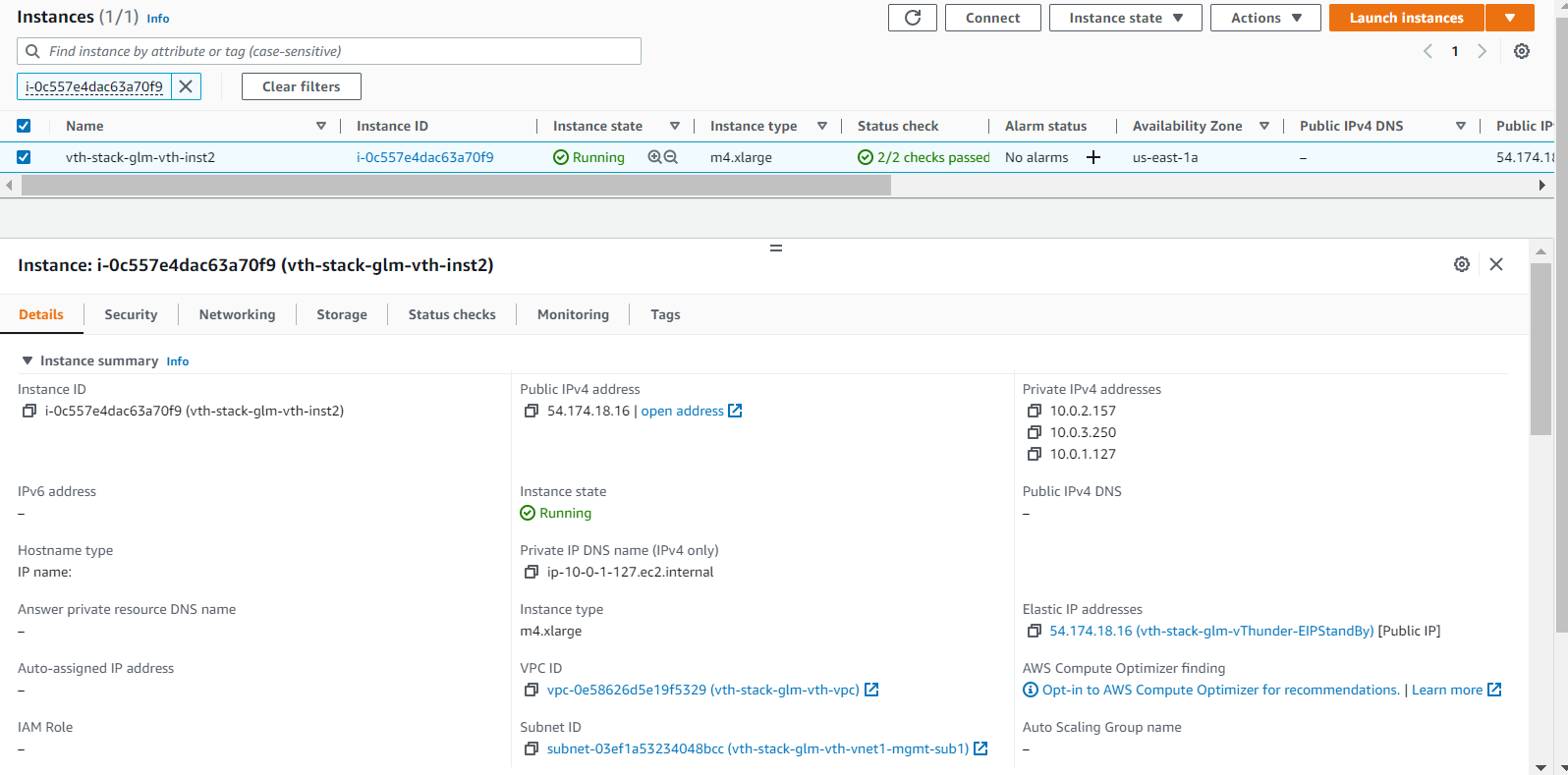
## vThunder Instances

* Expected Outcome: 2 vThunder instances should get created.
* Actual Outcome: 2 vThunder instances are created.

{Stack name}-vth-inst1

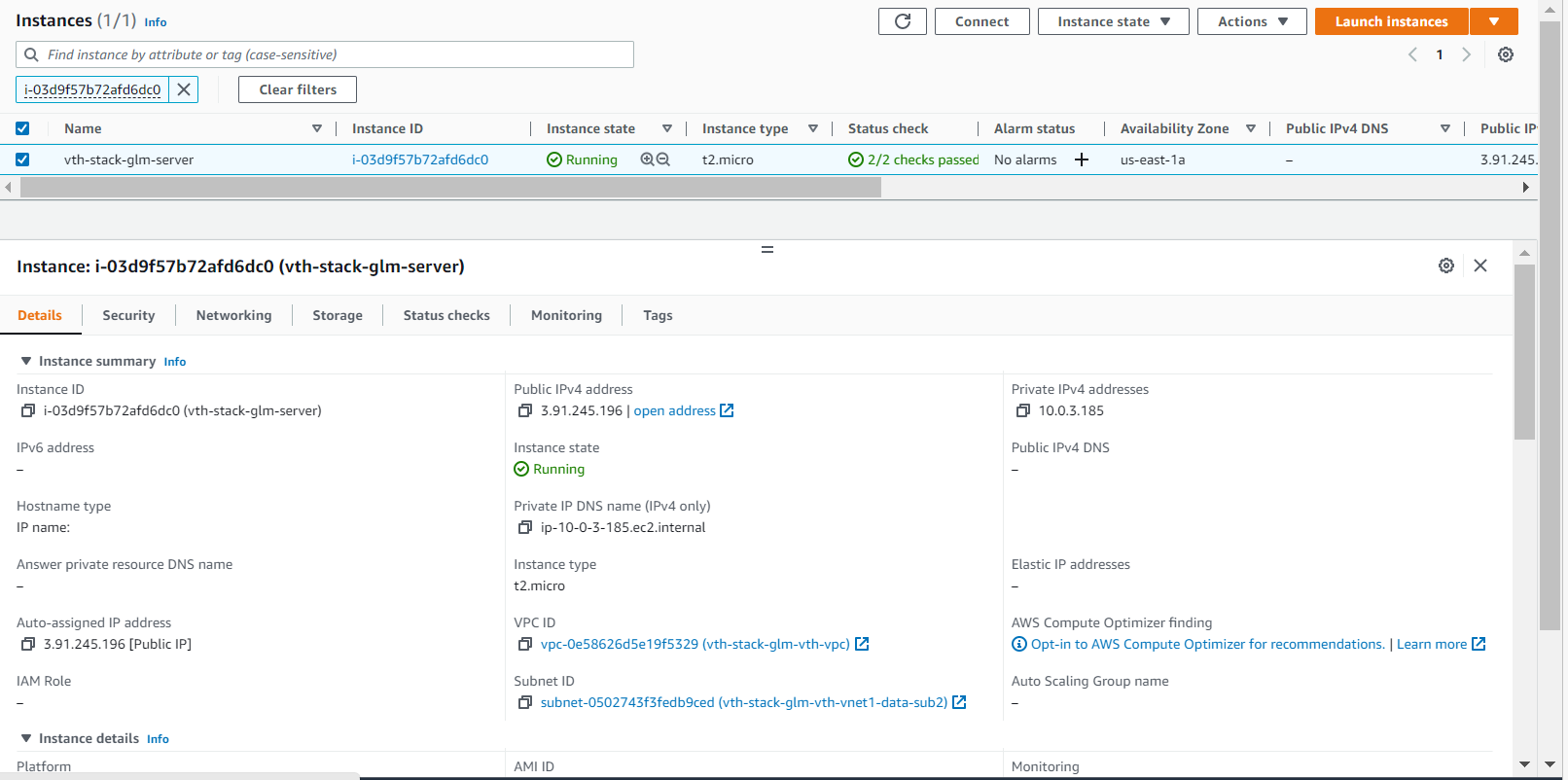


{Stack name}-vth-inst2



## Server Instance

* Expected Outcome: 1 Server instance should get created.
* Actual Outcome: 1 server instance are created.

