PROJECT: V1.1

INFRASTRUCTURE AS CODE

Jamal Tadrous

AGENDA

TOPICS COVERED

TOPIC 1:
WHAT IS V1_0 AND WHAT IS EXCPECTED OF V1.1?

TOPIC 2:
WHAT_HOW_WHY
WHAT WAS MY APPROACH?

TOPIC 3:
WHAT DO I HAVE?

- DIAGRAMS
- CODE

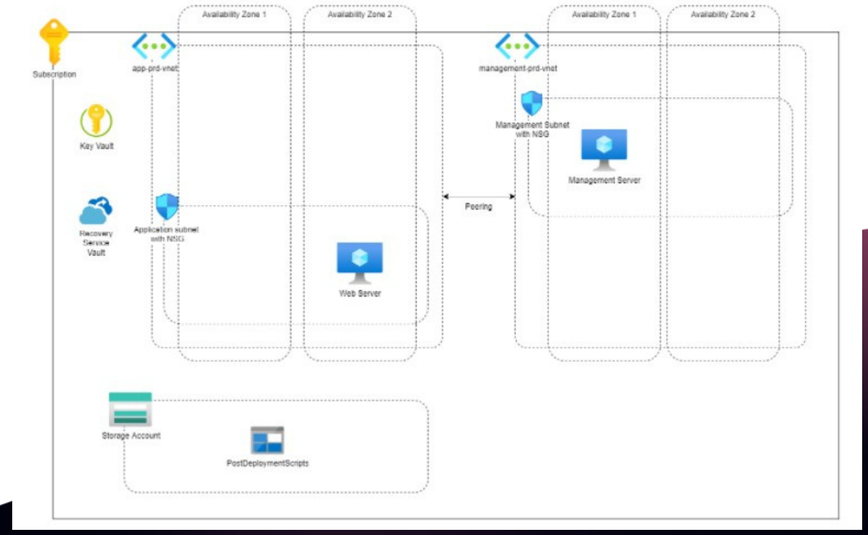
DEMO TIME

TOPIC 4:
DIRECTION & CONCLUSION

TOPIC 1:

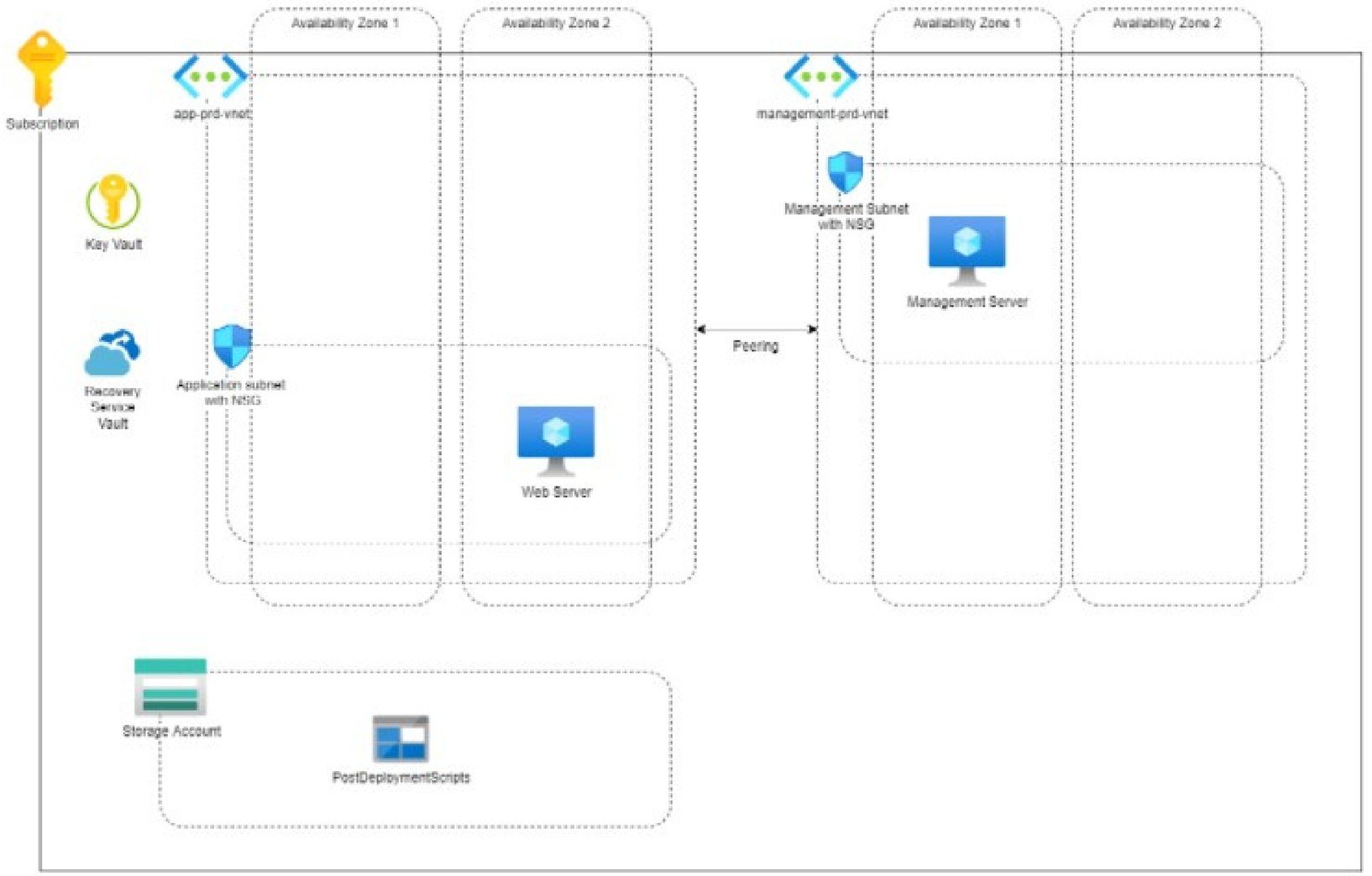
WHAT IS V1.0?

- Creation of infrastructure
- Automation
- Templates



TOPIC 1:

