# Lab-7-1: Azure Network Security

# Objectives

* Create Network filters in Azure
* create two VMs on Azure and establish networking within them
* create and Manage NAT Gateway



Part 1: Exercises:

1. Filtering Network Traffic in Azure

<https://docs.microsoft.com/en-us/azure/virtual-network/tutorial-filter-network-traffic-powershell>

1. Routing in Azure

<https://docs.microsoft.com/en-us/azure/virtual-network/tutorial-create-route-table-powershell>

1. Nat Gateway in Azure

<https://docs.microsoft.com/en-us/azure/virtual-network/quickstart-create-nat-gateway-powershell>

Part 2: Reflective Questions

1. Summarize how network filtering is applied in Azure.
2. Why would you need routing inside Azure?
3. Create a diagram of the NAT gateway network that you created above
4. What problem does NAT solve?