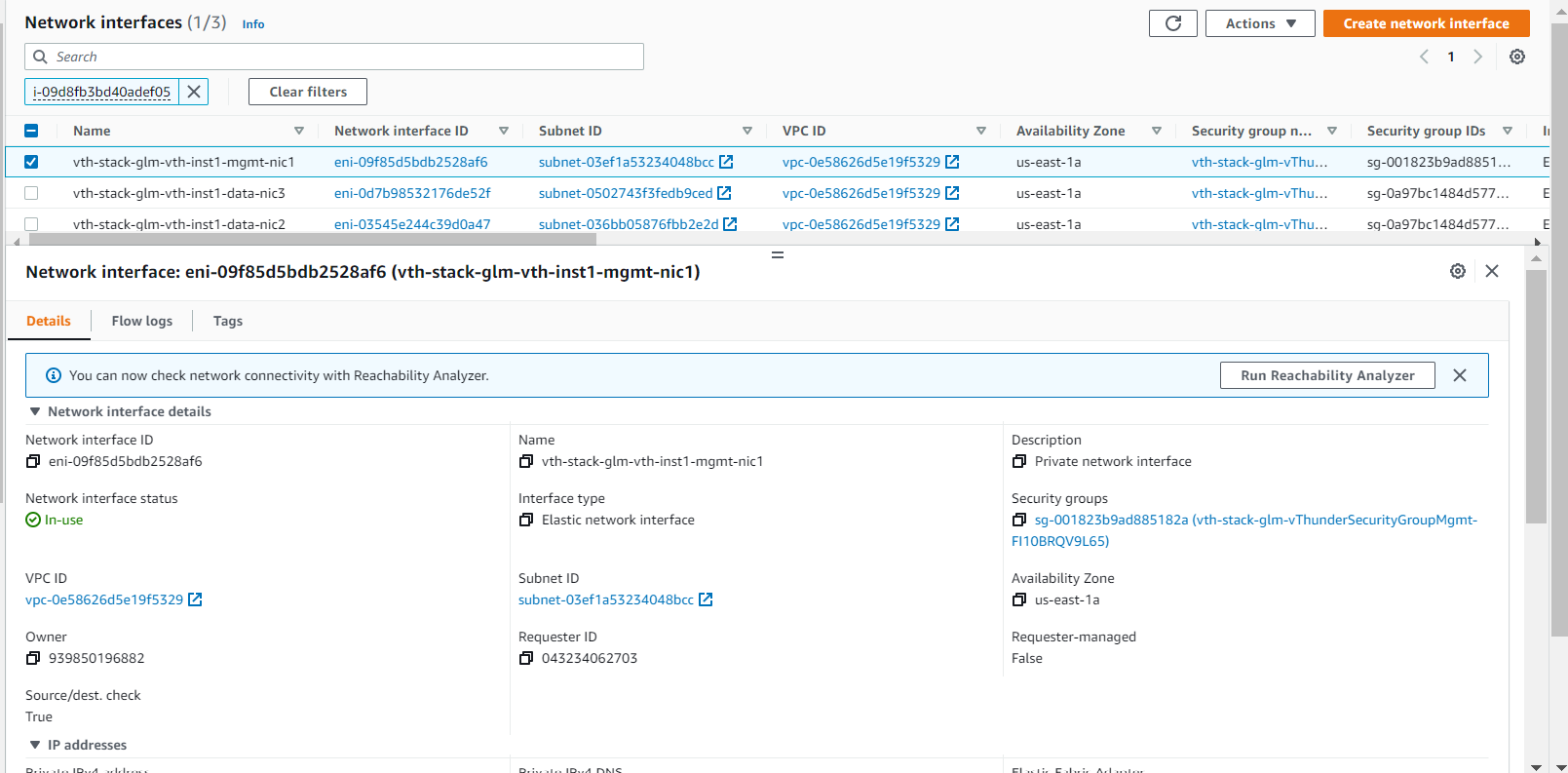


# vThunder Networking Configuration on AWS

## vThunder-1

### Management Interface

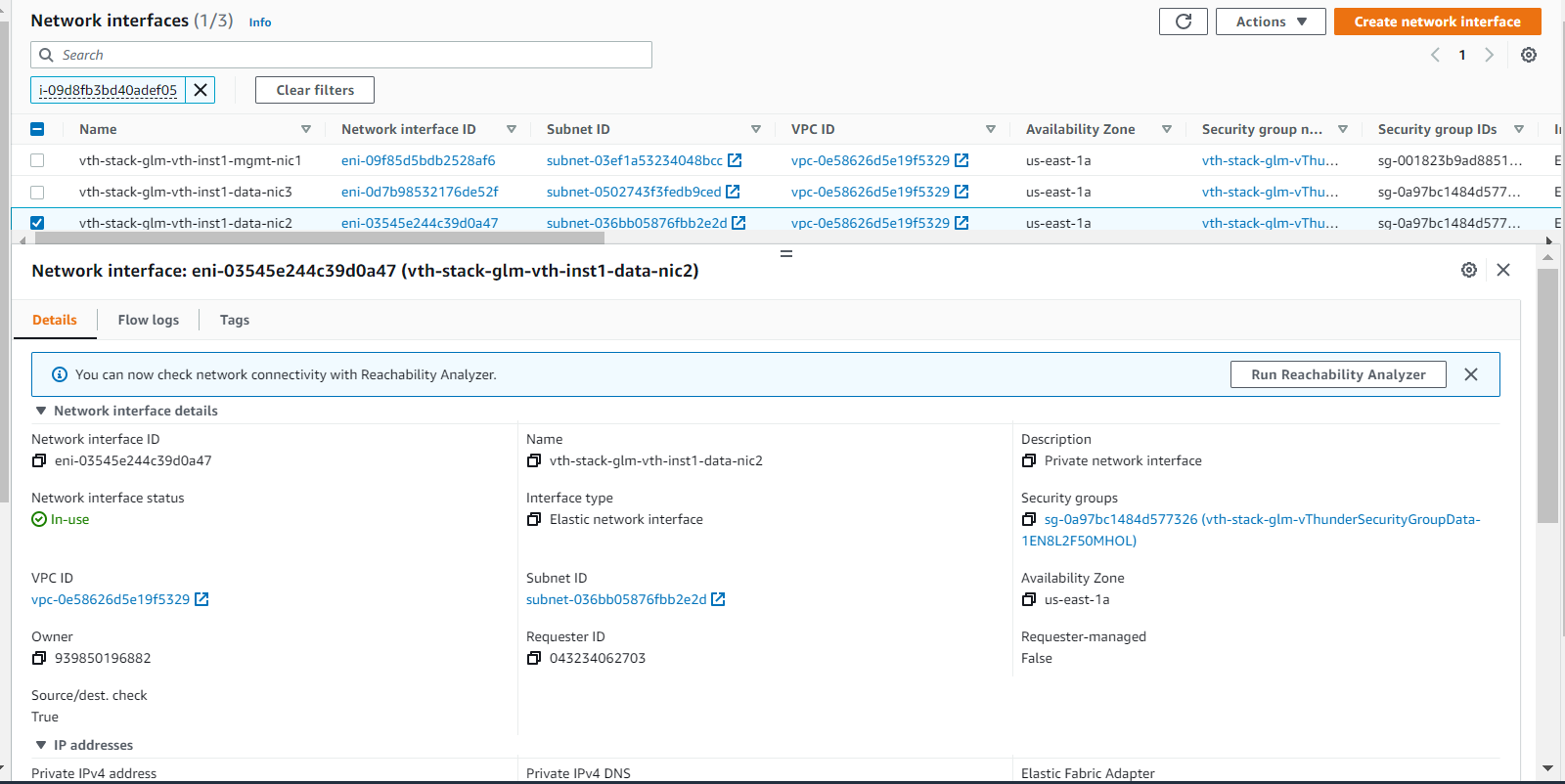
* Expected Outcome: Management interface will have only primary ip, no secondary ip.
* Actual Outcome: Management interface has only primary ip.



