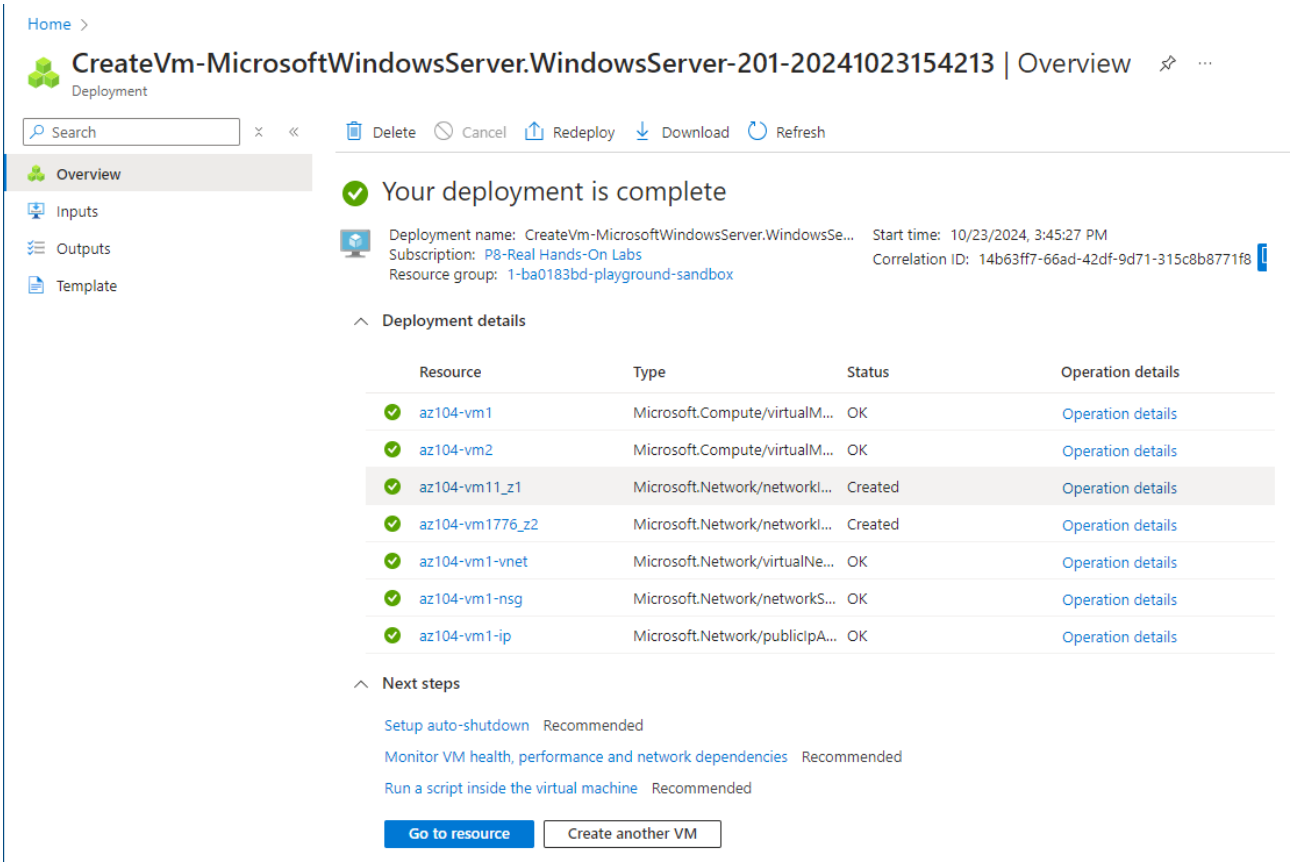
Lab 08 - Manage Virtual Machines

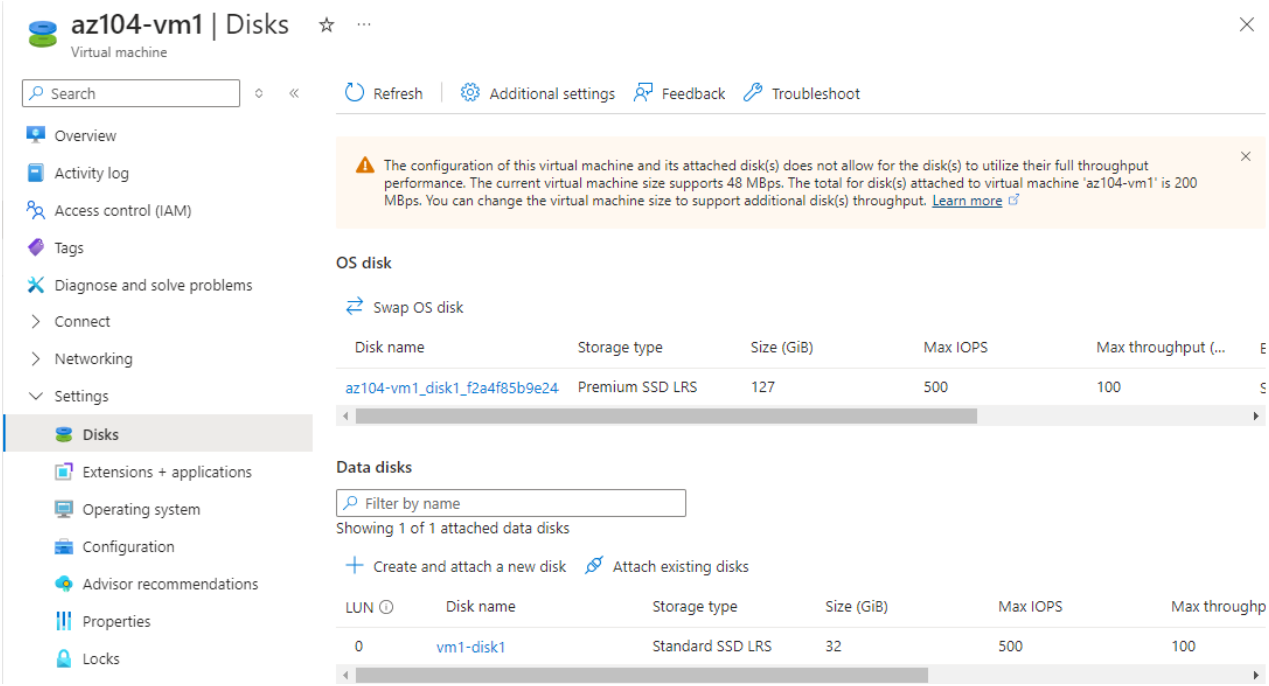
- Task 1: Deploy zone-resilient Azure virtual machines by using the Azure portal.
- Task 2: Manage compute and storage scaling for virtual machines.
- Task 3: Create and configure Azure Virtual Machine Scale Sets.
- Task 4: Scale Azure Virtual Machine Scale Sets.
- Task 5: Create a virtual machine using Azure PowerShell (optional 1).
- Task 6: Create a virtual machine using the CLI (optional 2).

Task 1: Deploy zone-resilient Azure virtual machines by using the Azure portal.



