Lab 06 - Implement Traffic Management
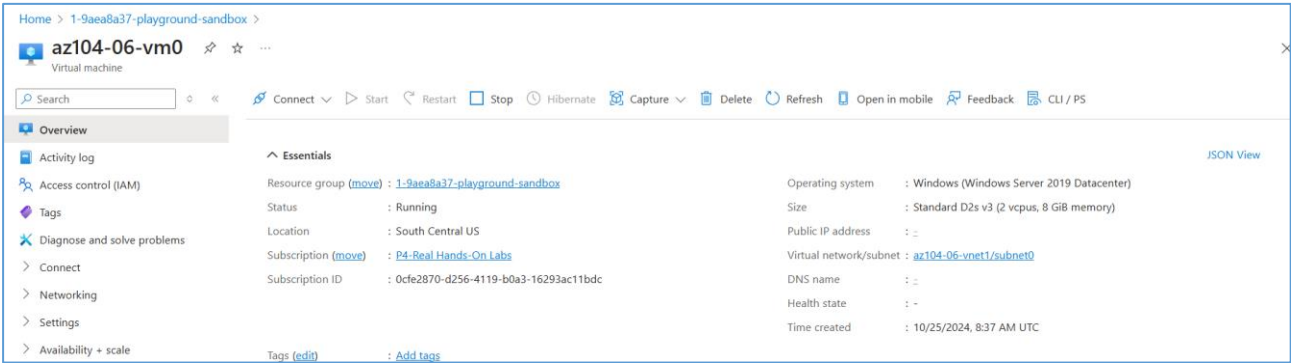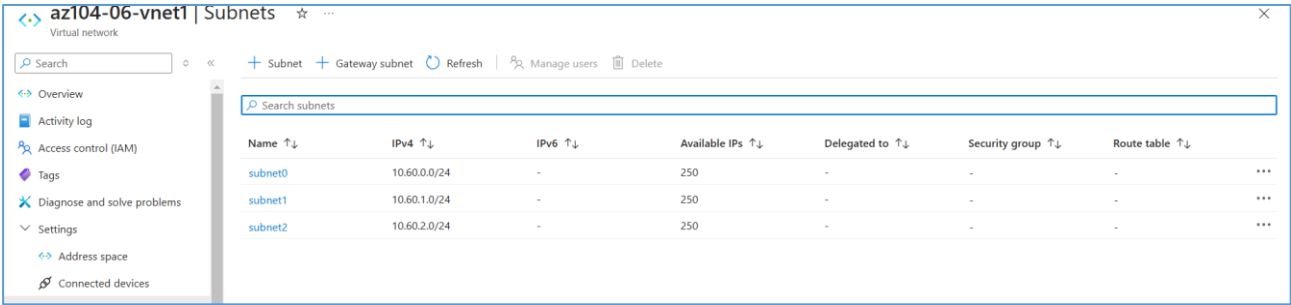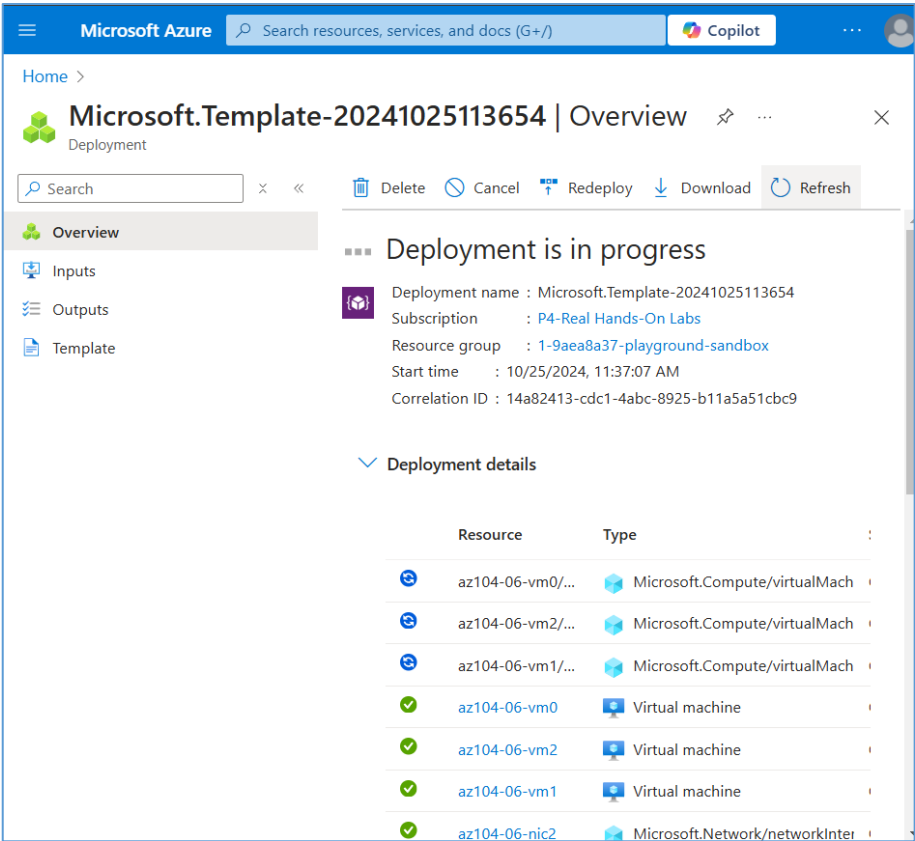
Task 1: Use a template to provision an infrastructure.

