Final Project Lab

Brandon Trinkle

Information Technology, Arizona State University

IFT 320: Managing the Cloud

Professor Rahul Kashyap

10/7/2024

Final Lab

Figure 1

A Screenshot of the two EC2 instances.

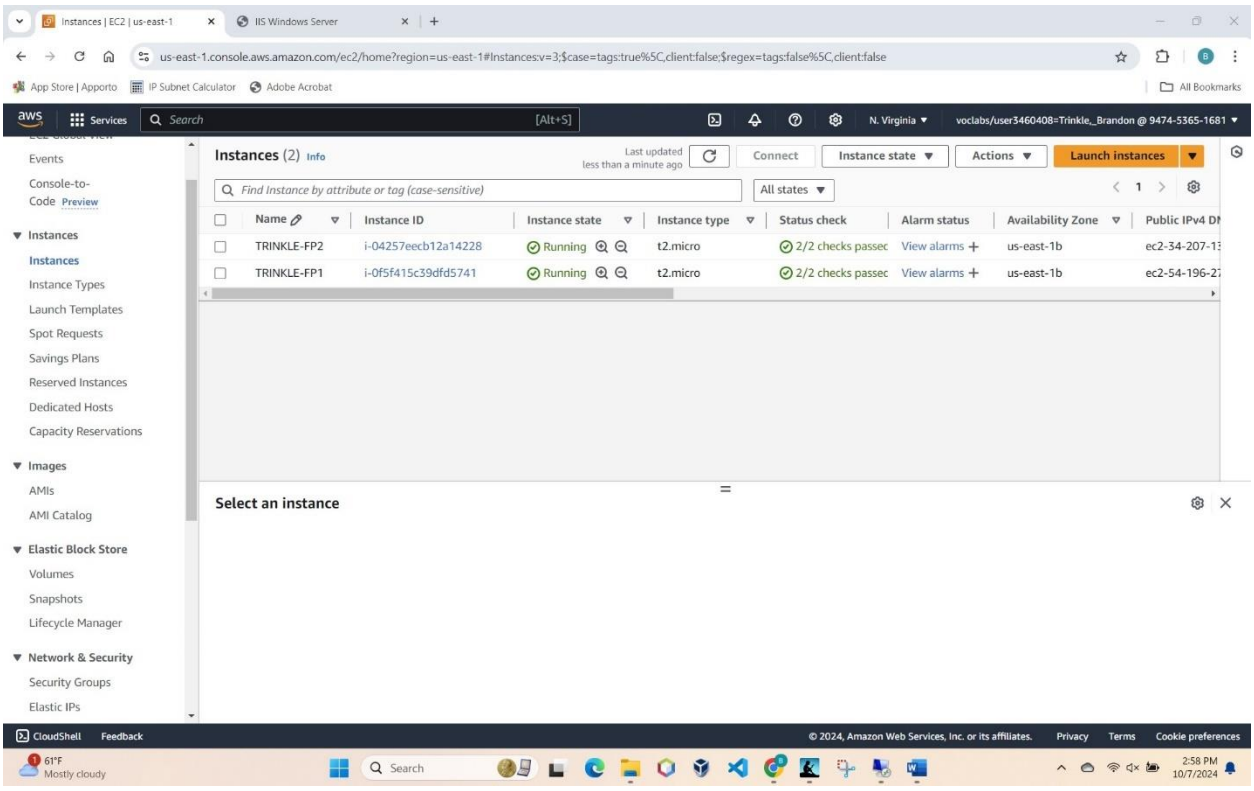


Figure 2

Screenshot of the Security group

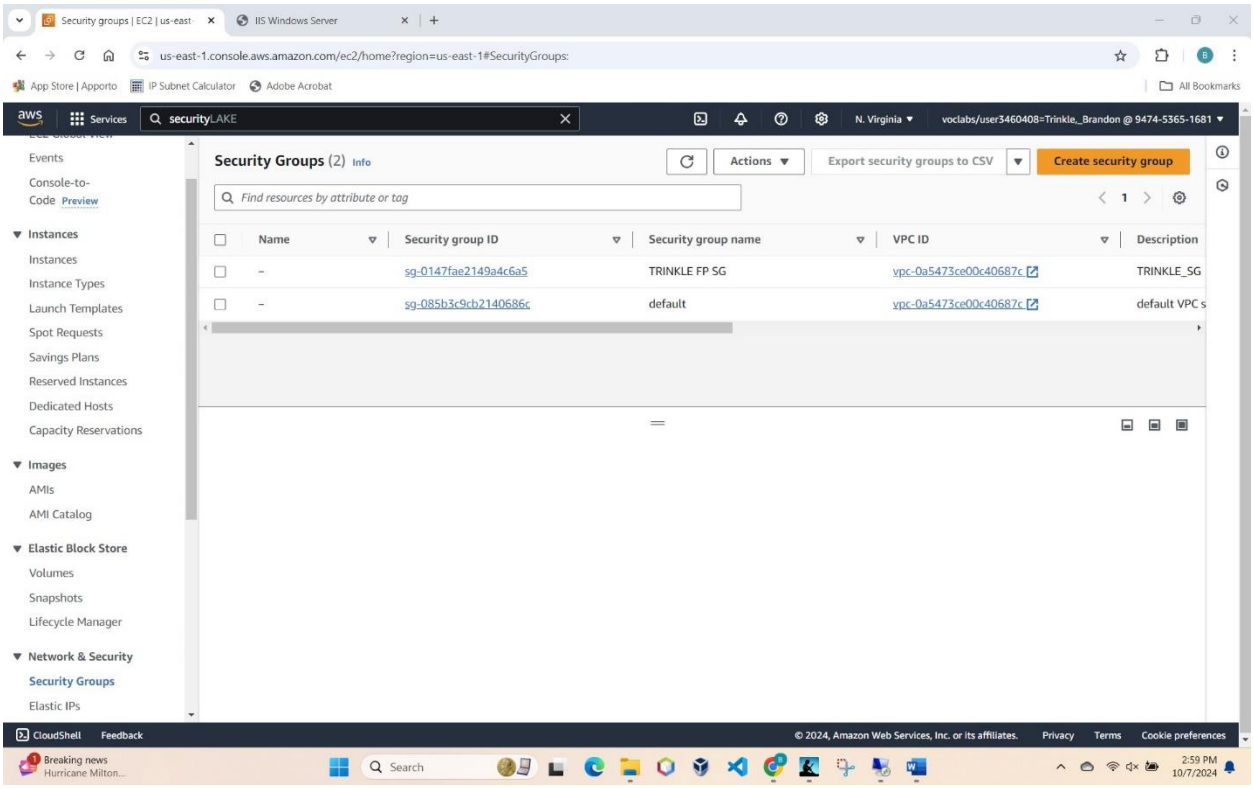
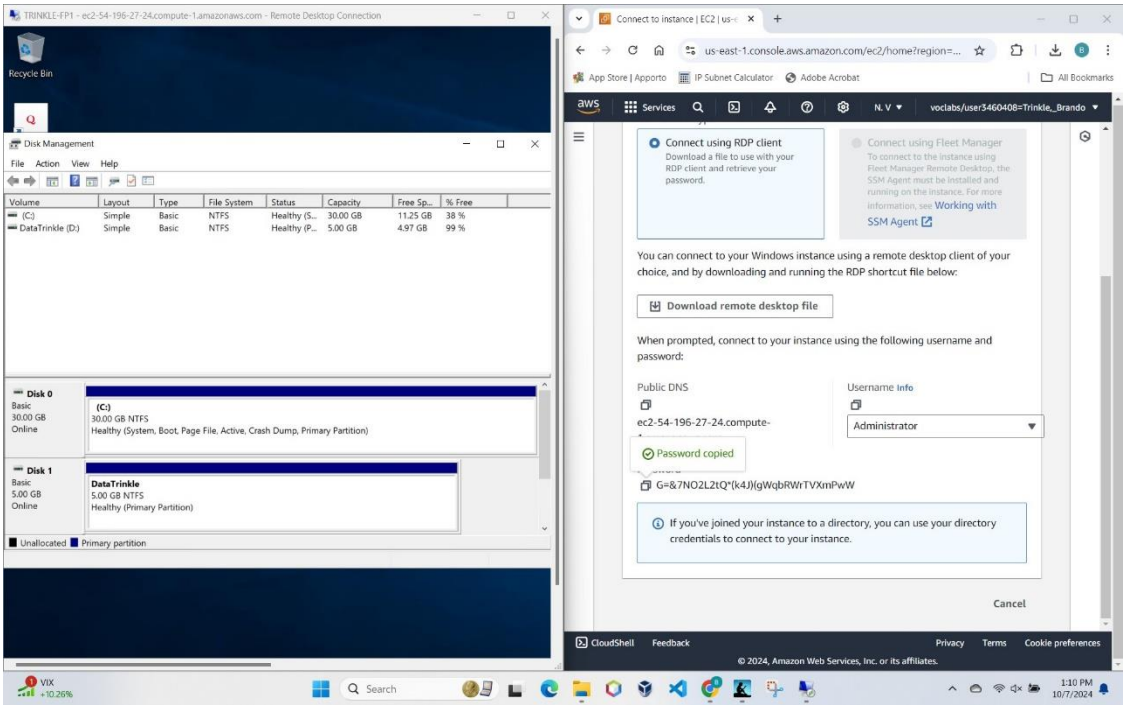