### 

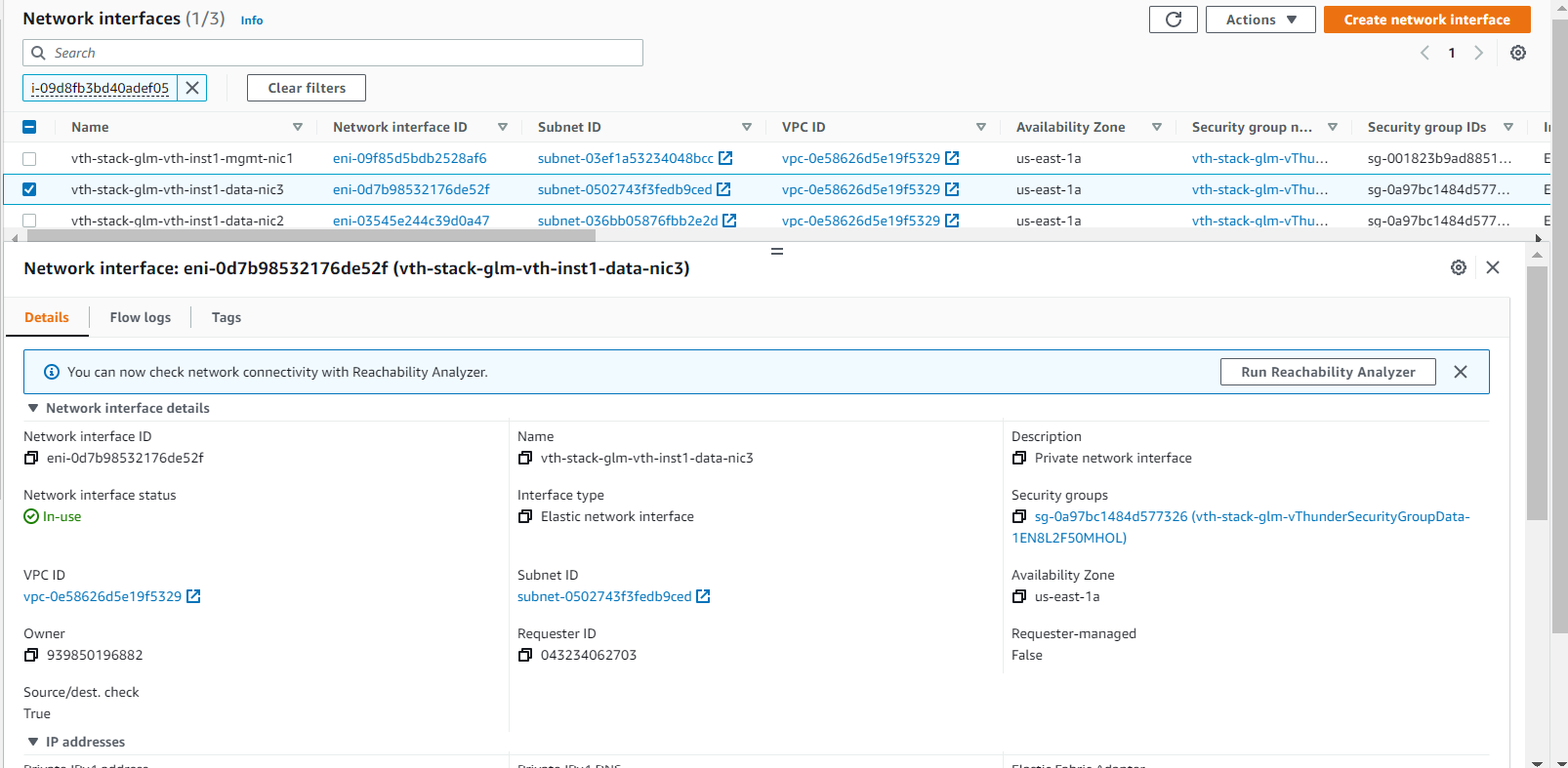
### Data Interface (Client Side)

* Expected Outcome: Client side data interface will have 1 primary ip and 1 private secondary ip.
* Actual Outcome: Client side data interface has 1 primary ip and 1 private secondary ip.



### Data Interface (Server Side)

* Expected Outcome: Server side interface will have 1 primary ip and 1 private secondary ip.
* Actual Outcome: Server side interface has 1 primary ip and 1 private secondary ip.

