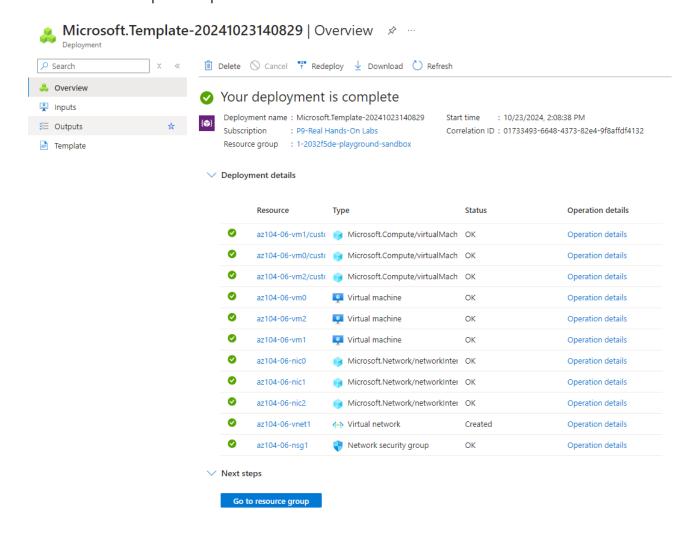
Lab 06 - Implement Traffic Management

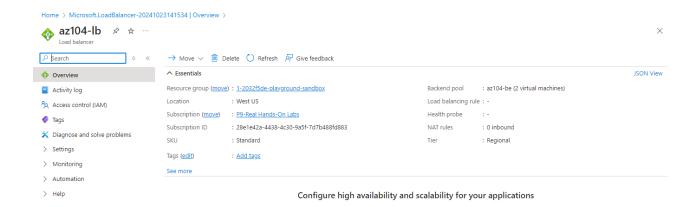
- Task 1: Use a template to provision an infrastructure
- Task 2: Configure an Azure Load Balancer
- Task 3: Configure an Azure Application Gateway

Task 1: Use a template to provision an infrastructure



Used a template to provision an infrastructure

Task 2: Configure an Azure Load Balancer

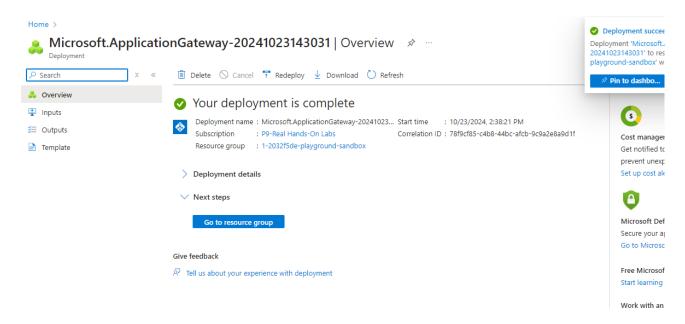


I have configured a load balancer, backend pools and public IP addresses and also added rules to determine how incoming traffic should be distributed.

Hello World from az104-06-vm1 Hello World from az104-06-vm0

After all configuration I copied and entered public IP in browser and saw messages and they were changing what demonstrates that the load balancer is rotating through VMs.

Task 3: Configure an Azure Application Gateway

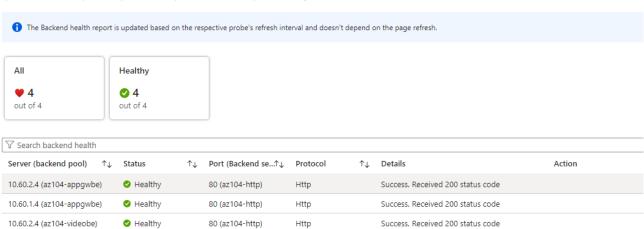


I used a preconfigured network and create an additional subnet. After that I went to **Application Gateways** and started configuring it. In the **Backends** I created different pools for apps, images and videos. I also configured **path-based routing** by adding two rules for routing to images and videos backend.

Backend health

10.60.1.4 (az104-imagebe)

By default, Azure Application Gateway probes backend servers to check their health and whether they're ready to serve requests. You can also create custom Health Probes to mention a specific hostname and path to be probed or a response code to be accepted as Healthy.



Http

Success. Received 200 status code

All servers are healthy as expected.

Healthy

Video from: az104-06-vm2 Image from: az104-06-vm1

80 (az104-http)

Verifying that I am being directed to image and video servers.