Figure 3

Screenshot of attaching the 5gb EBS storage to both instances



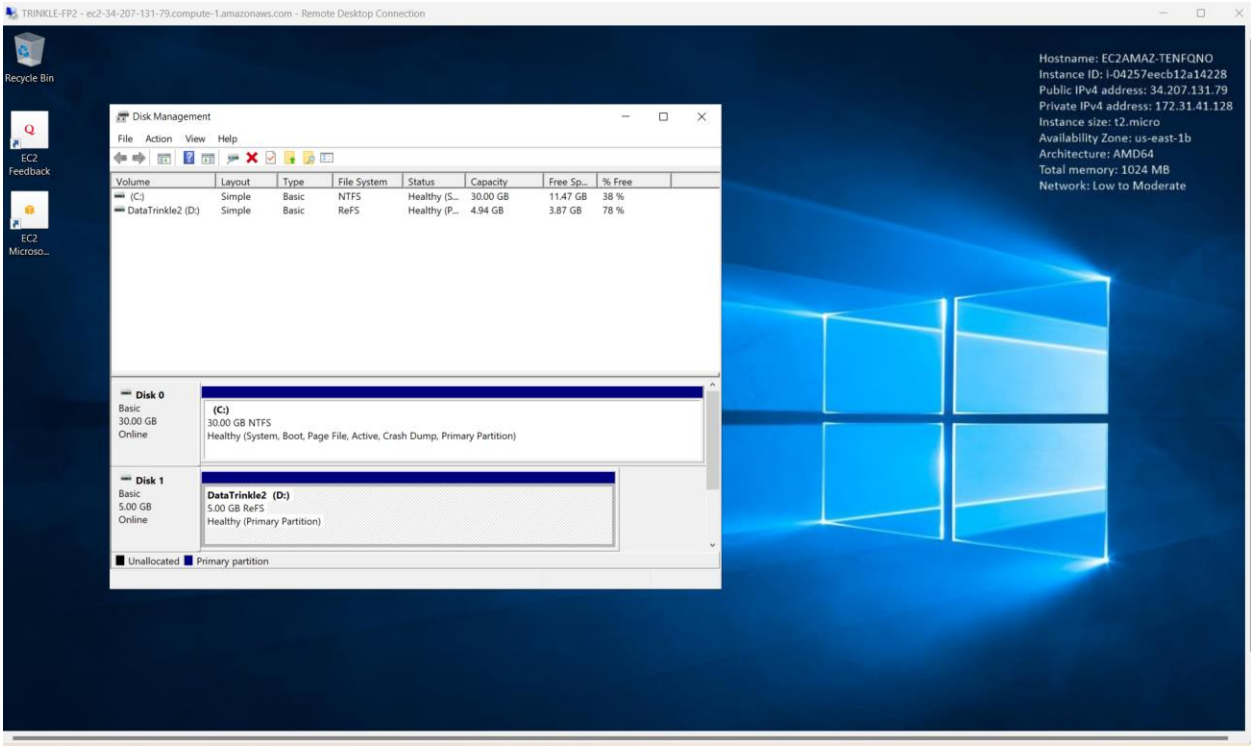
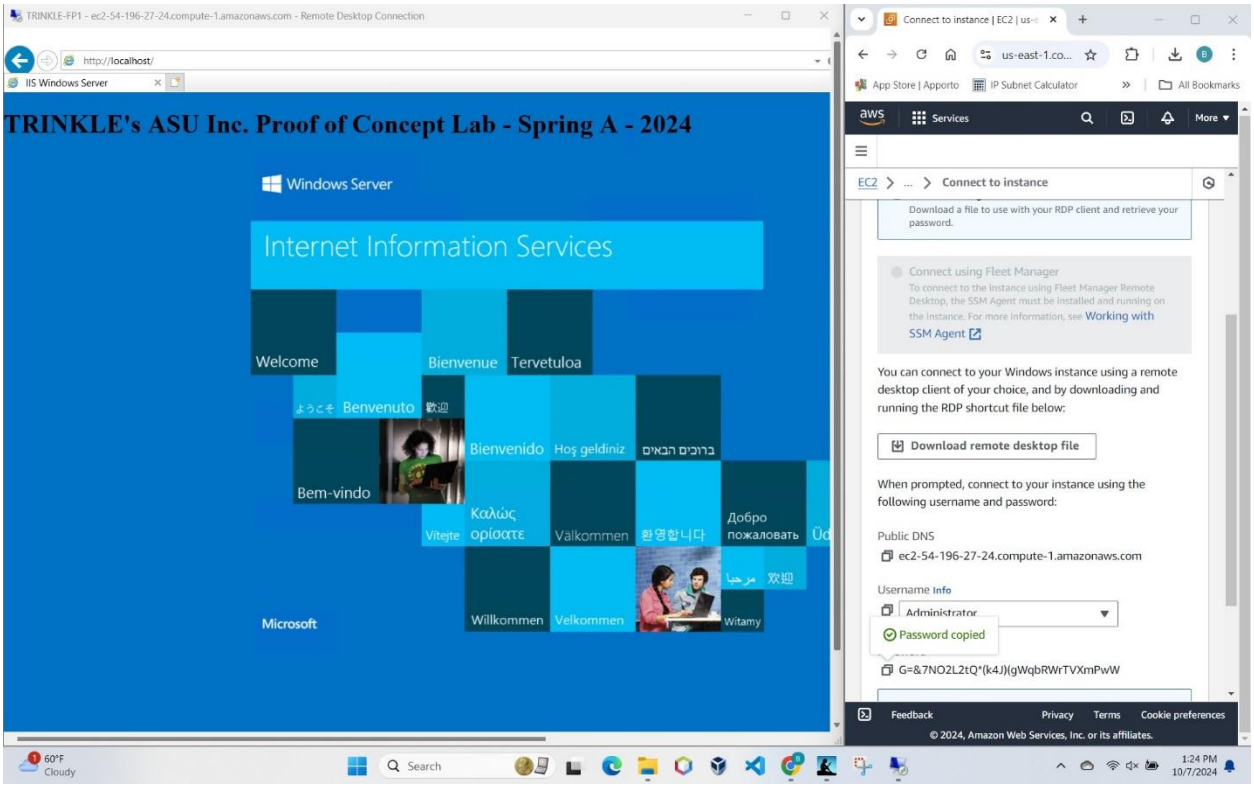


Figure 4

Screenshot of IIS webpage through Windows Server on the Remote Connection.