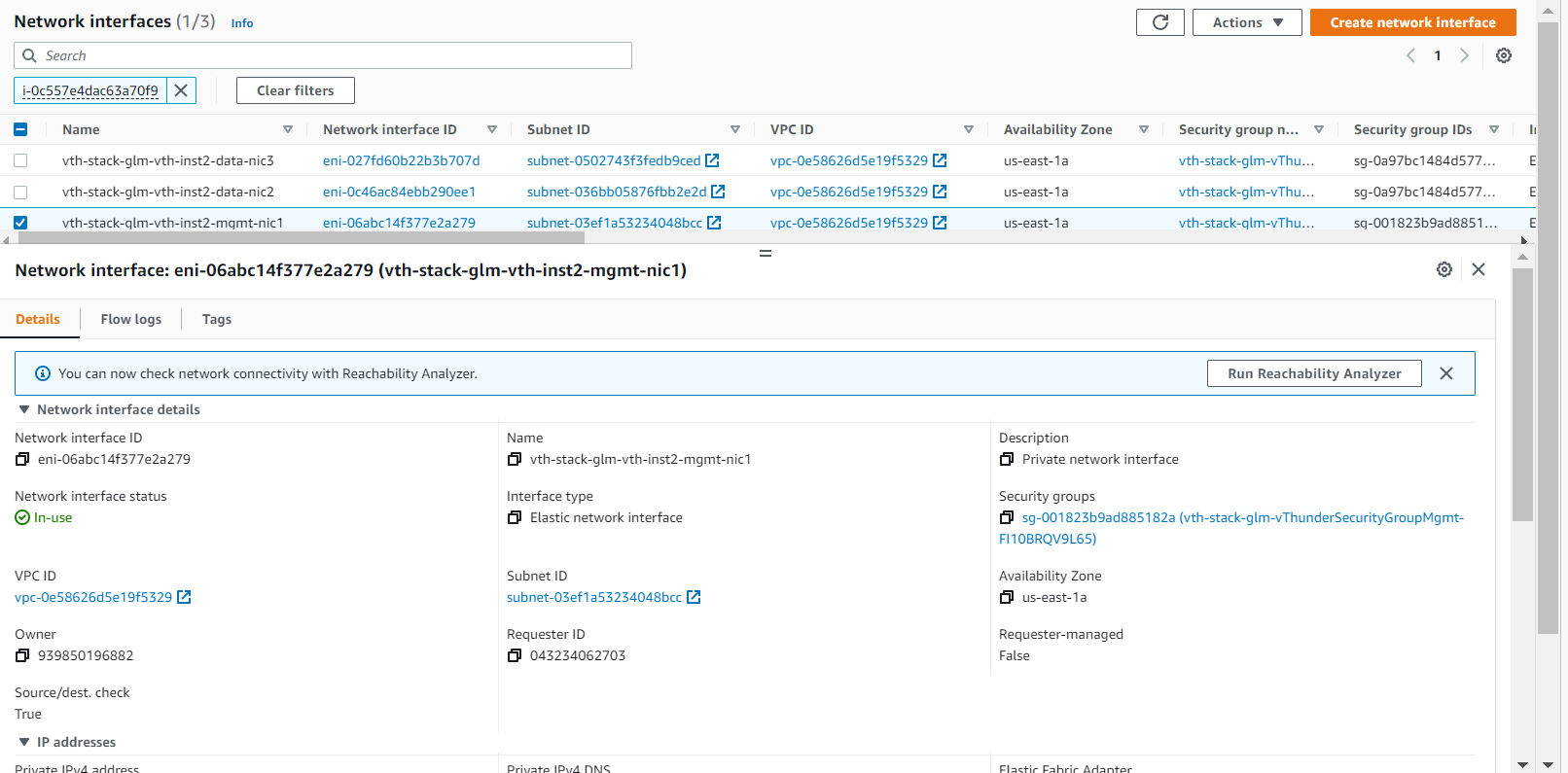


## 

## vThunder-2

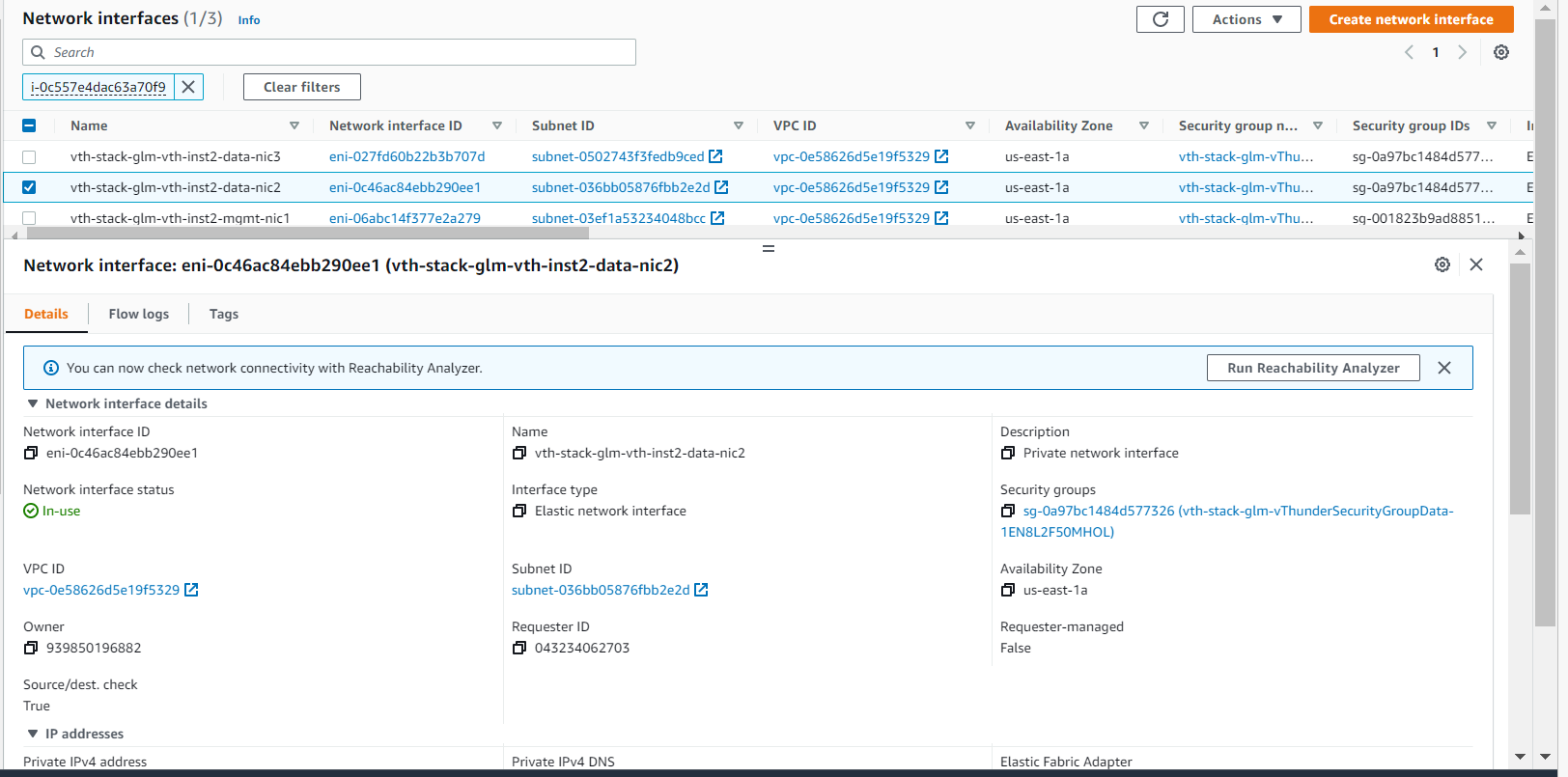
### Management Interface

* Expected Outcome: Management interface will have only primary ip, no secondary ip.
* Actual Outcome: Management interface has only primary ip.