Task 2: Configure an Azure Load Balancer

Create load balancer   ...   ✕

✅ Validation passed

Basics

Subscription	P4-Real Hands-On Labs
Resource group	1-9aea8a37-playground-sandbox
Name	az104-lb
Region	South Central US
SKU	Standard
Tier	Regional
Type	Public

Frontend IP configuration

Frontend IP configuration name	az104-fe
Frontend IP configuration IP address	To be created

Backend pools

Backend pool name	az104-be

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az104-lb 📌 ⭐ ...   ✕
Load balancer

» → Move ∨   🗑 Delete   ↻ Refresh   Give feedback

∧ Essentials   JSON View

Resource group (move)	Backend pool
1-9aea8a37-playground-sandbox	az104-be (2 virtual machines)
Location	Load balancing rule
South Central US	-
Subscription (move)	Health probe
P4-Real Hands-On Labs	-
Subscription ID	NAT rules
0cfe2870-d256-4119-b0a3-16293ac11bdc	0 inbound
SKU	Tier
Standard	Regional

Tags (edit)
Add tags

See more

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az104-lb | Load balancing rules   ⭐ ...   ✕
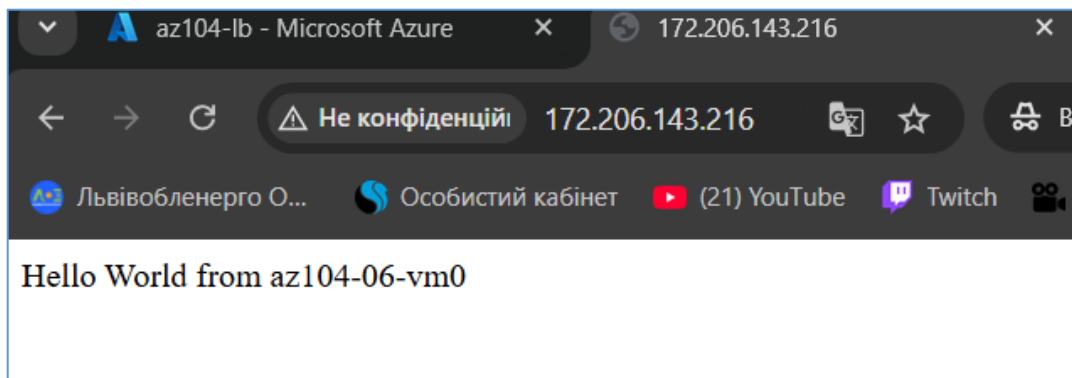Load balancer

