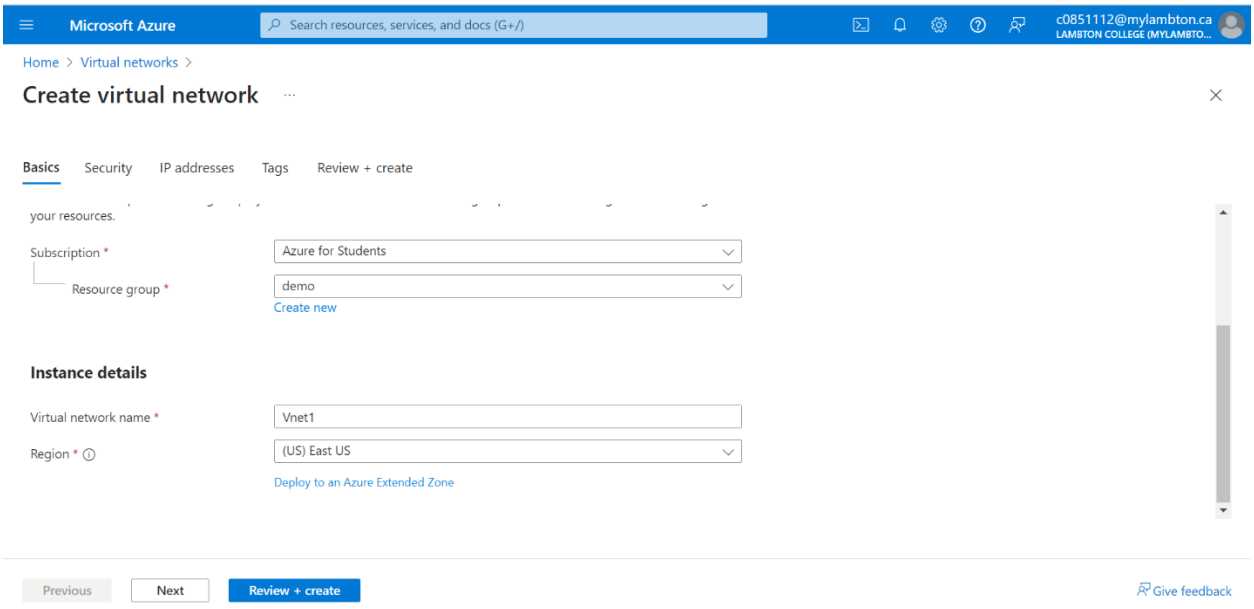
Project: Deploy a Web Application with Azure App Gateway

Step 1: Create resource group and VNet with two Subnets.

One Subnet will be used for Application Gateway and another Subnet will be used for VMs.