### Data Interface (Client Side)

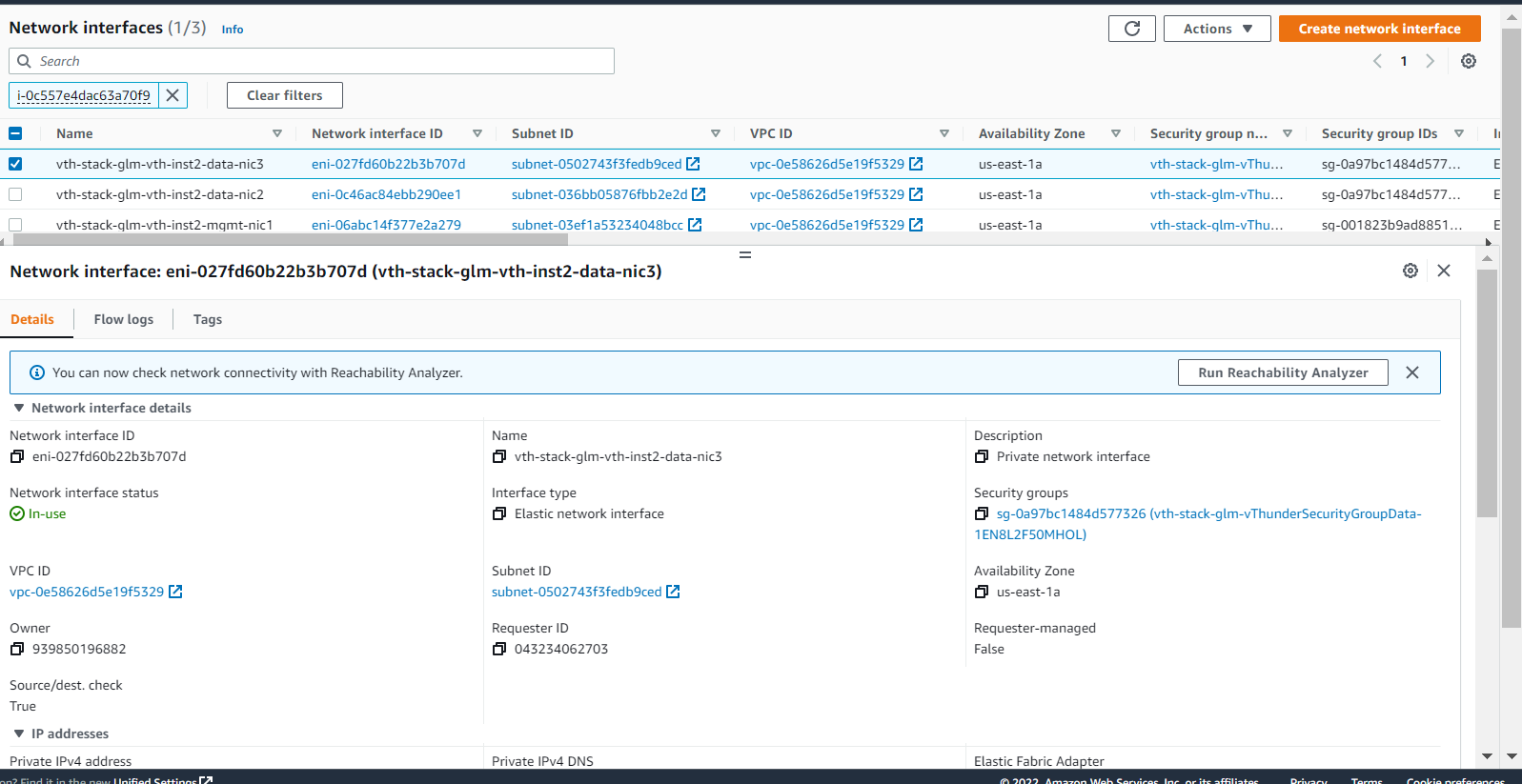
* Expected Outcome: Client side data interface will have 1 primary ip and no private secondary ip.
* Actual Outcome: Client side data interface has 1 primary ip and no private secondary ip.



### 

### Data Interface (Server Side)

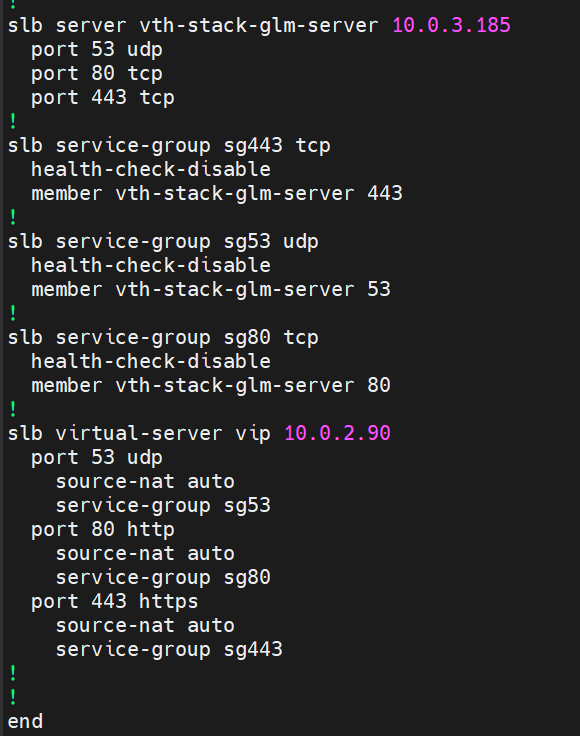
* Expected Outcome: Server side interface will have 1 primary ip and no private secondary ip.
* Actual Outcome: Server side interface has 1 primary ip and no private secondary ip.