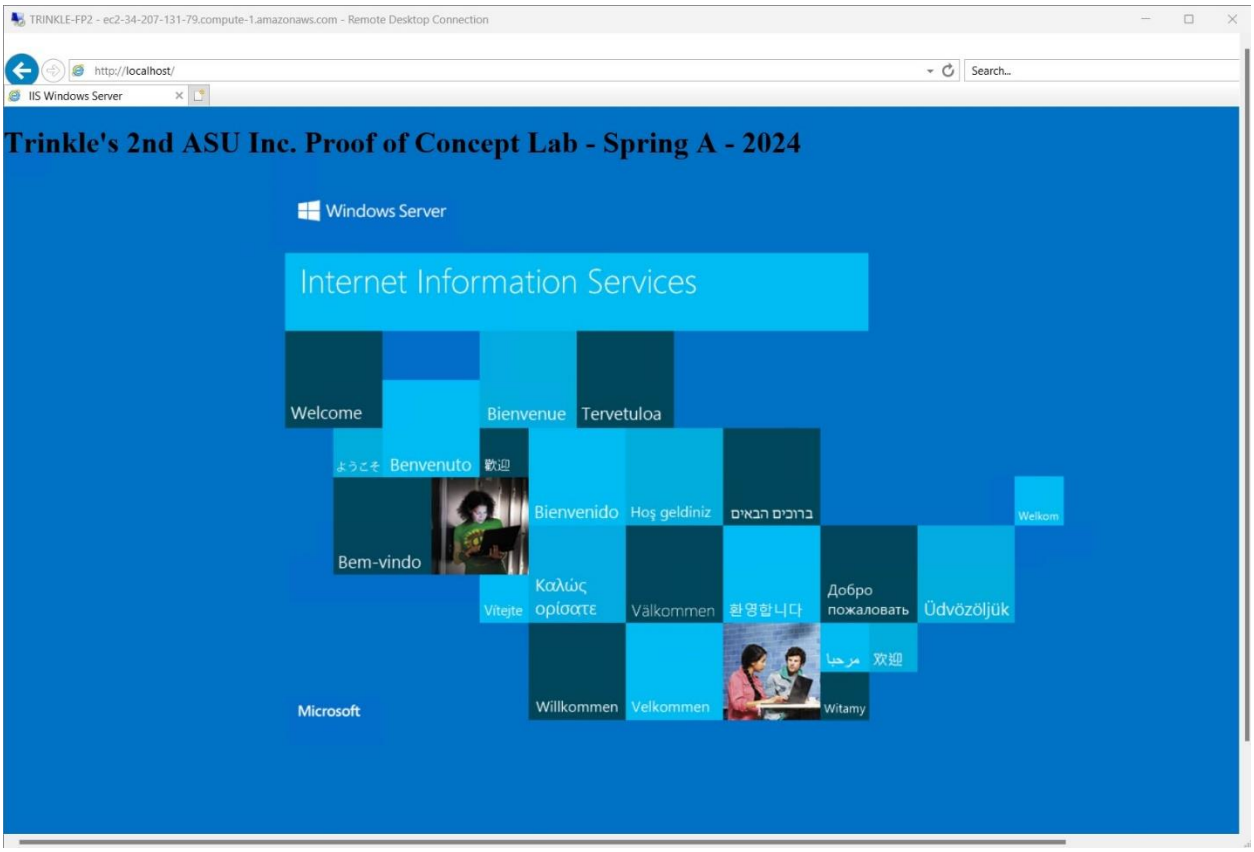
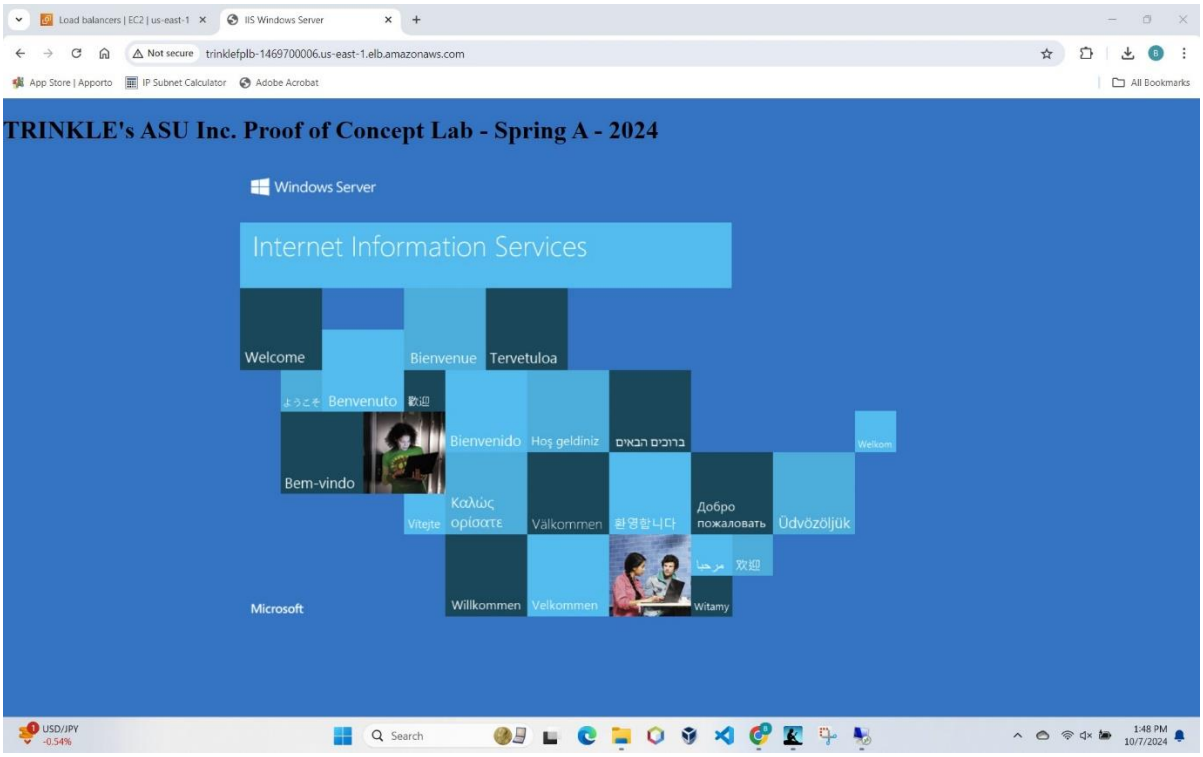