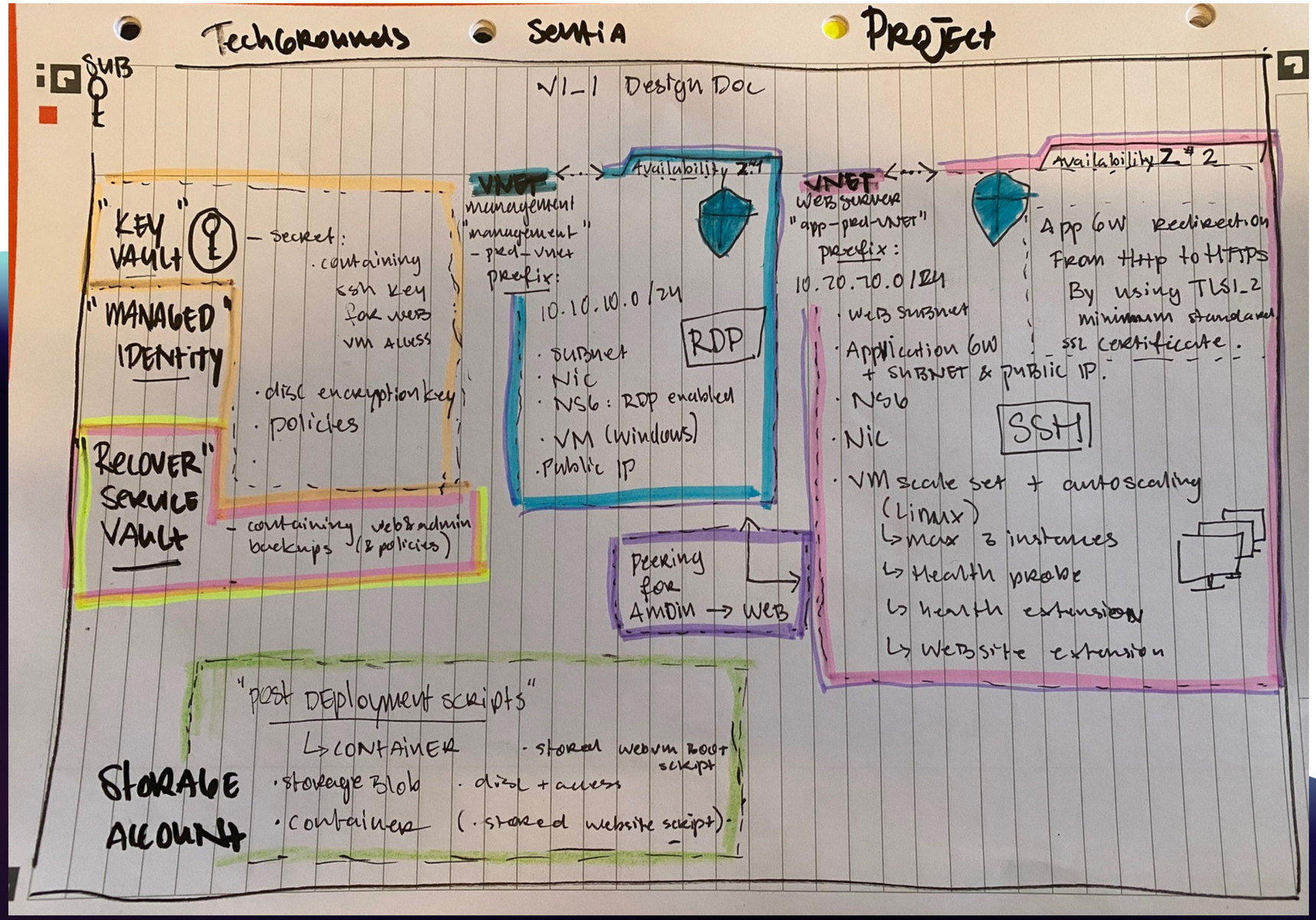
V1.0 SCOPE



TOPIC 1:

V1.1 SCOPE // DESIGN DIAGRAM

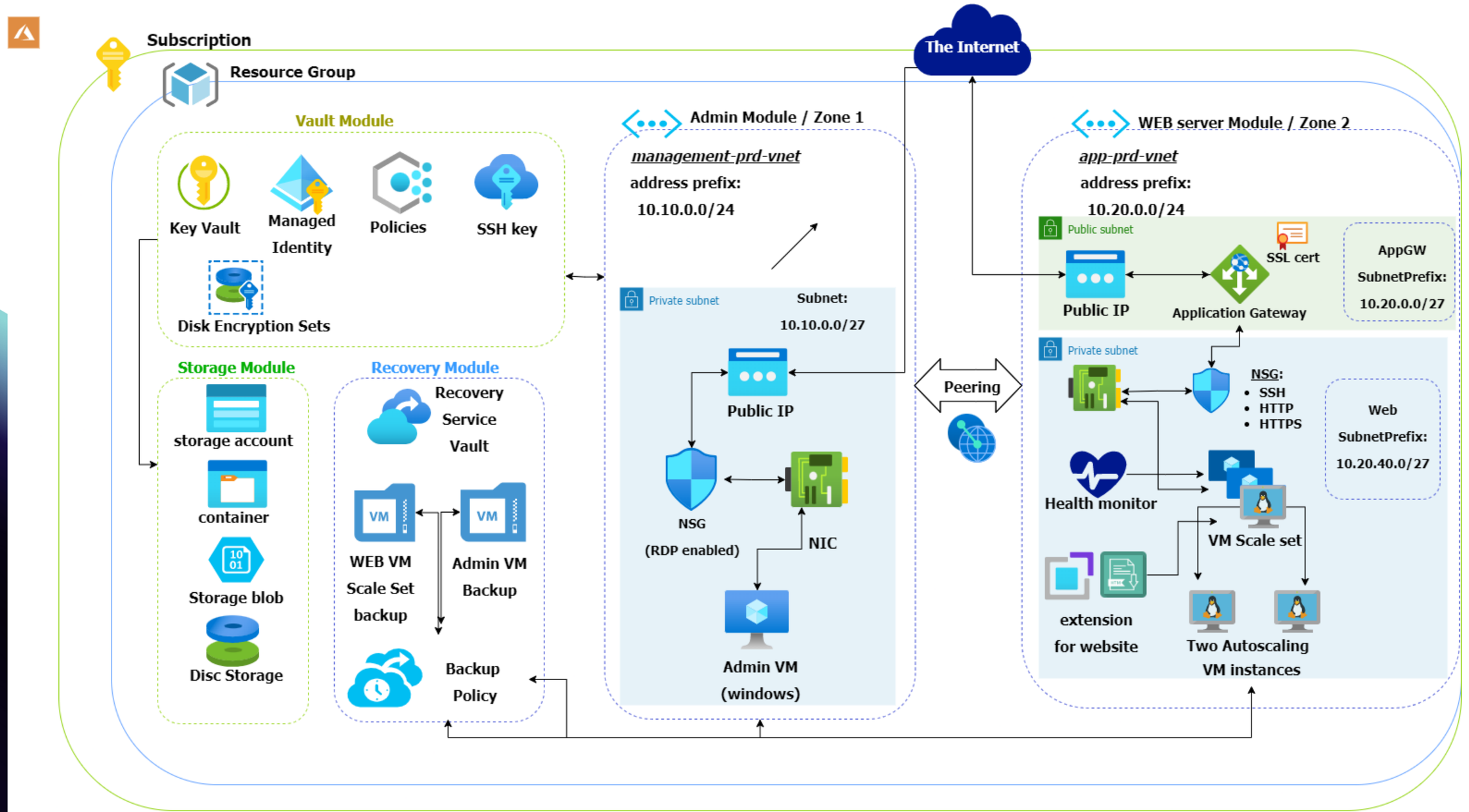
1:



TOPIC 1:

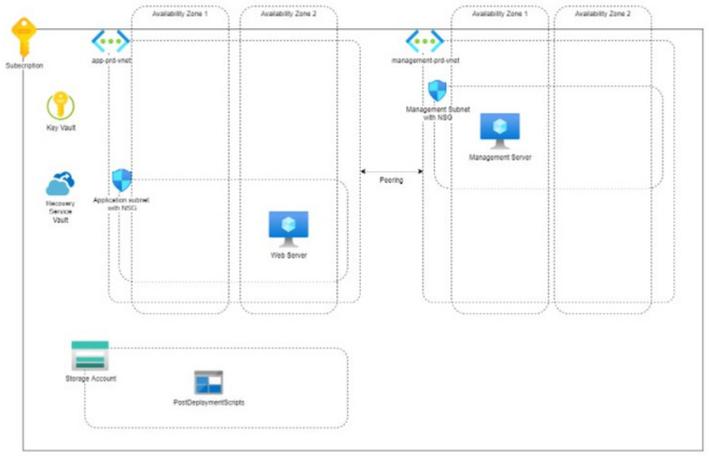
V1.1 SCOPE // DESIGN DIAGRAM

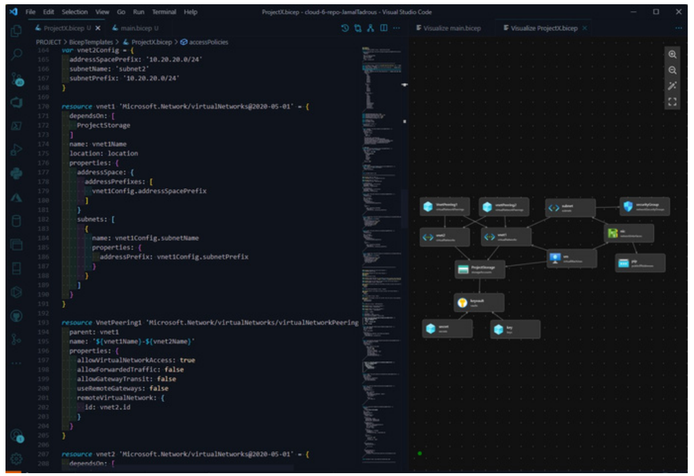
2:

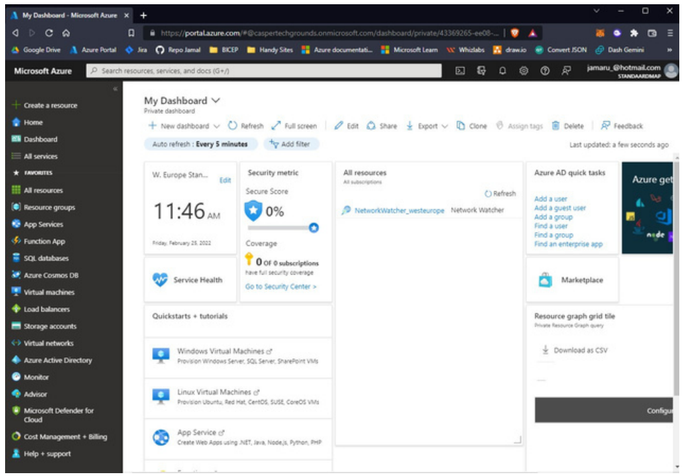


TOPIC 2:

WHAT_HOW_WHY







What

- Creating Infrastructure through code

How

- Azure Bicep
- Code Editor

Goal

- Deployable Infrastructue

TOPIC 2:

WHAT WAS MY APPROACH?

