

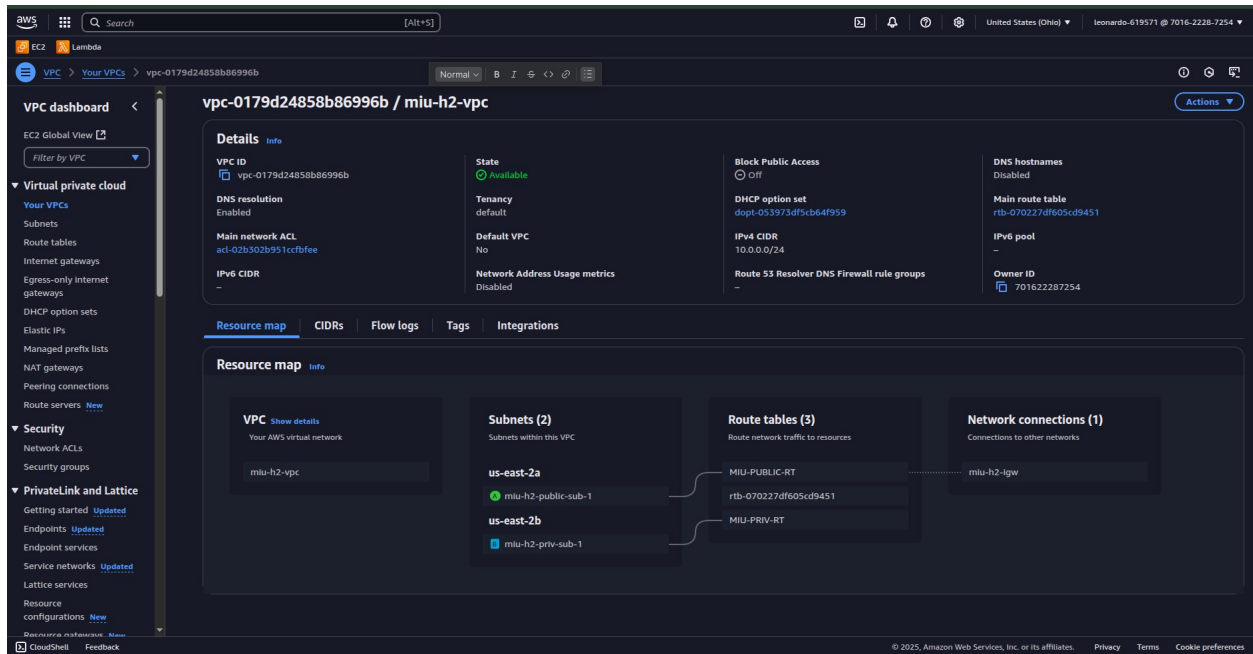
Leonardo Medina #619571

\* VPC

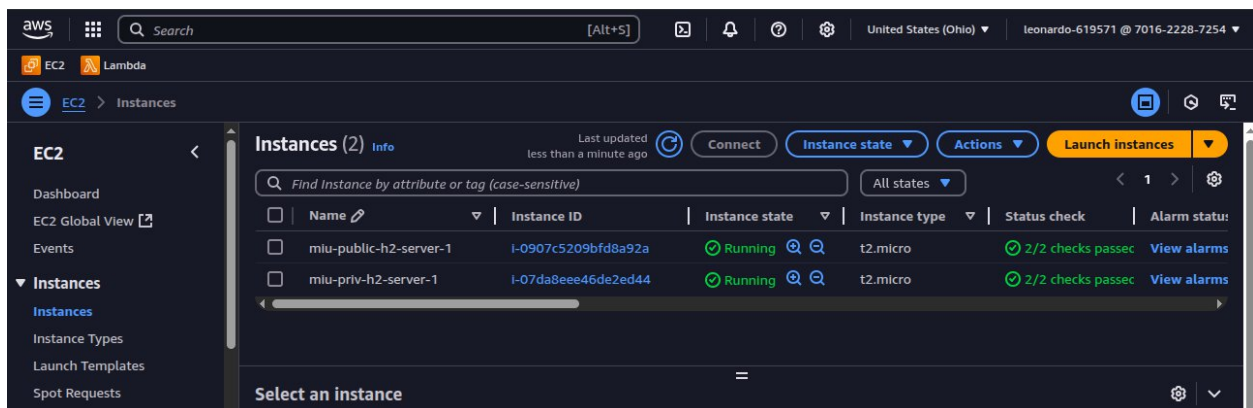
\* Subnets

\* Route Table

\* Internet Gateway



\* EC2 instance



\* Connections to EC2 using SSH

## Public server

Instance summary for i-0907c5209bfd8a92a (miu-public-h2-server-1)