Figure 5

Screenshot of web page through load balancer



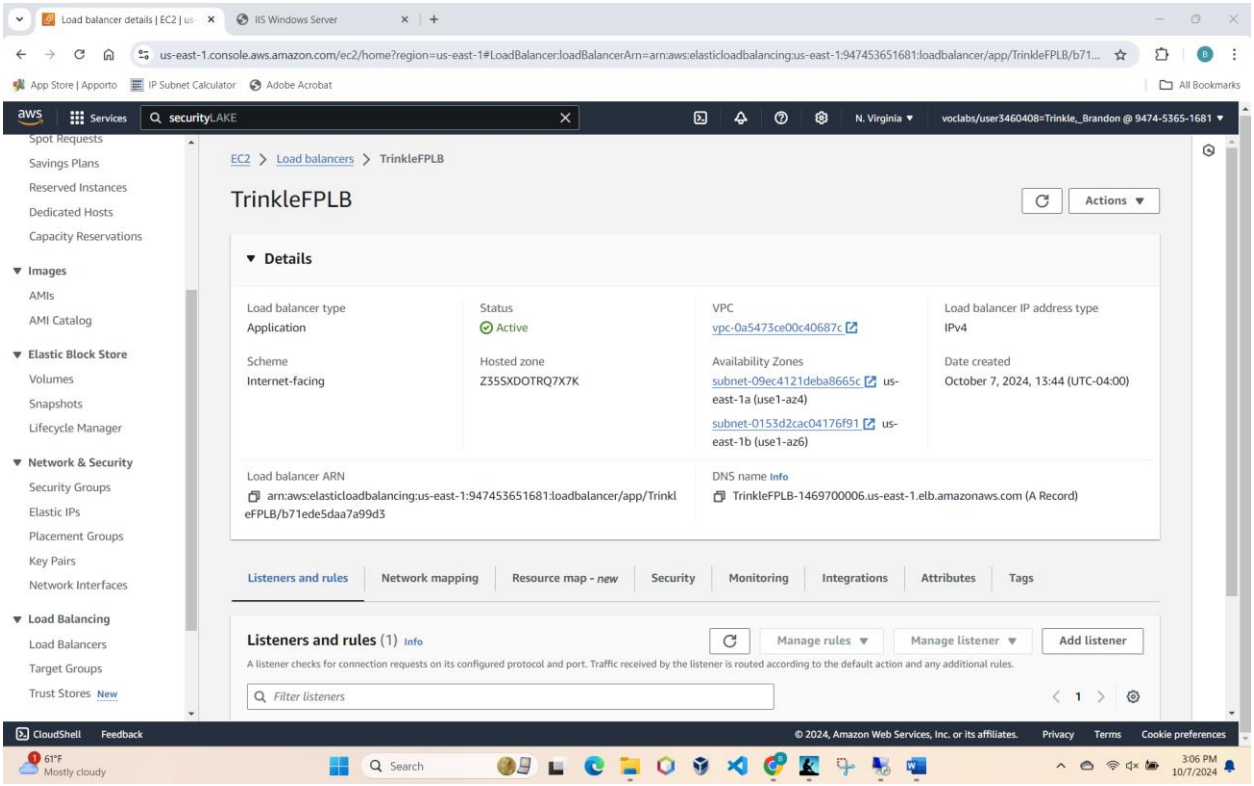


Figure 6