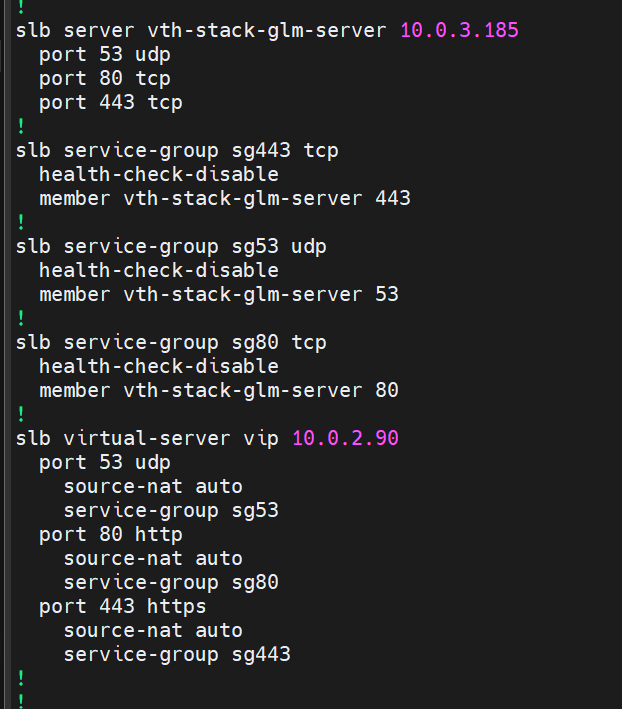
# vThunder IP Configuration

### Slb verification

*vThunder 1(stack name-vth-inst-1)*

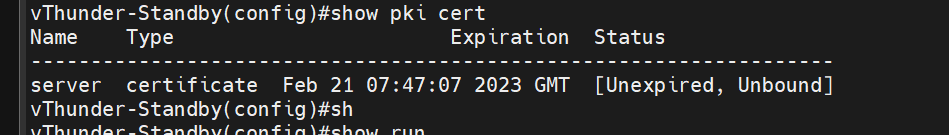
**

*vThunder 2(stack name-vth-inst-2)*

**

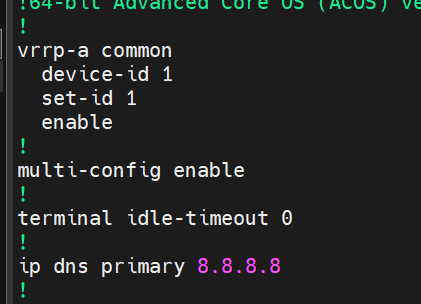
### SSL verification

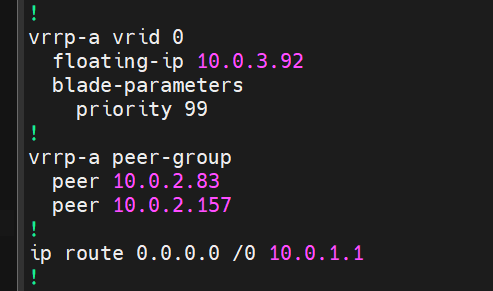
Execute Command -> *show pki cert*



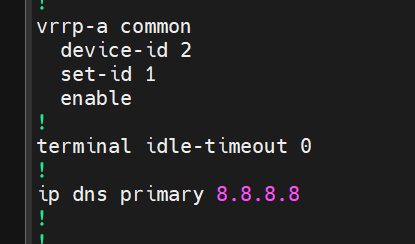