Updated less than a minute ago

Instance ID: i-0907c5209bfd8a92a

Public IPv4 address: 3.145.179.182 [open address]

Instance state: **Running**

Private IP DNS name (IPv4 only): ip-10-0-0-7.us-east-2.compute.internal

Instance type: t2.micro

VPC ID: vpc-0179d2485b86990b (miu-h2-vp)

Subnet ID: subnet-0d66714e7d92749b (miu-h2-sb)

Instance ARN: arn:aws:ec2:us-east-2:701622287254:instance/i-0907c5209bfd8a92a

Hostnames: miu-h2-server-1

Auto-assigned IP address: 3.145.179.182 [Public IP]

IAM Role: ec2-instance-profile

IMDSv2: Required

Operator: -

Stop protection: Off

Monitoring: disabled

Allowed image: ami-058a8a5ab36292159

AMI name: al2023-ami-2023.7.20250428.1-kernel-6.1-x86\_64

Launch time: 2023-07-20 15:00:00 UTC

```
ec2-user@ip-10-0-0-7:~$ cat /etc/hostname
miu-h2-server-1
```

## Public server connected to a private subnet

Instance summary for i-0907c5209bfd8a92a (miu-public-h2-server-1)

Updated less than a minute ago

Instance ID: i-0907c5209bfd8a92a

Public IPv4 address: 3.145.179.182 [open address]

Instance state: **Running**

Private IP DNS name (IPv4 only): ip-10-0-0-7.us-east-2.compute.internal

Instance type: t2.micro

VPC ID: vpc-0179d2485b86990b (miu-h2-vp)

Subnet ID: subnet-0d66714e7d92749b (miu-h2-sb)

Instance ARN: arn:aws:ec2:us-east-2:701622287254:instance/i-0907c5209bfd8a92a

Hostnames: miu-h2-server-1

Auto-assigned IP address: 3.145.179.182 [Public IP]

IAM Role: ec2-instance-profile

IMDSv2: Required

Operator: -

Stop protection: Off

Monitoring: disabled

Allowed image: ami-058a8a5ab36292159

AMI name: al2023-ami-2023.7.20250428.1-kernel-6.1-x86\_64

Launch time: 2023-07-20 15:00:00 UTC

```
ec2-user@ip-10-0-0-7:~$ cat /etc/hostname
miu-h2-server-1
```

The screenshot displays the AWS Management Console interface. On the left, the navigation menu is visible with categories like EC2, Elastic Block Store, and Network & Security. The main content area shows the 'Instance summary' for the instance ID 'i-07da8eee46de2ed44'. The instance is in the 'Running' state. A terminal window is open, showing the command 'ec2-user@ip-10-0-0-21:~\$' and the output of 'ssh-keygen -f /dev/null -C user -t rsa -b 4096', which generates a new SSH key pair. The terminal also shows the command 'ssh-keygen -f /dev/null -C user -t rsa -b 4096' and the output 'The authenticity of host '10.0.0.21' (10.0.0.21) can't be established. ED25519 key fingerprint is SHA256:8F95tKITzian66ZqQB0/qraHcFfsV9zv1COVYVtuhM. This key is not known by any other names. Are you sure you want to continue connecting (yes/no/[fingerprint])? y Please type 'yes', 'no' or the fingerprint: y Please type 'yes', 'no' or the fingerprint: yes Warning: Permanently added '10.0.0.21' (ED25519) to the list of known hosts. Amazon Linux 2023 https://aws.amazon.com/linux/amazon-linux-2023'.