Unable to use route53

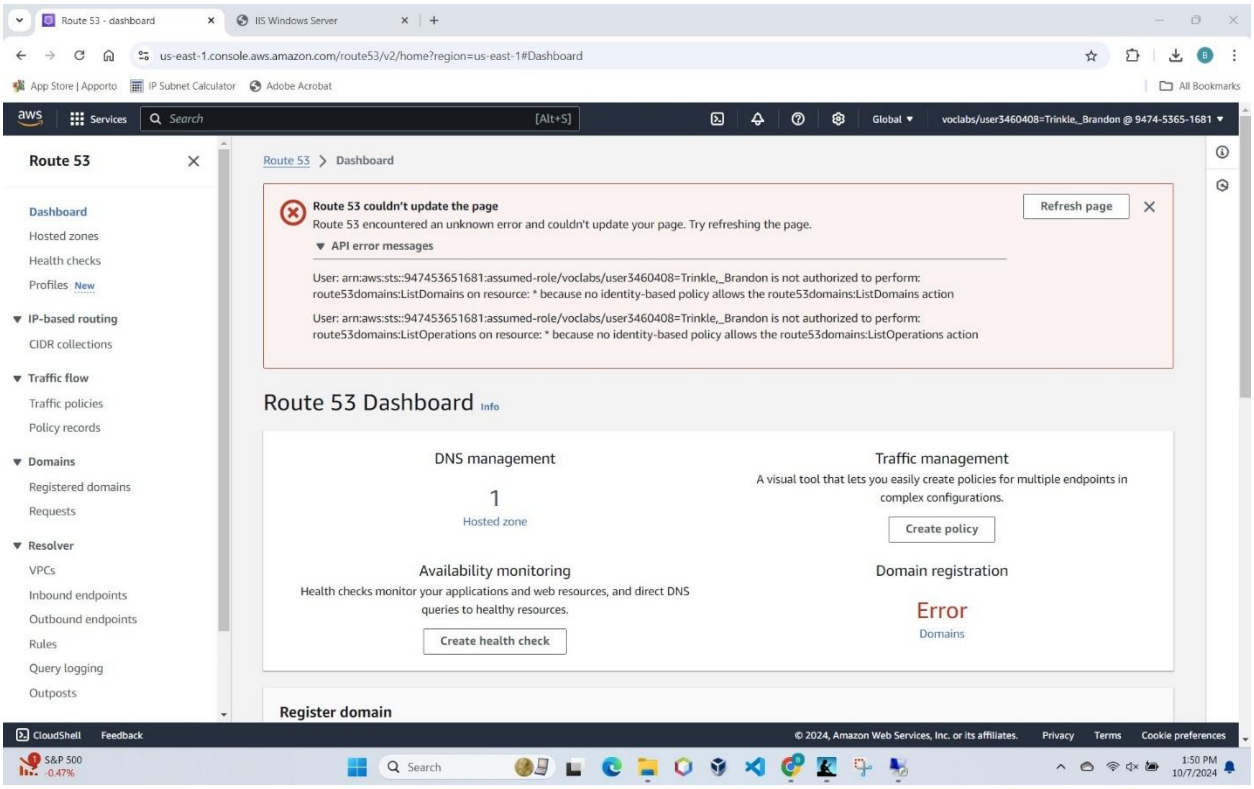
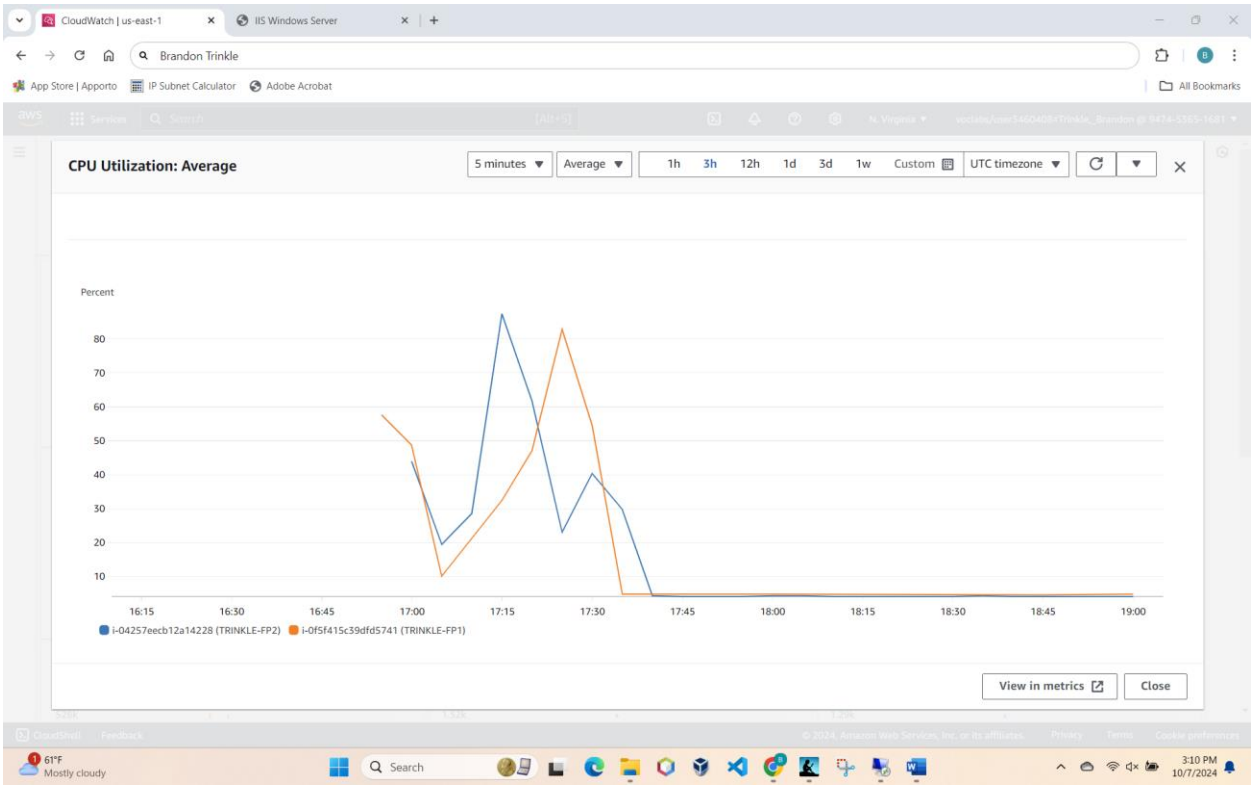