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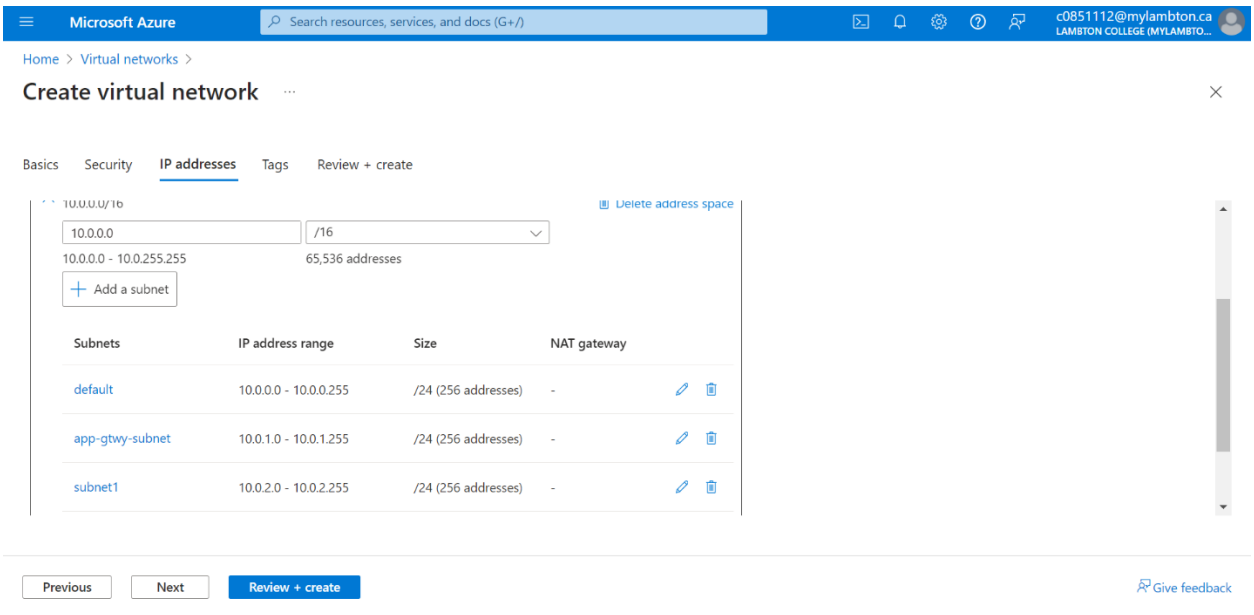
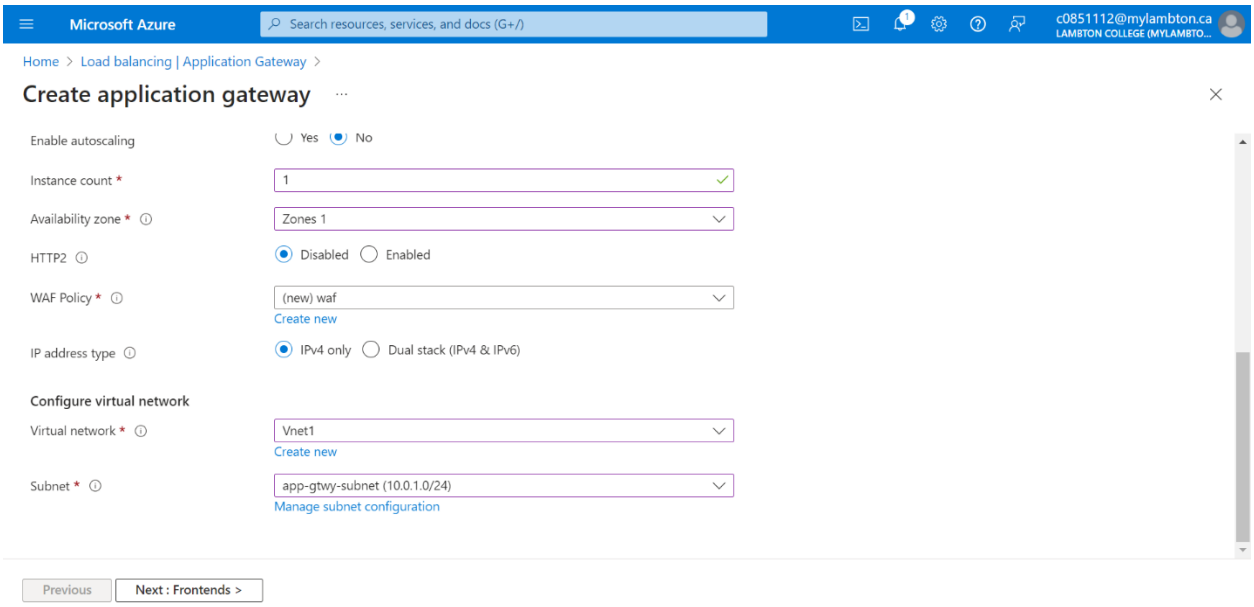
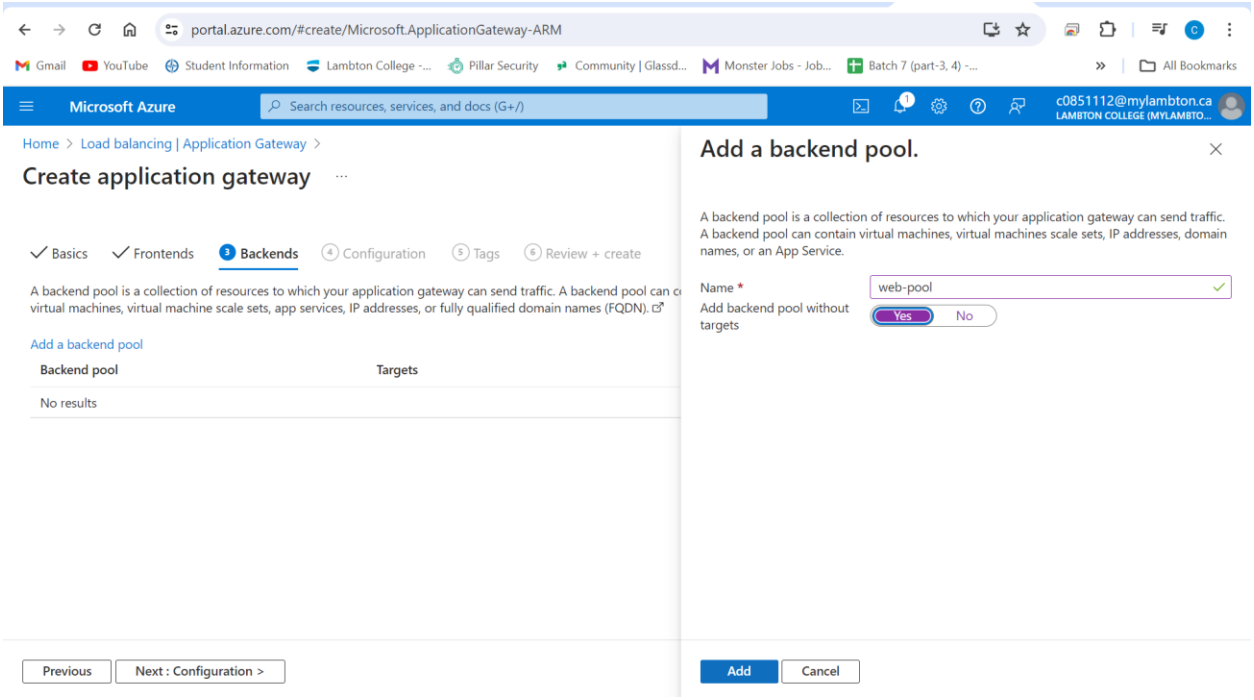
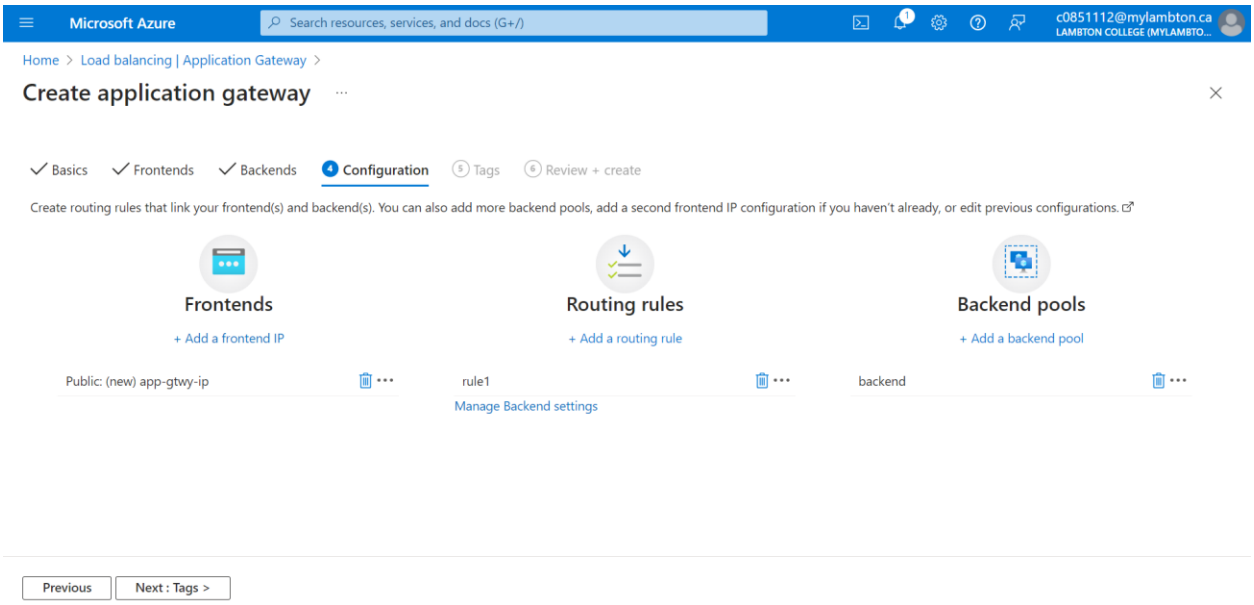