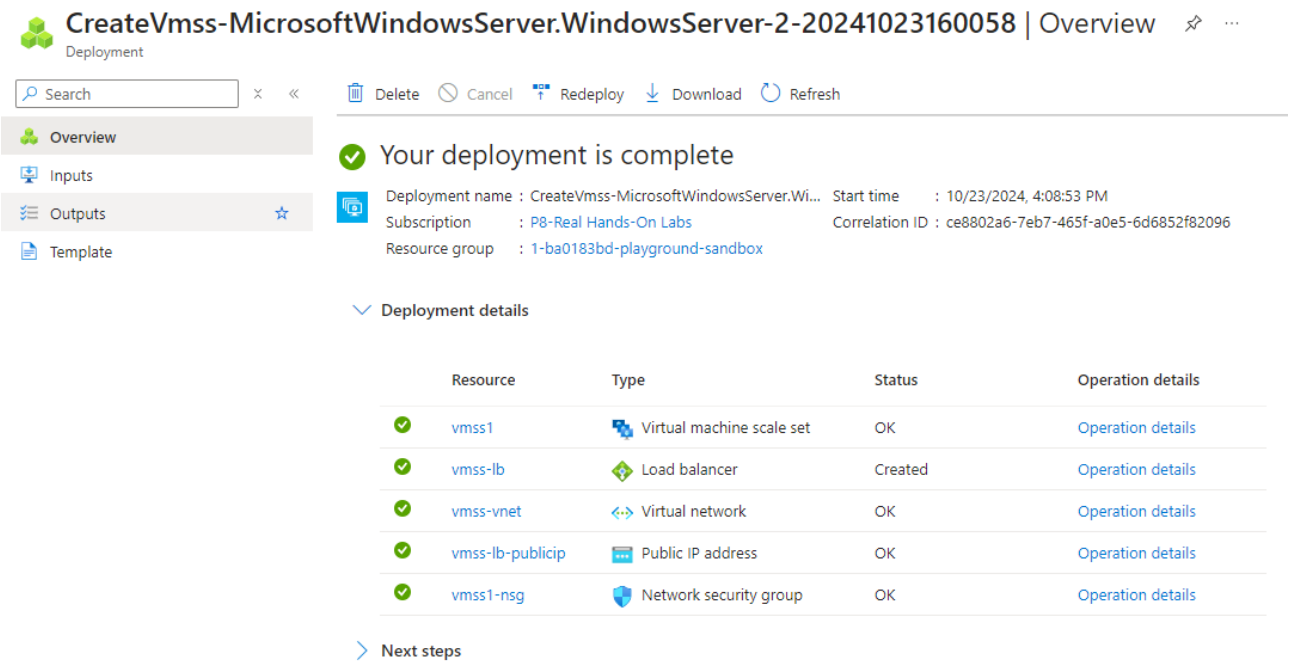
Deployed a zone-resilient VMs according to the requirements from the lab.

Task 2: Manage compute and storage scaling for virtual machines



Firstly, I resized the VM to Standard HDD 32 GiB. Then I changed Storage type to Standard SSD. So, here I scaled the SKU and the data disk size.

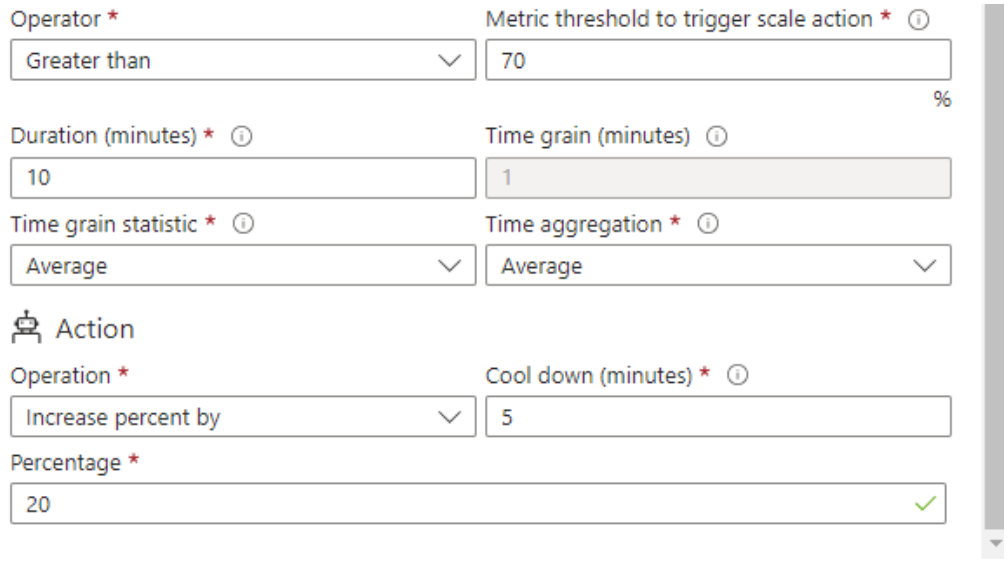
Task 3: Create and configure Azure Virtual Machine Scale Sets