Figure 7

Screenshot of cloudwatch


CloudWatch | us-east-1
IIS Windows Server
Brandon Trinkle
CPU Utilization: Average
5 minutes
Average
1h 3h 12h 1d 3d 1w Custom
UTC timezone
Percent
80
70
60
50
40
30
20
10
16:15 16:30 16:45 17:00 17:15 17:30 17:45 18:00 18:15 18:30 18:45 19:00
i-04257eecb12a14228 (TRINKLE-FP2)
i-0f5f415c39dfd5741 (TRINKLE-FP1)
View in metrics
Close
61°F
Mostly cloudy
Search
3:10 PM
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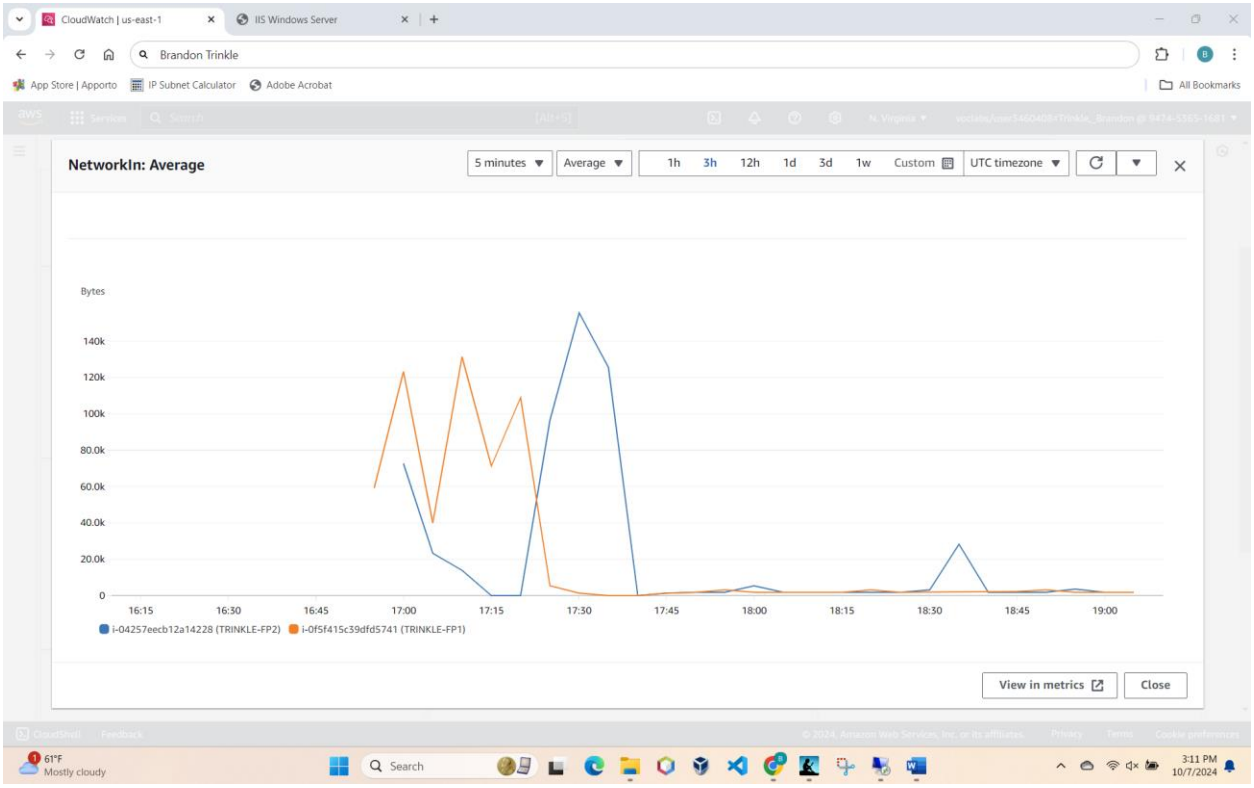

CloudWatch | us-east-1
IIS Windows Server
Brandon Trinkle
NetworkIn: Average
5 minutes
Average
1h 3h 12h 1d 3d 1w Custom
UTC timezone
Bytes
140k
120k
100k
80.0k
60.0k
40.0k
20.0k
0
16:15 16:30 16:45 17:00 17:15 17:30 17:45 18:00 18:15 18:30 18:45 19:00
i-04257eecb12a14228 (TRINKLE-FP2)
i-0f5f415c39dfd5741 (TRINKLE-FP1)
View in metrics
Close
61°F
Mostly cloudy
Search
3:11 PM
10/7/2024