What is Bicep?

declarative coding

How do i write the code?

How do i make the template?

How do i deploy the template?

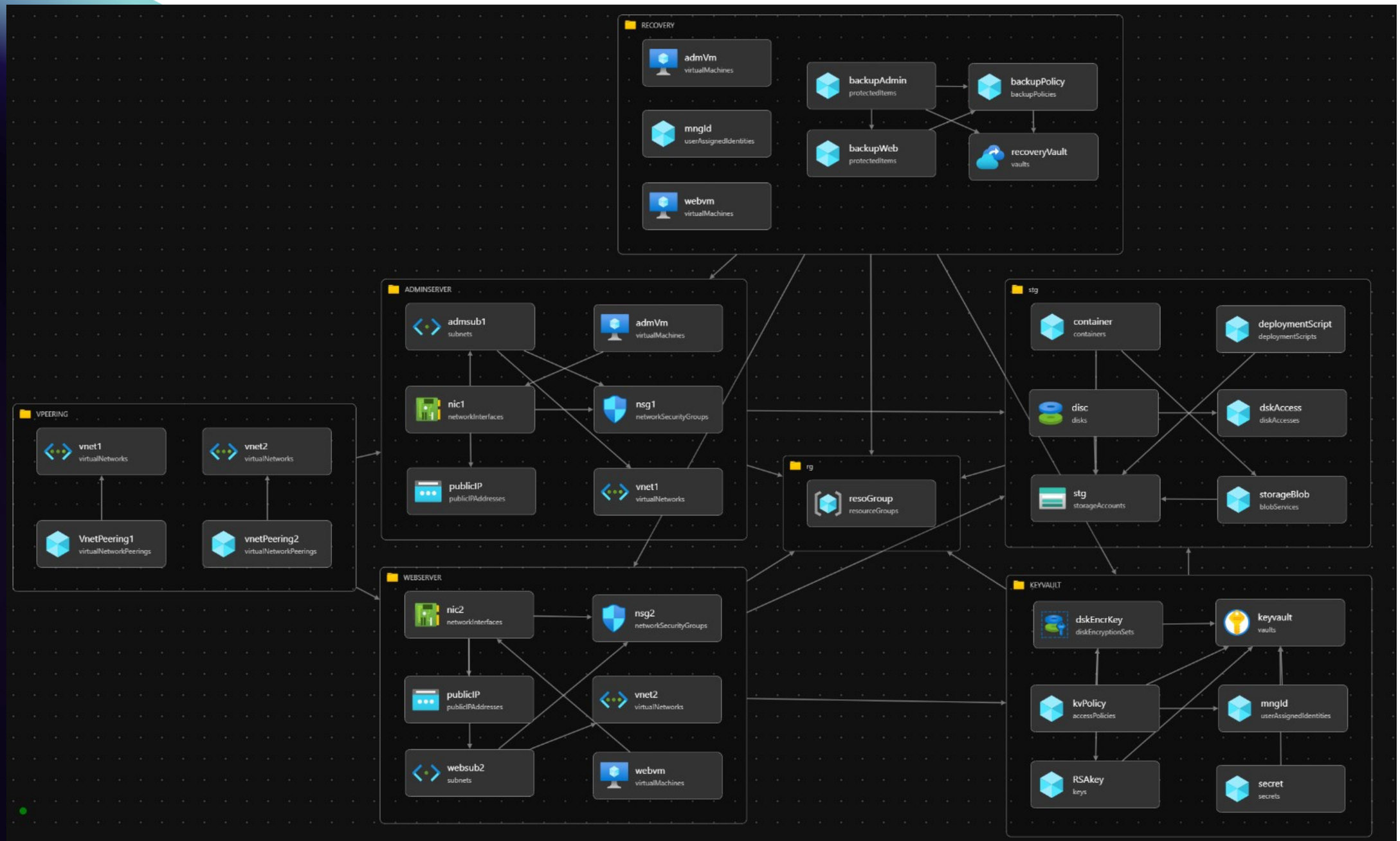
TOPIC 3:

WHAT DO I HAVE?

- DIAGRAM V1_0
- DIAGRAM V1_1

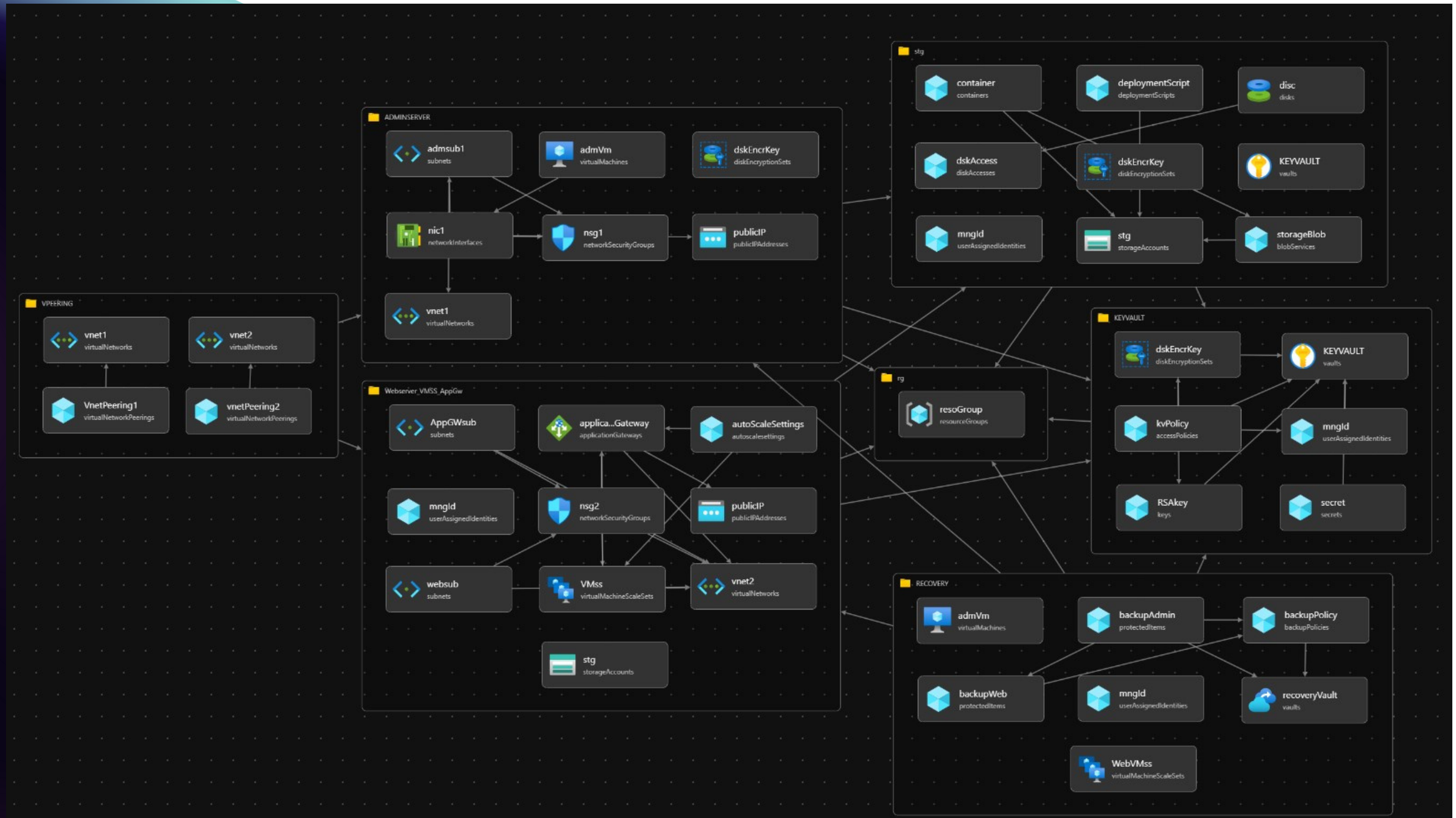
TOPIC 3:

DIAGRAM V1_0



TOPIC 3:

DIAGRAM V1_1



TOPIC 3:

/Main.bicep

containing:

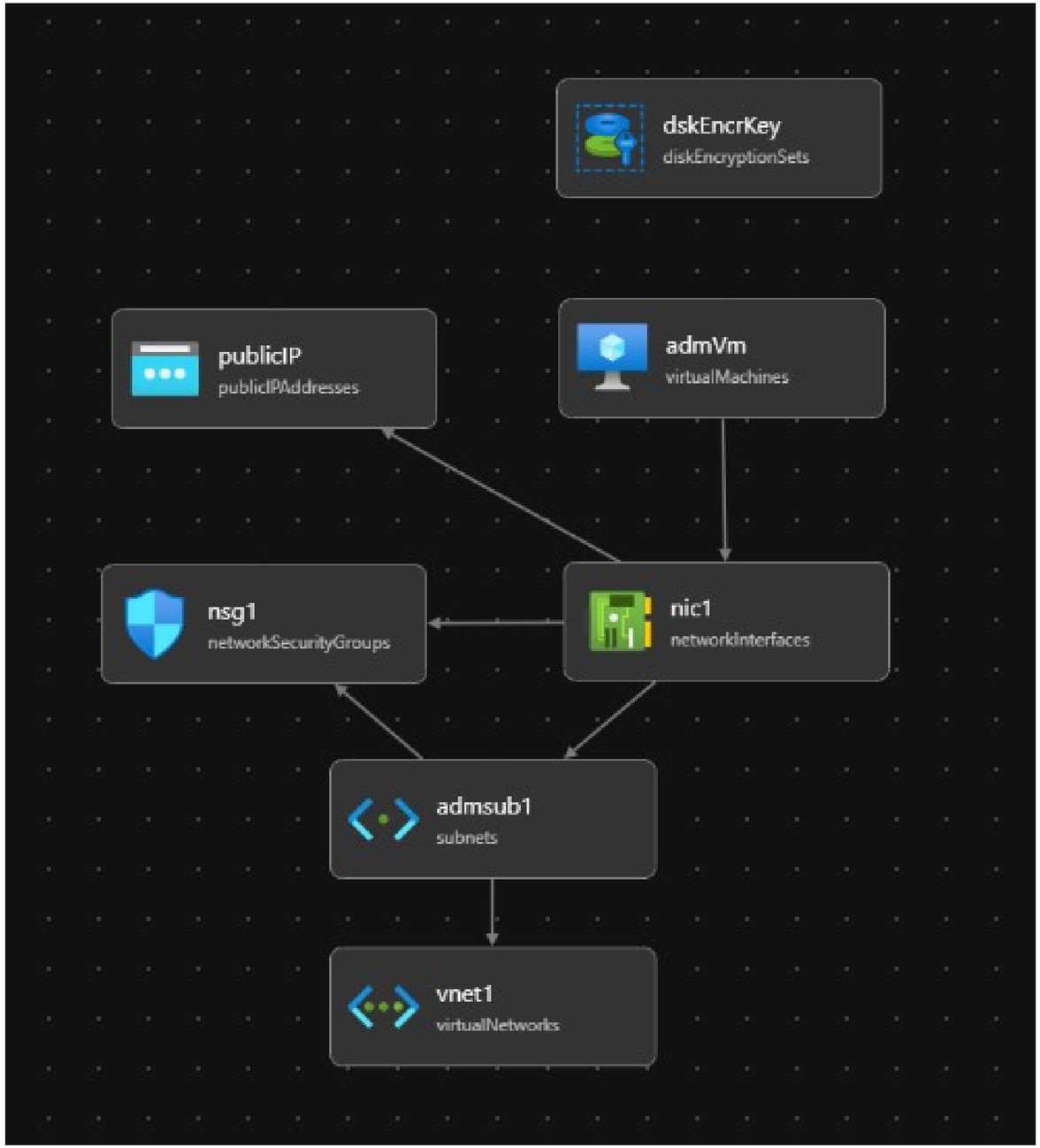
- RESOURCEGROUP
- STORAGE ACCOUNT
- ADMINSERVER
- WEBSERVER
- PEERING
- KEYVAULT
- RECOVERY SERVICE VAULT

MODULES

TOPIC 3:

ADMIN SERVER

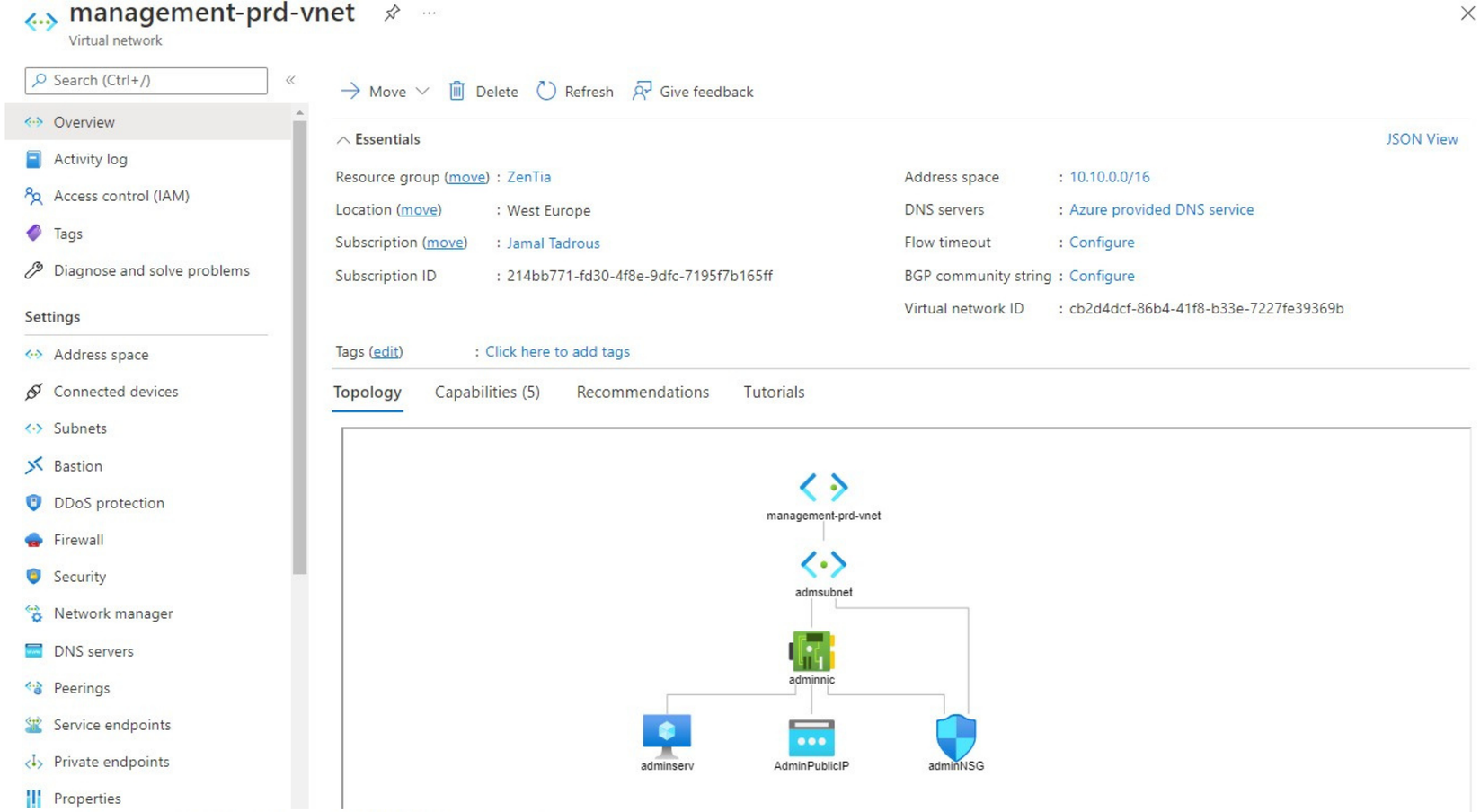
MODULE

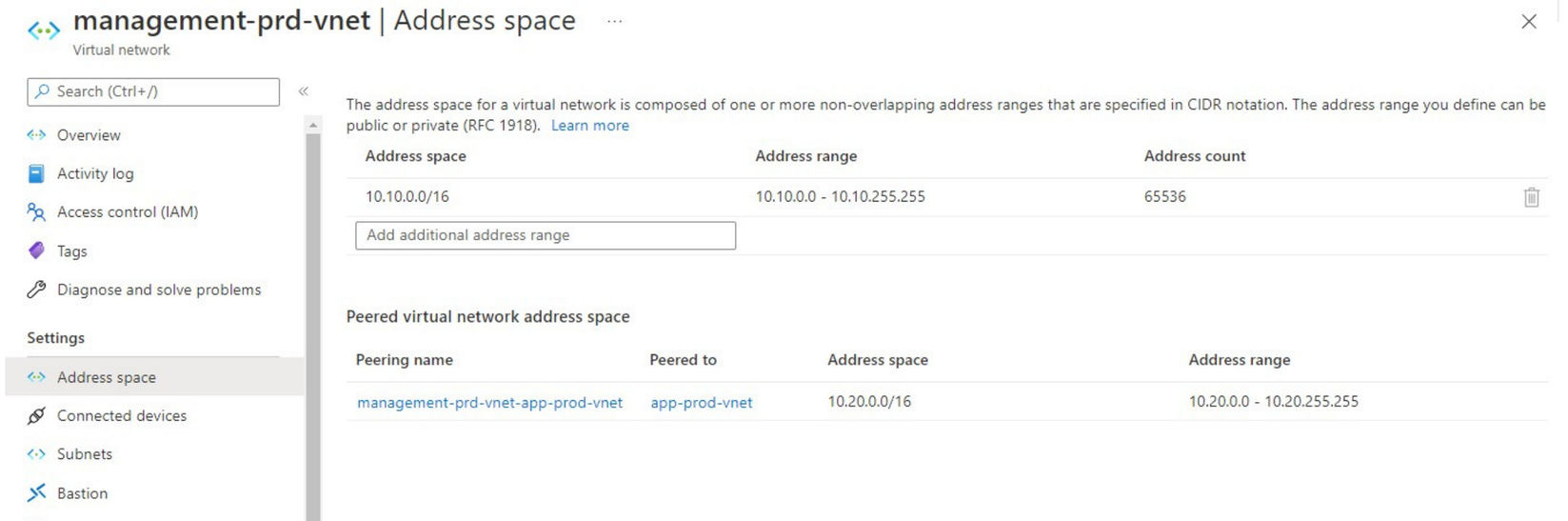


TOPIC 3:

ADMIN SERVER

MODULE

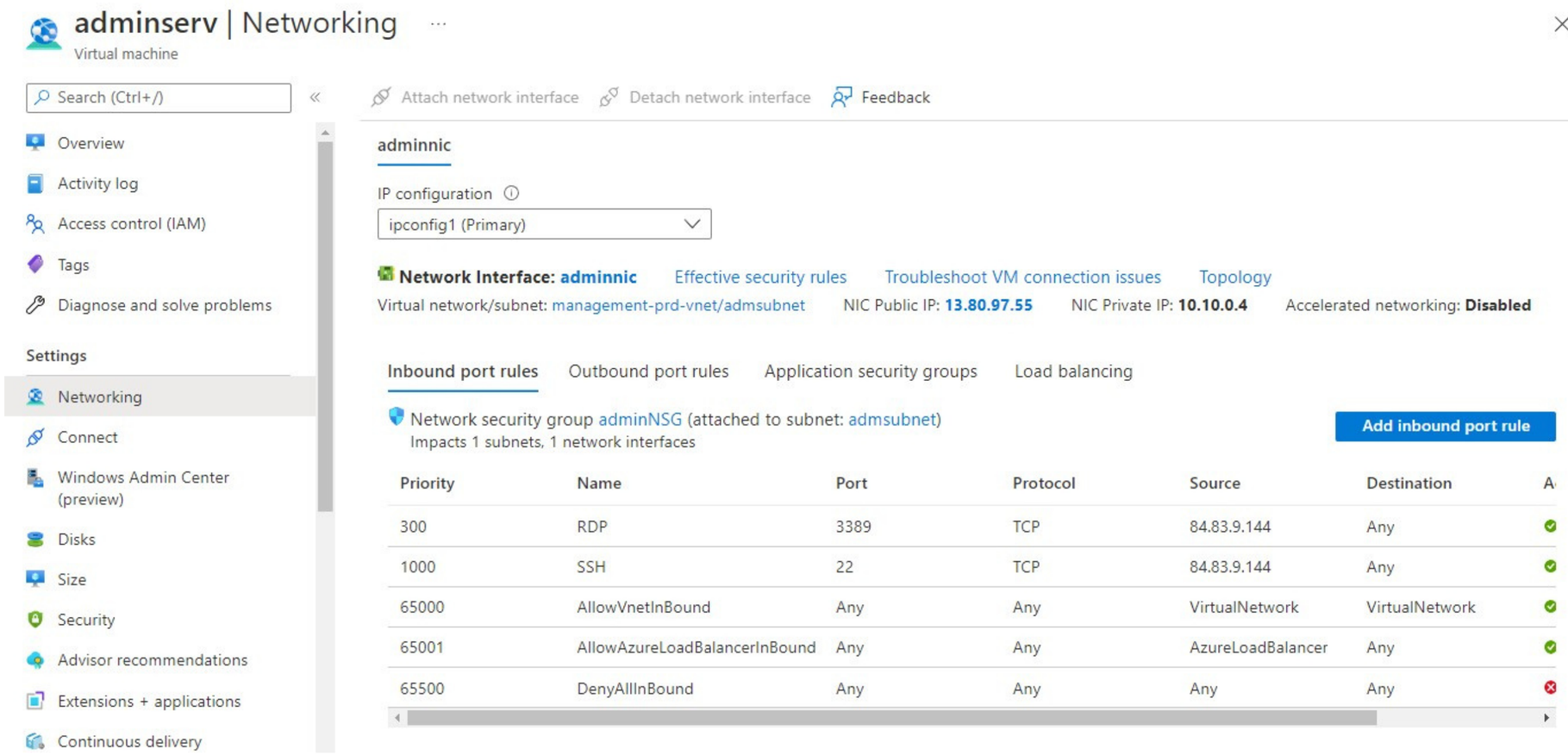




TOPIC 3:

ADMIN SERVER

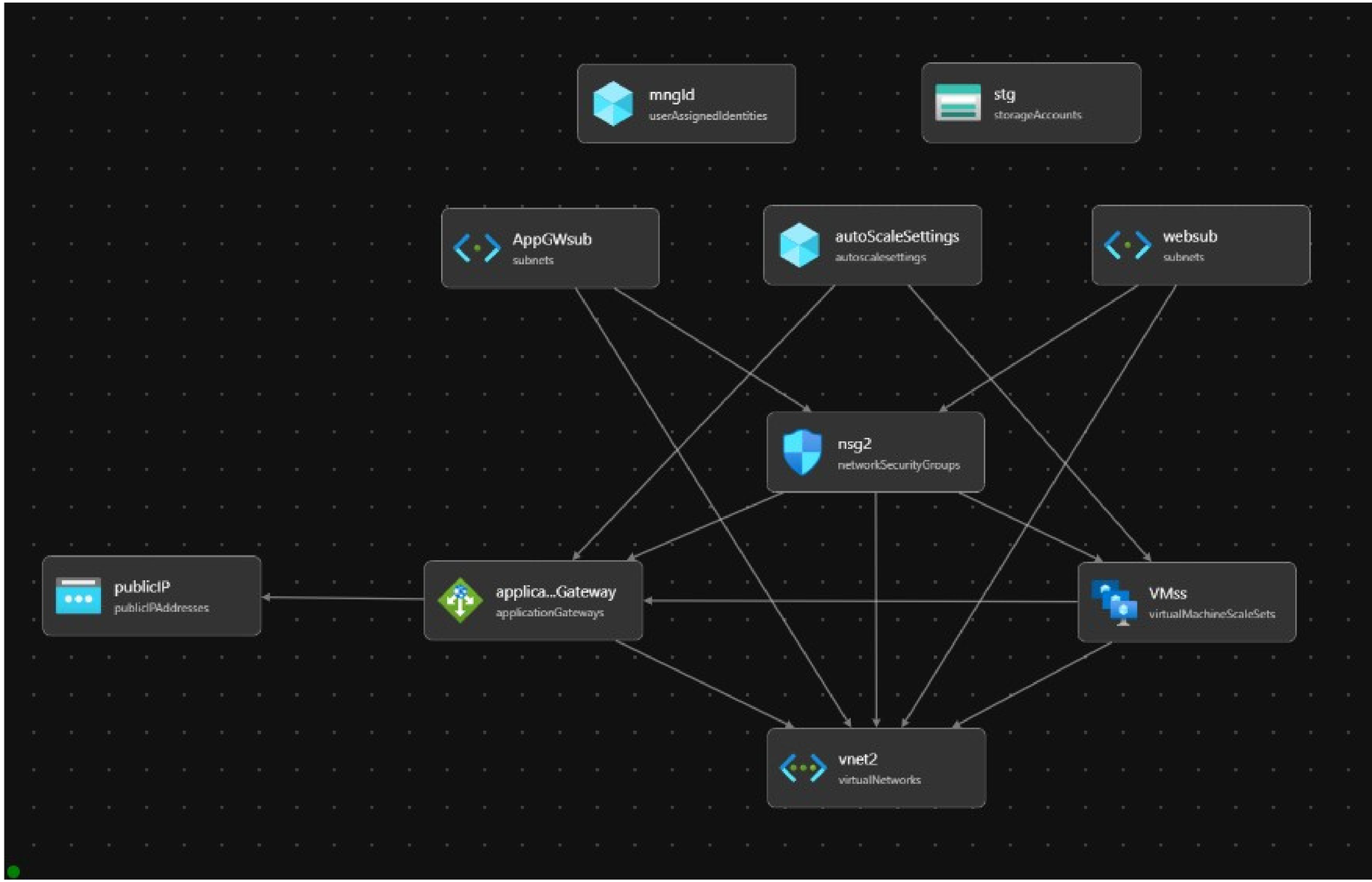
MODULE



TOPIC 3:

WEB SERVER

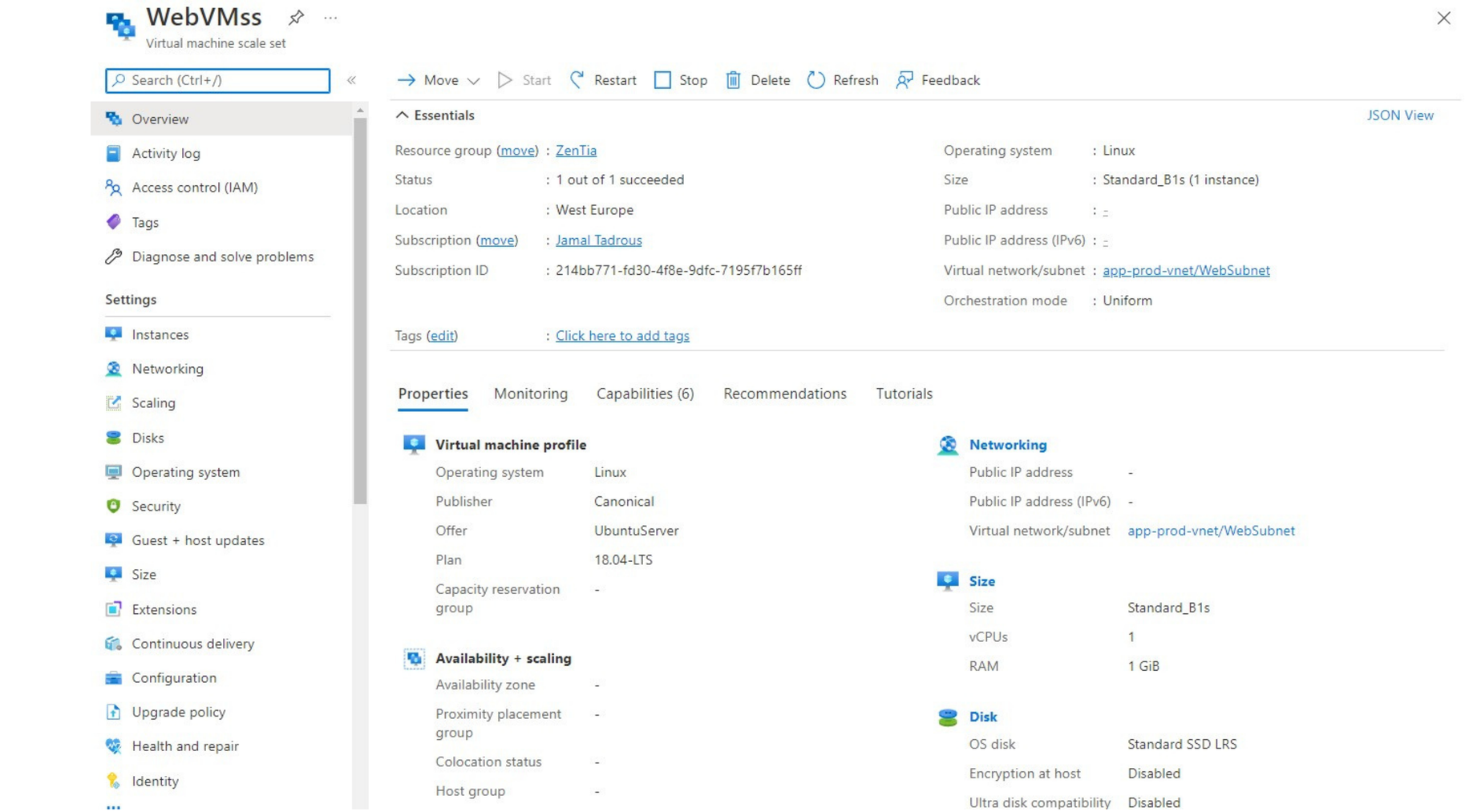
MODULE

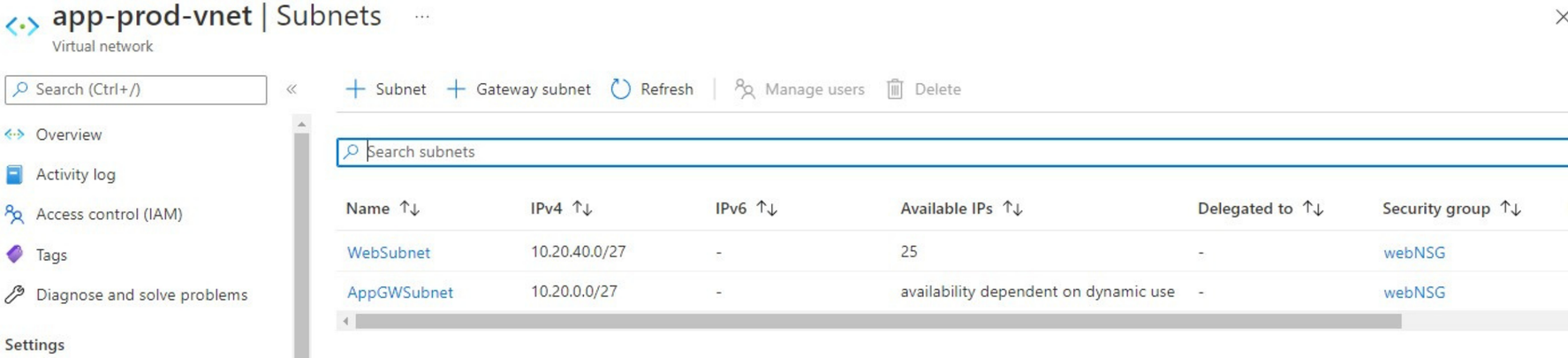


TOPIC 3:

WEB SERVER

MODULE

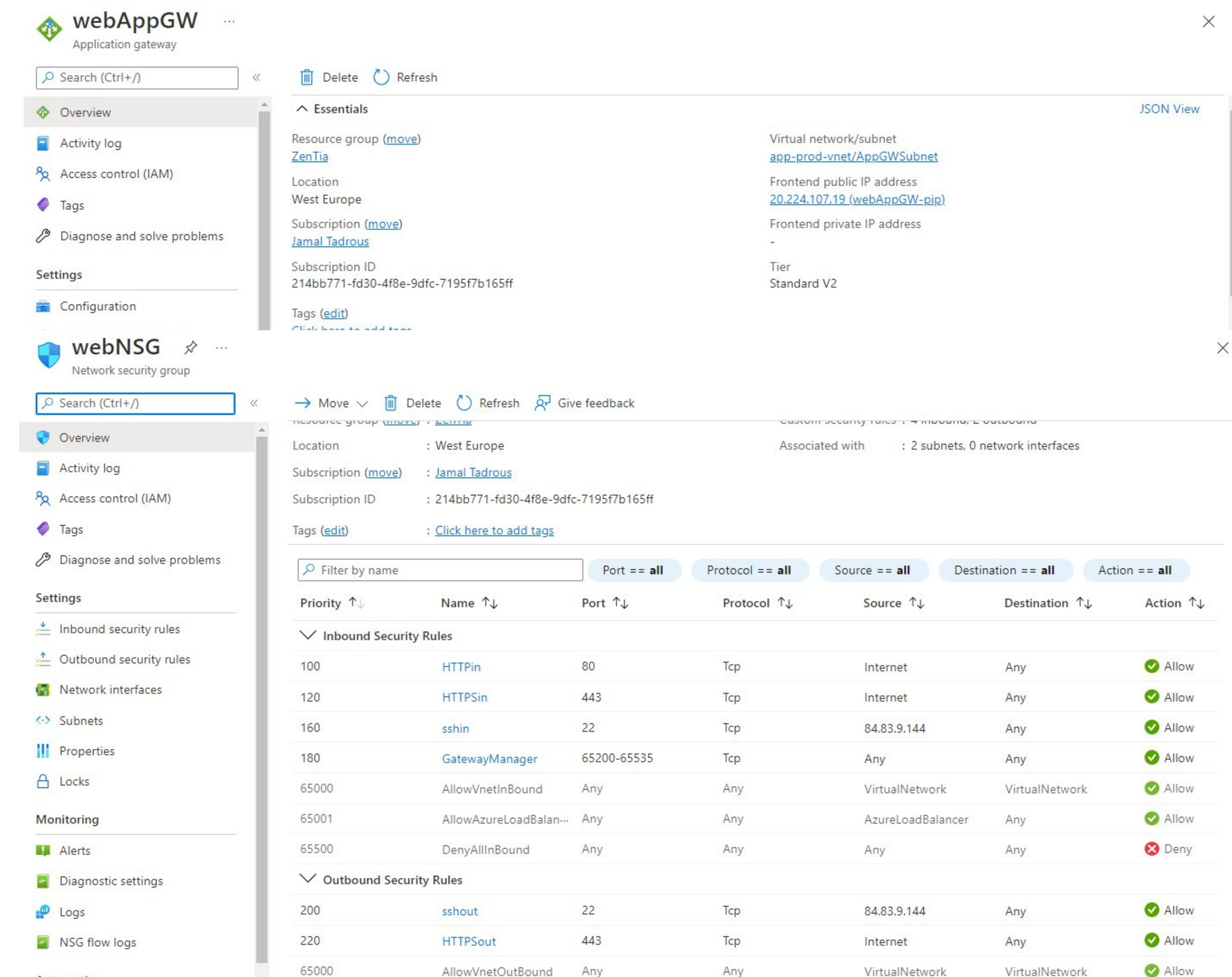




TOPIC 3:

WEB SERVER

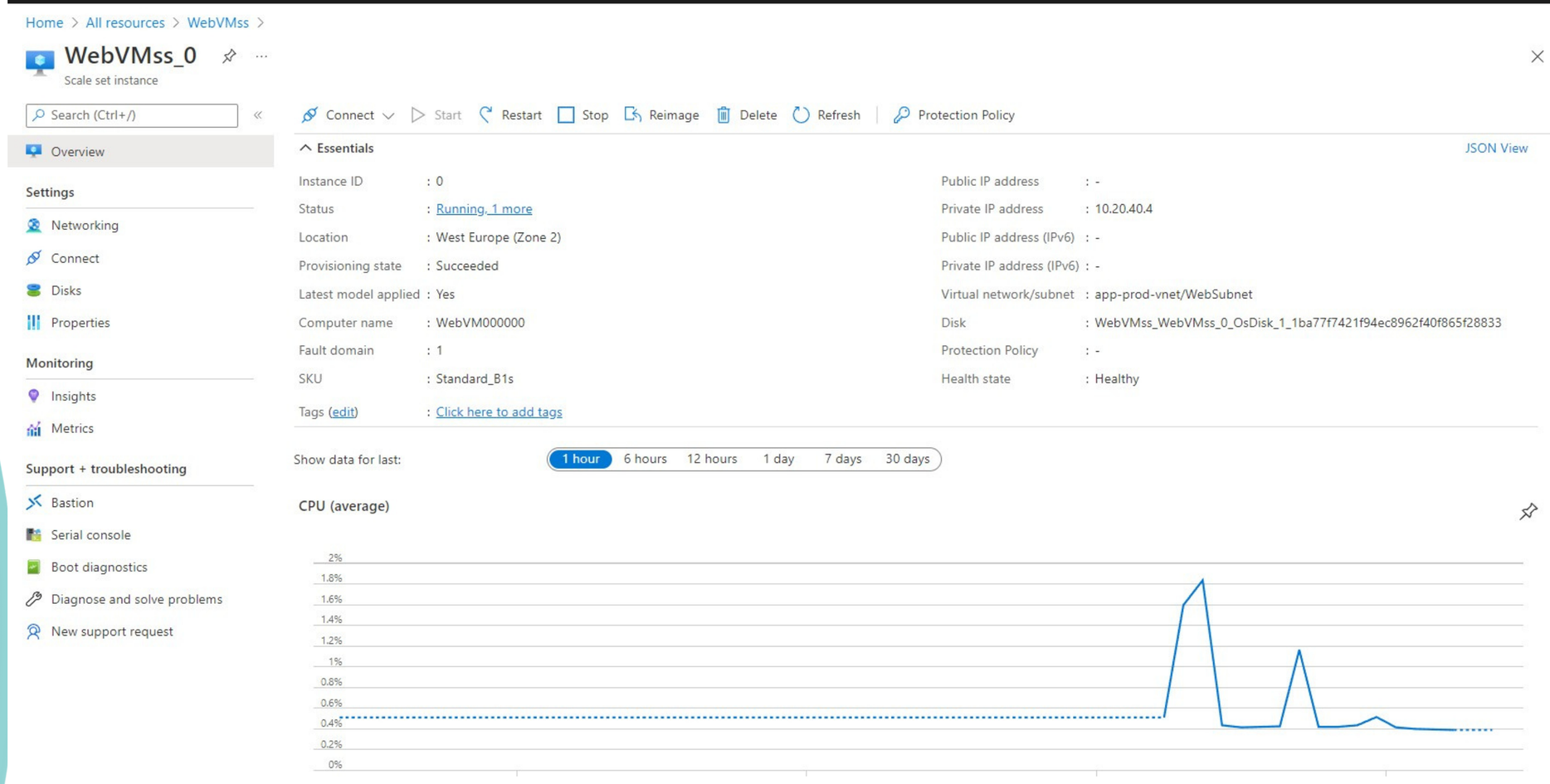
MODULE

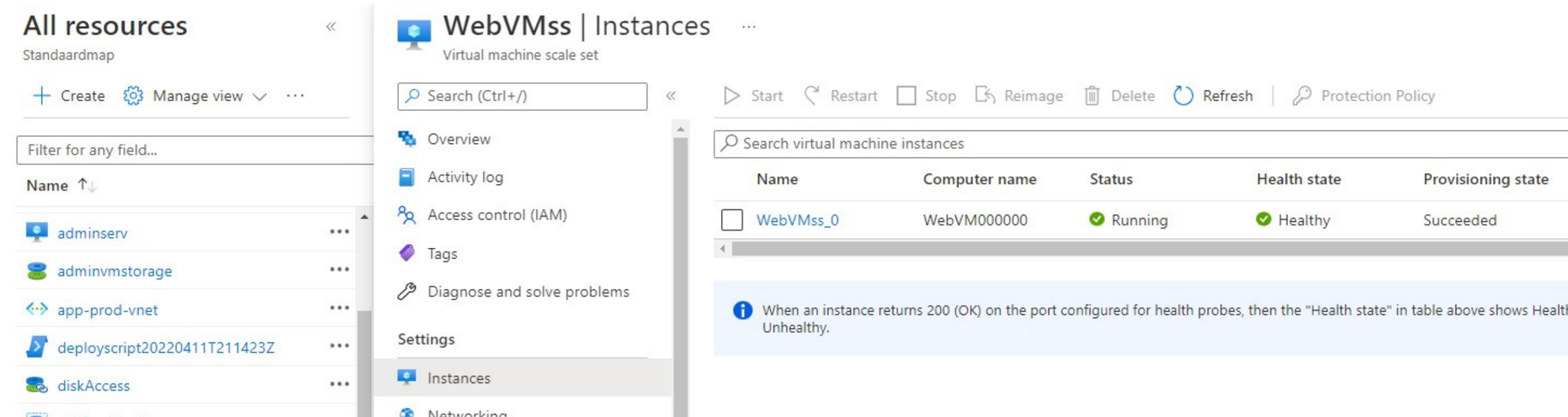


TOPIC 3:

WEB SERVER

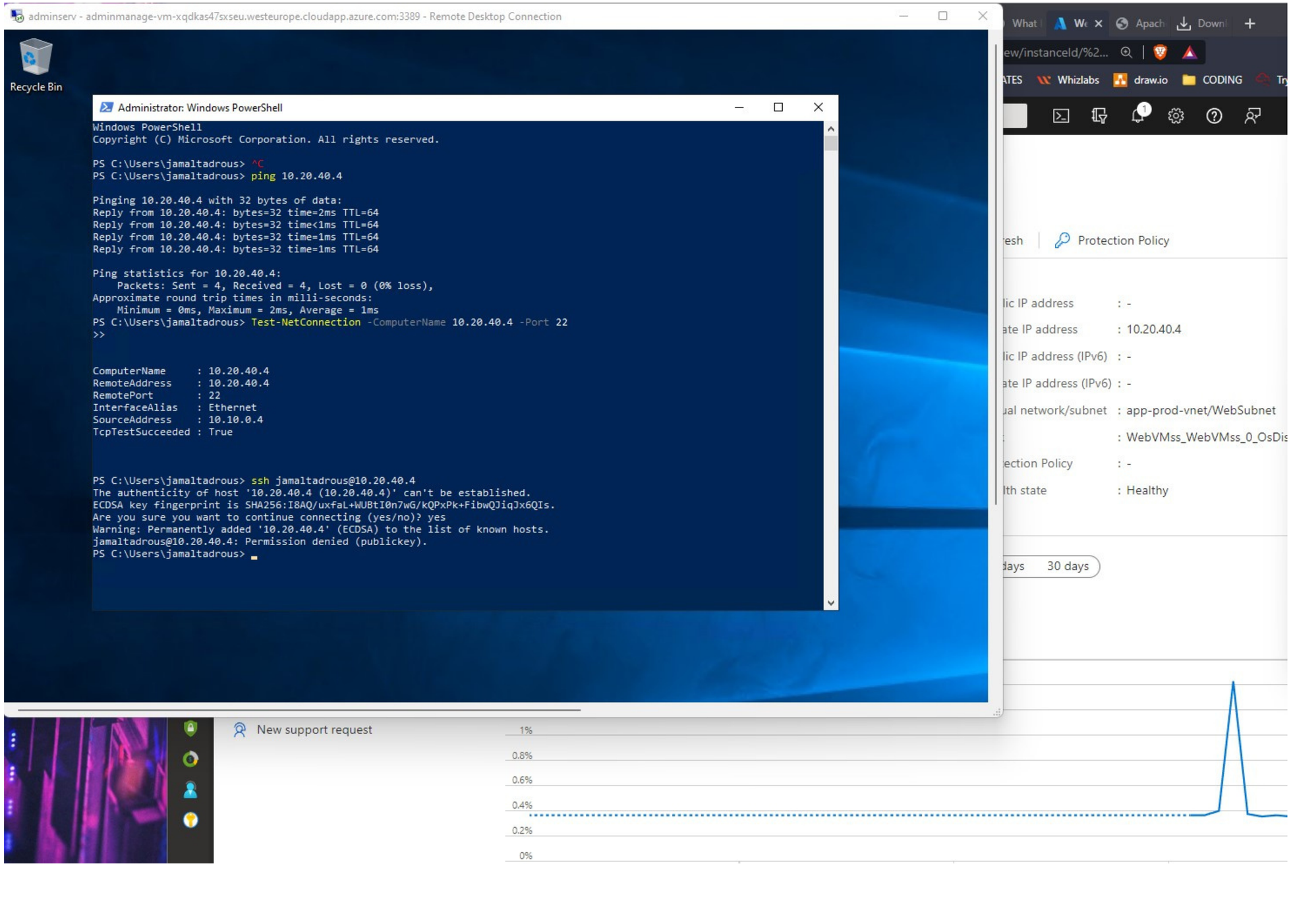
MODULE





TOPIC 3:

ADMIN peering WEB



TOPIC 3:

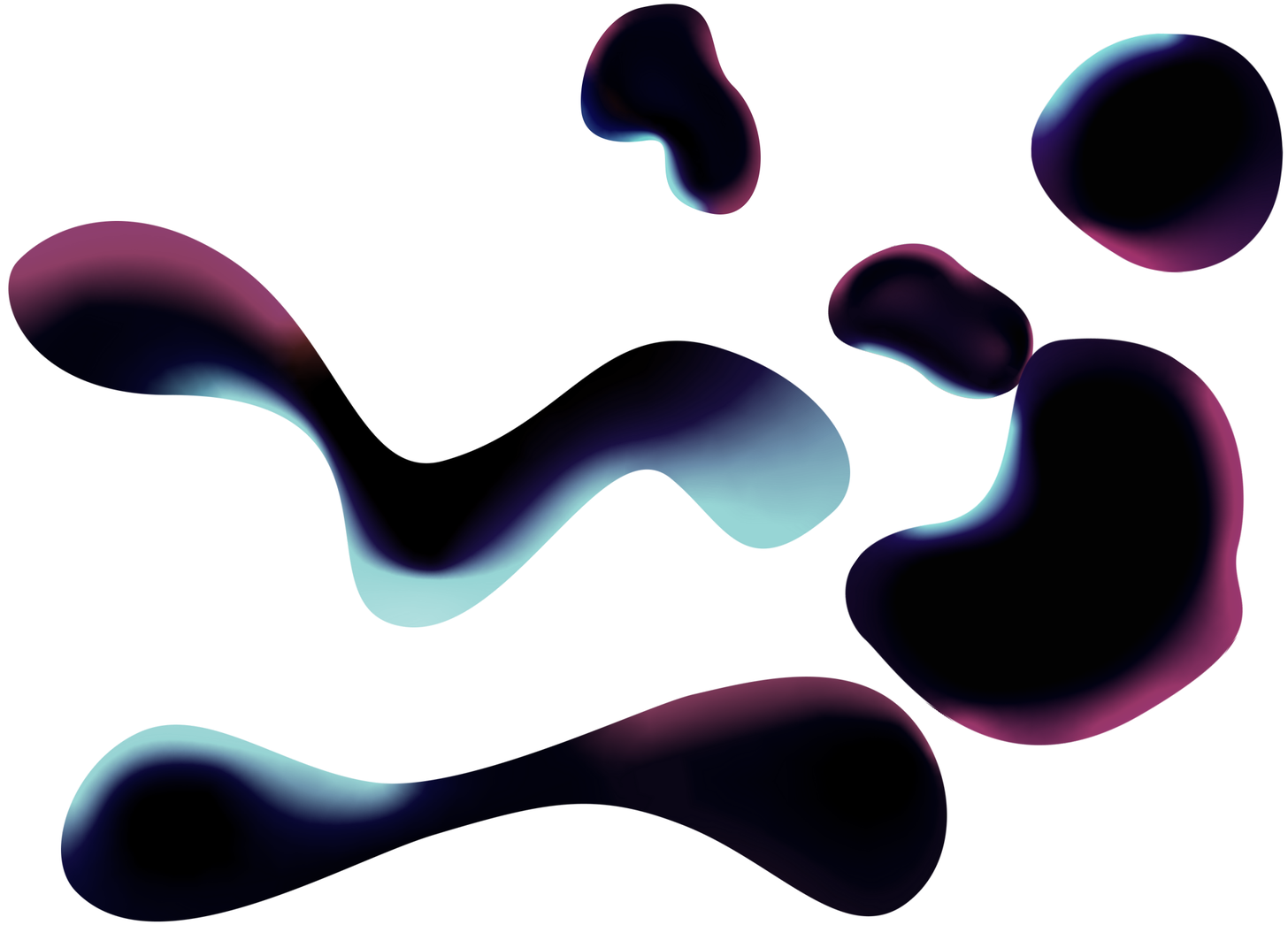
LET ME SEE YOUR CODE !

DEMO TIME

LETS SWITCH OVER TO VSCODE!

TOPIC 4:

Learnings, & Conclusion



THANK YOU!

Any Questions?