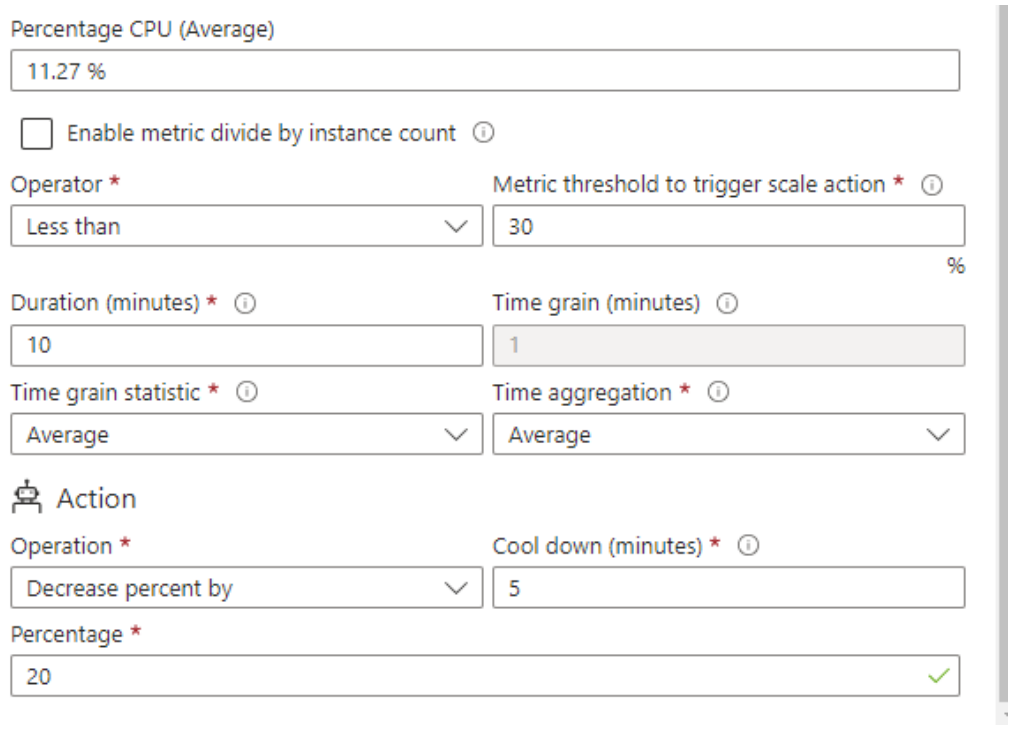


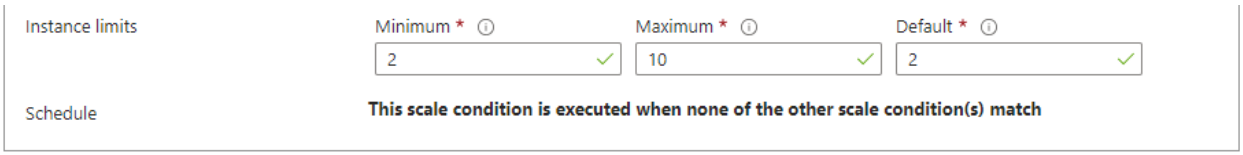
Created and configured VM Scale Sets.

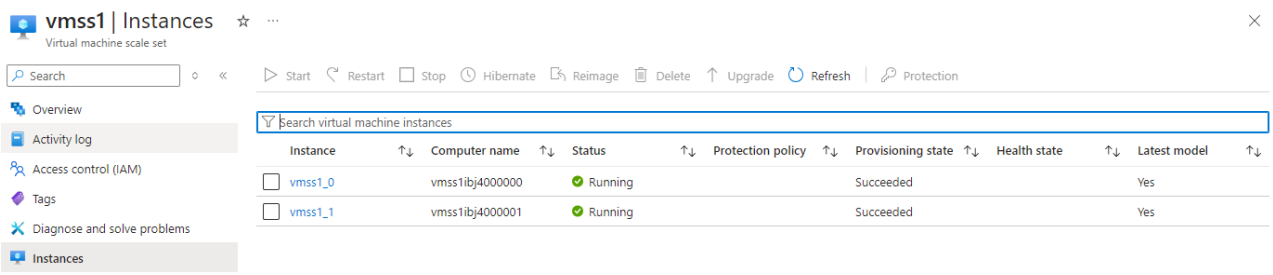
- created and configured Virtual Network
- allowed inbound traffic
- created a load balancer

Task 4: Scale Azure Virtual Machine Scale Sets









In this task I added a rules of how and when to increase and decrease the number of instances. I also set the instance limits (min=2, max=10).