Step 2 : Create Application Gateway with front-end as application gateway IP and create backend with no targets for now, you will add VMs later.





Step 3 : Create Routing rules giving rule priority and port settings.

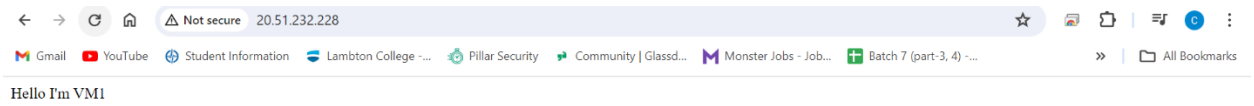


Step 4 : Create two linux VMs and install apache server on it .

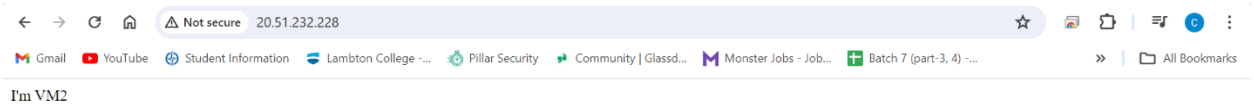
Use those commands mentioned below to install apache server.And add html file to the root directory.

Step 5 : Now ,add two VMs as backend targets on the application Gateway.

Step 6 : Using application gateway Public IP ,browse it.Now,it will try to redirect between two IPs of VMs.



Here is the output displaying by continously browsing the application gateway Ip address.



Commands to install Apache server on Linux VMs

sudo apt update

sudo apt install apache2

sudo systemctl status apache2

cd /var/www/html

echo "Hello I'm VM1" > index.html

Note : Perform same commands on VM2.