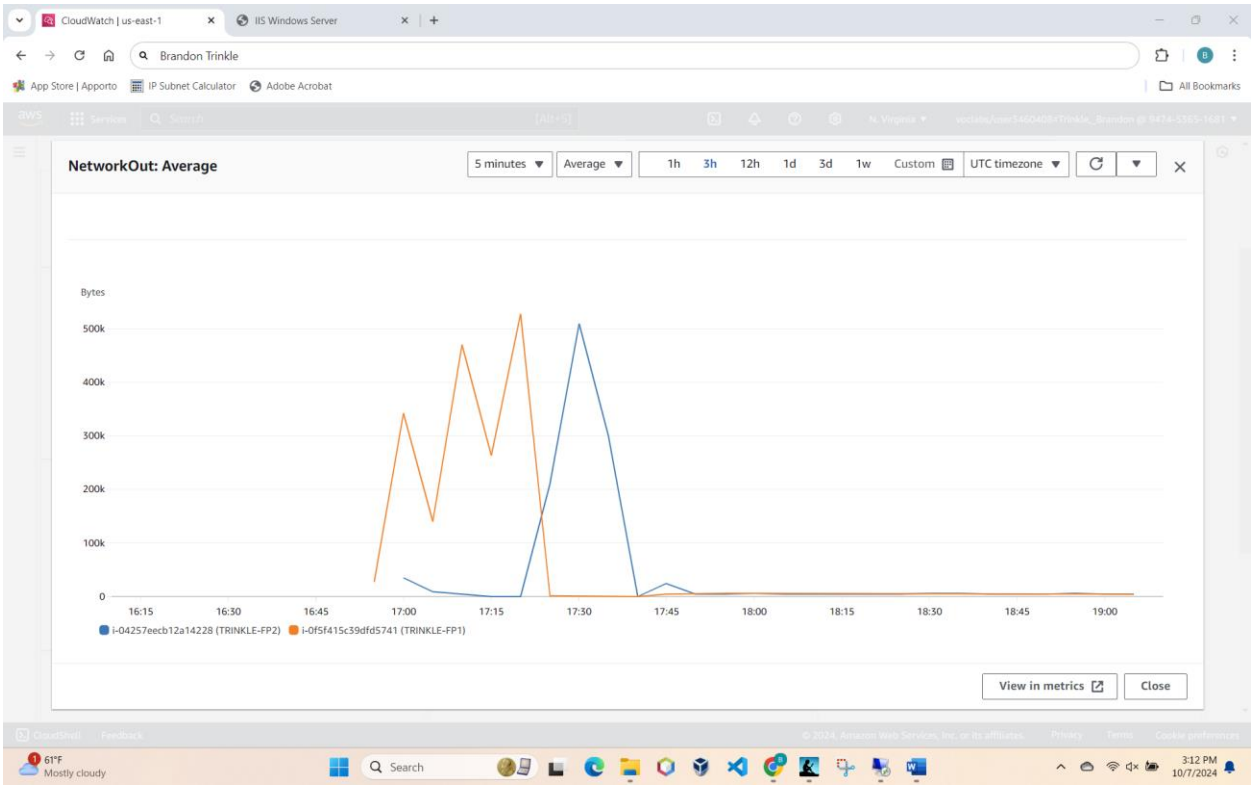
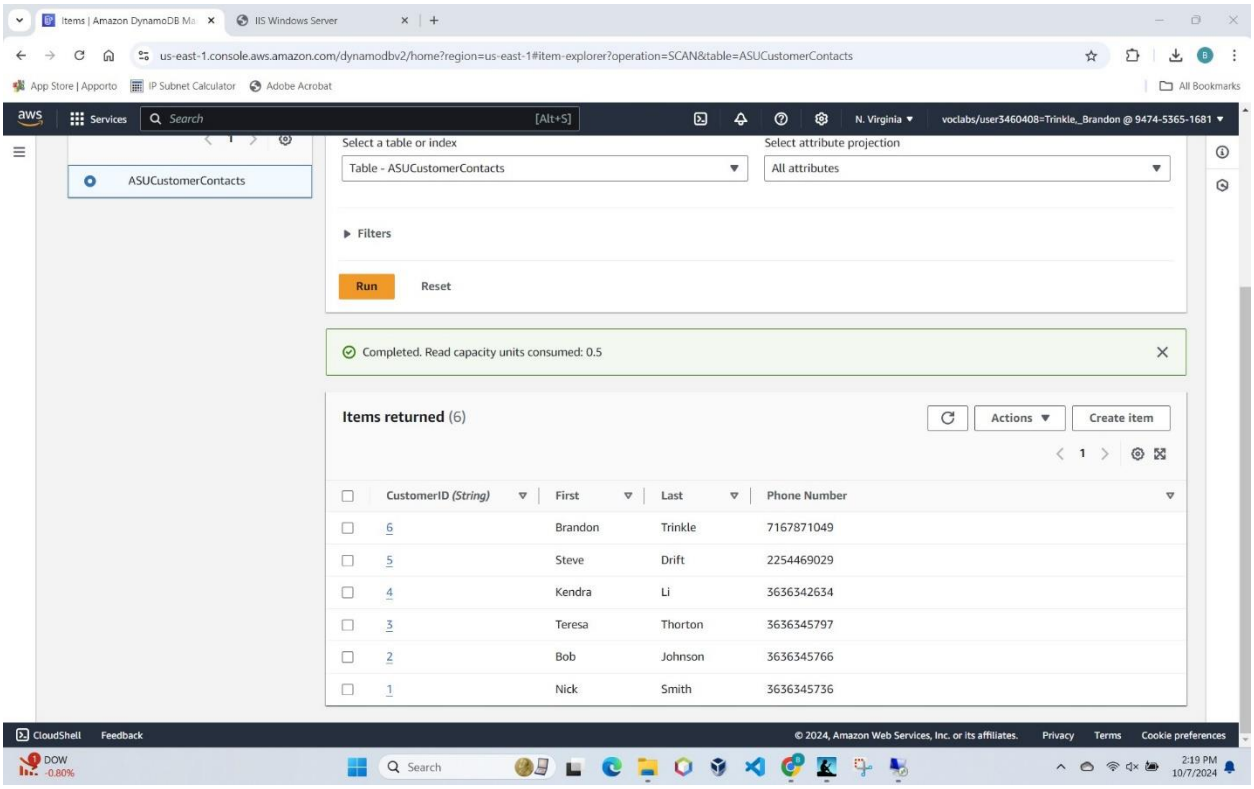


Figure 8

Screenshot of DynamoDB table


Items | Amazon DynamoDB
IIS Windows Server
us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?operation=SCAN&table=ASUCustomerContacts
Services
Search
[Alt+S]
N. Virginia
voclabs/user3460408=Trinkle,_Brandon @ 9474-5365-1681
ASUCustomerContacts
Select a table or index
Table - ASUCustomerContacts
Select attribute projection
All attributes
Filters
Run
Reset
Completed. Read capacity units consumed: 0.5
Items returned (6)
Actions
Create item
CustomerID (String)
First
Last
Phone Number
6 Brandon Trinkle 7167871049
5 Steve Drift 2254469029
4 Kendra Li 3636342634
3 Teresa Thorton 3636345797
2 Bob Johnson 3636345766
1 Nick Smith 3636345736
CloudShell
Feedback
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