» + Add ↻ Refresh | 🗑 Delete

A load balancer rule is used to define how incoming traffic is distributed to the all the instances within the backend pool. A load-balancing rule maps a given frontend IP configuration and port to multiple backend IP addresses and ports. An example would be a rule created on port 80 to load balance web traffic. Learn more. ↗
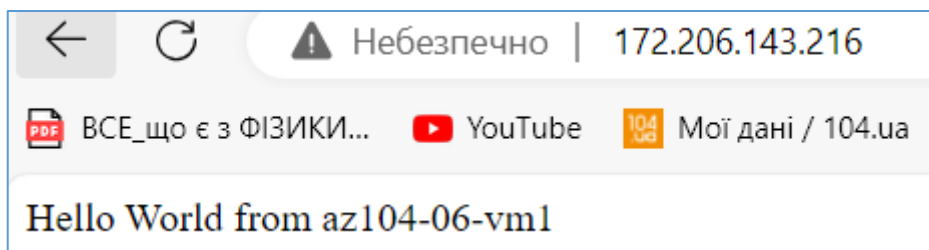
🔍 Filter by name...

	Name ↑↓	Prot... ↑↓	Backen... ↑↓	Health ... ↑↓	Heal...
○	az104-lbrule..	TCP/80	az104-be	az104-hp	View det 🗑

After configuring the balancer, I opened its public IP in the browser.

I opened another browser so that the request wouldn't crash.

Task 3: Configure an Azure Application Gateway

az104-appgw ☆ ⋯

Application gateway

🔍 Search

Overview

🗔 Activity log

👥 Access control (IAM)

🏷️ Tags

✖️ Diagnose and solve problems

> Settings

> Monitoring

> Automation

> Help

🗑️ Delete ↻ Refresh 💬 Feedback

∧ Essentials   JSON View

Resource group (move)   : 1-9aea8a37-playground-sa...

Location   : South Central US (Zone 1, 2...

Subscription (move)   : P4-Real Hands-On Labs

Subscription ID   : 0cfe2870-d256-4119-b0a3-...

Virtual network/subnet   : az104-06-vnet1/subnet-ap...

Frontend public IP address   : 172.202.249.203 (az104-gw...

Frontend private IP address   : -

Tier   : Standard V2

Availability zone   : 1, 2, 3

Tags (edit)   : Add tags

Show data for last   [1 hour] 6 hours   12 hours   1 day   7 days
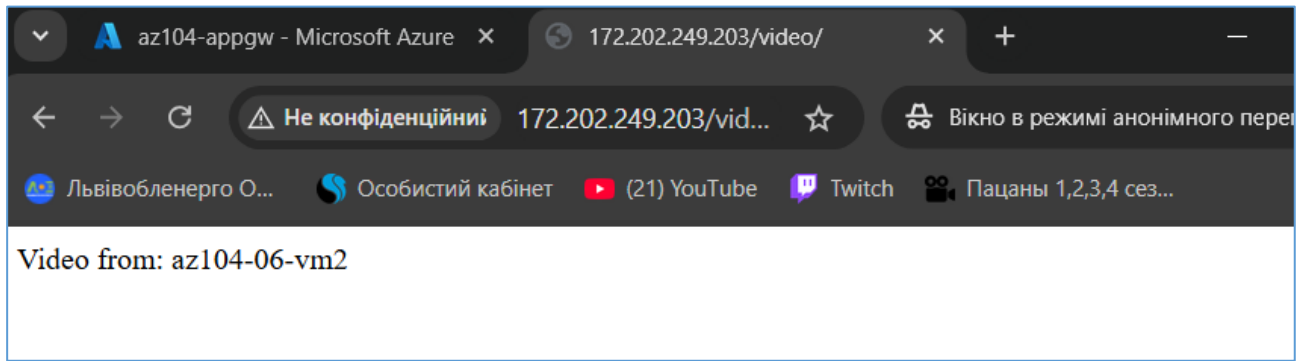   30 days

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A az104-appgw - Microsoft Azure ✕   🌐 172.202.249.203/image/ ✕

← → ↻ ⚠ Не конфіденцій 172.202.249.203/i... 🈯 ☆ 🚗 Вікн

🔵 Львівобленерго О... 🟢 Особистий кабінет ▶️ (21) YouTube 🟣 Twitch 🎥 Па

Image from: az104-06-vm1

http://172.202.249.203/image/

Video from: az104-06-vm2

http://172.202.249.203/video/