### HA verification

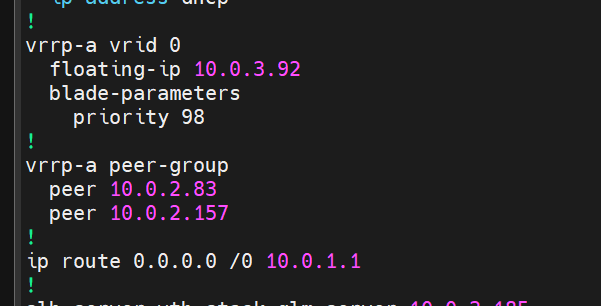
*vThunder 1(stack name-vth-inst-1)*

**

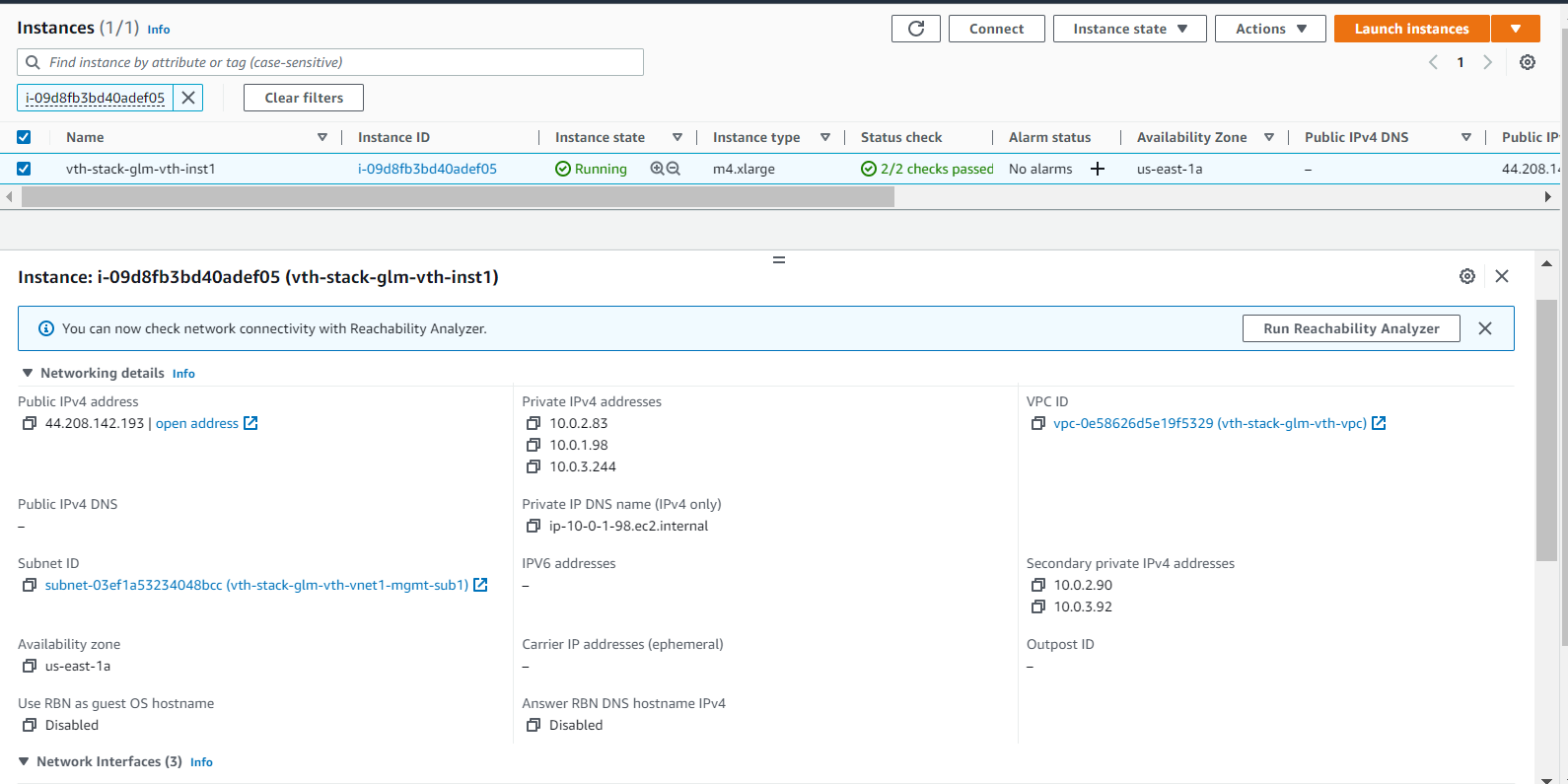
**

*vThunder 2(stack name-vth-inst-2)*

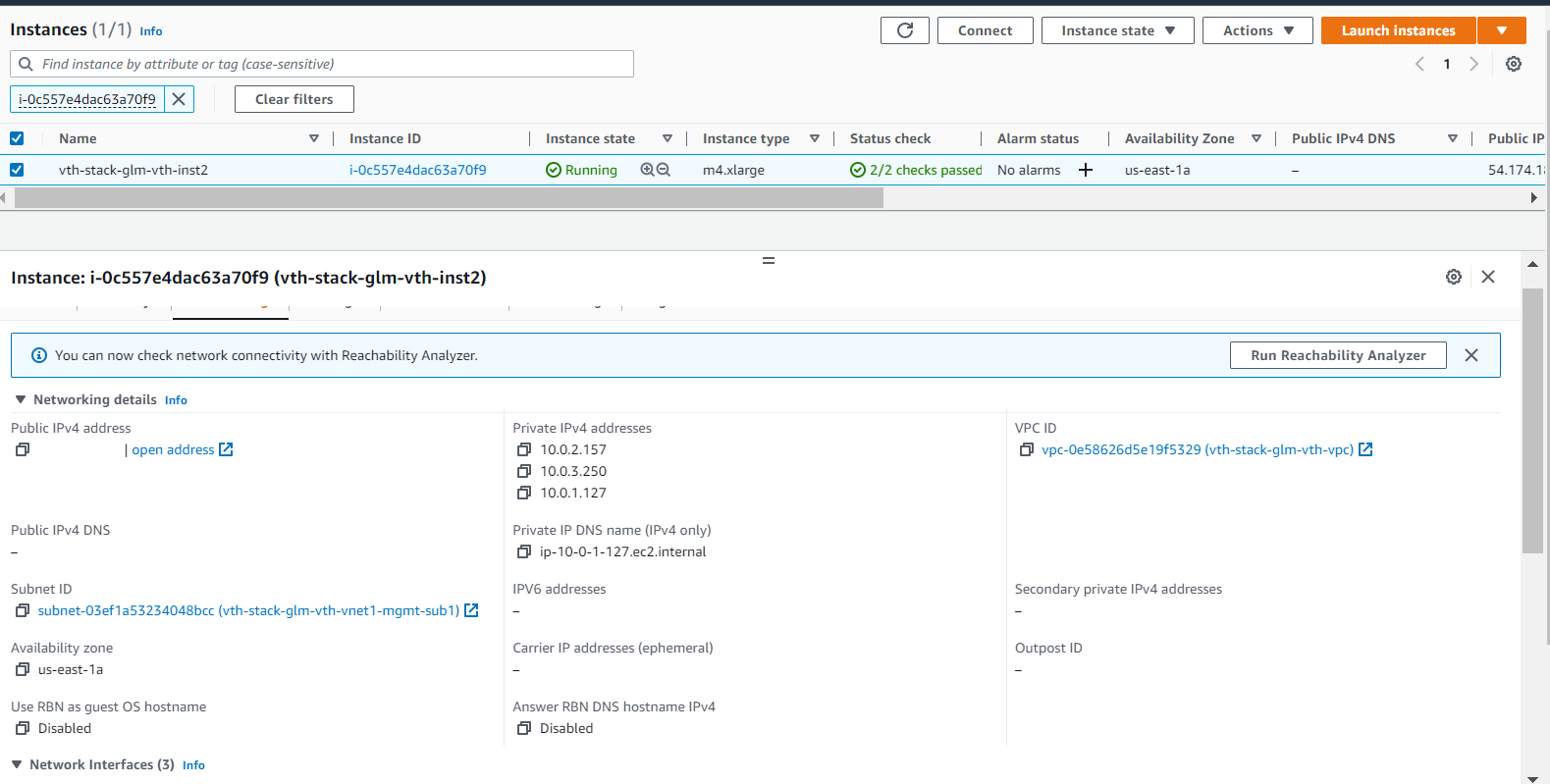




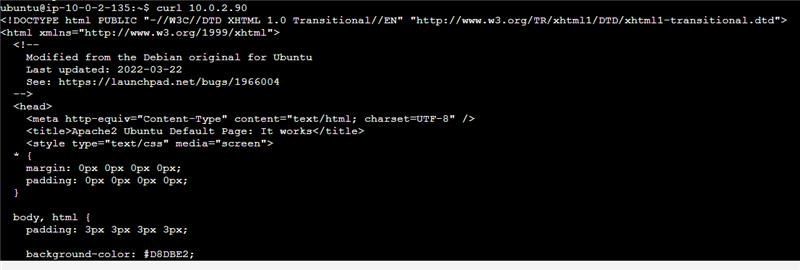
vth-stack1-vth-inst1



vth-stack1-vth-inst2

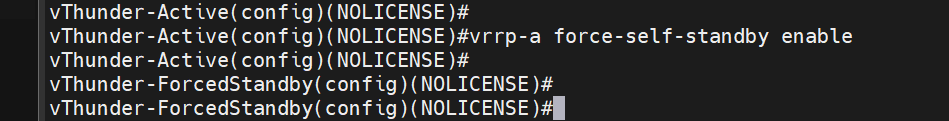


#### Traffic testing

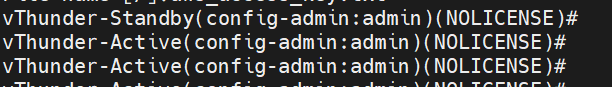


**After forced standby**

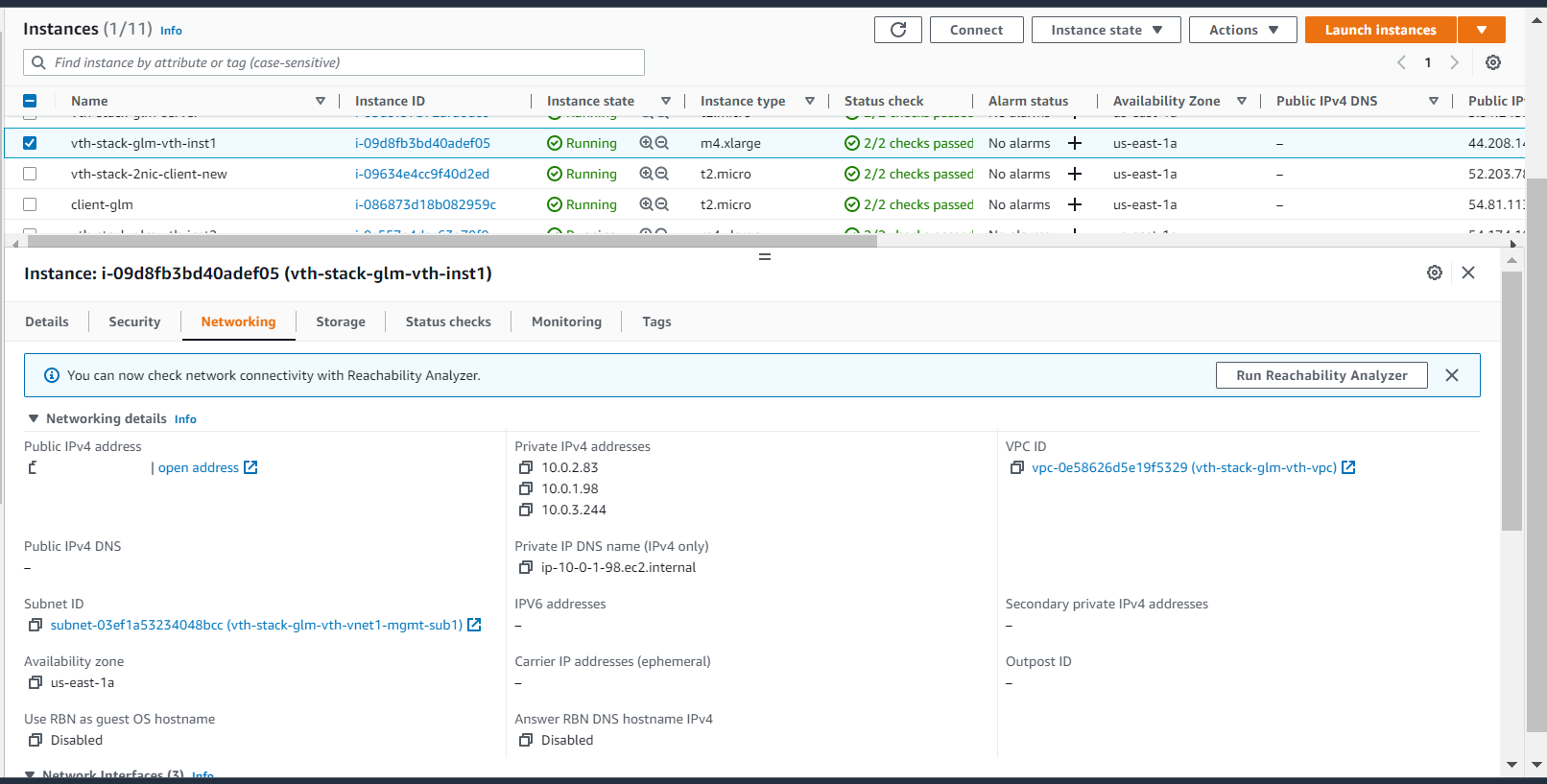
vth-stack1-vth-inst1



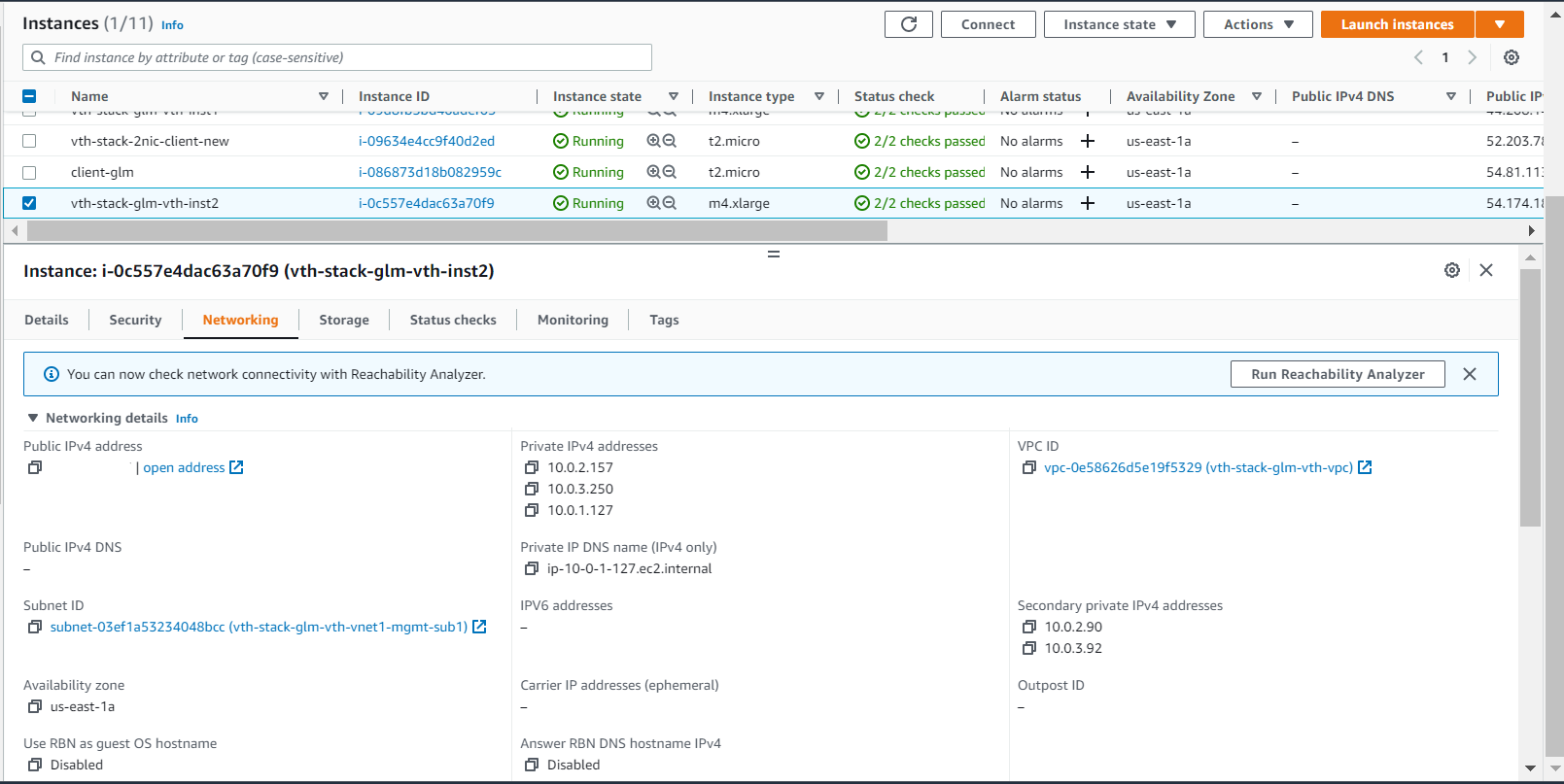
vth-stack1-vth-inst2



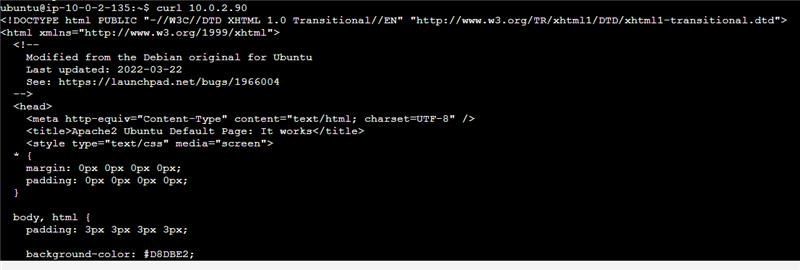
vth-stack1-vth-inst1



vth-stack1-vth-inst2

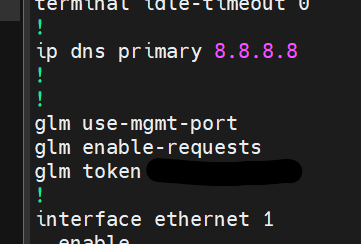


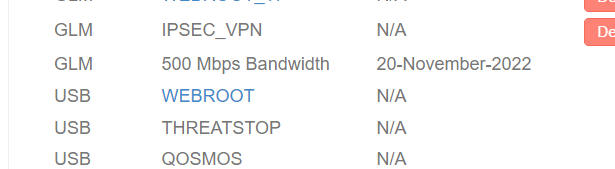
#### Traffic testing



### GLM verification

vth-stack1-vth-inst1





vth-stack1-vth-inst2

