**MICROSOFT AZURE**

**NAME : Ijaz Ahamed N**

**DEPARTMENT: Computer Science and Business Systems**

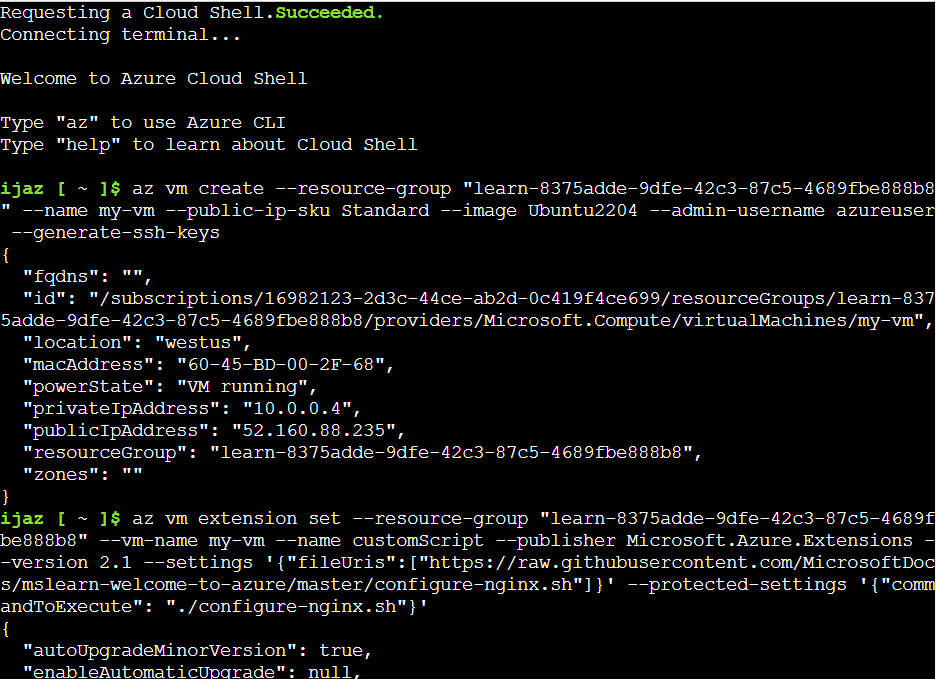
**GITHUB LINK:** *https://github.com/ijaz-01/Azure.git*

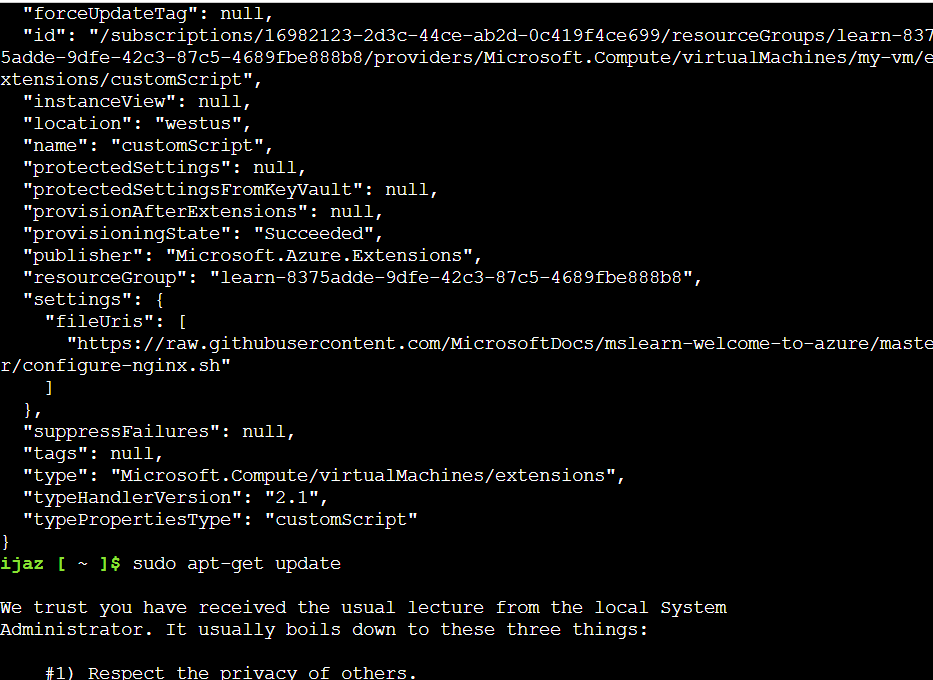
**REQUESTING A CLOUD SHELL SUCCEEDED.**

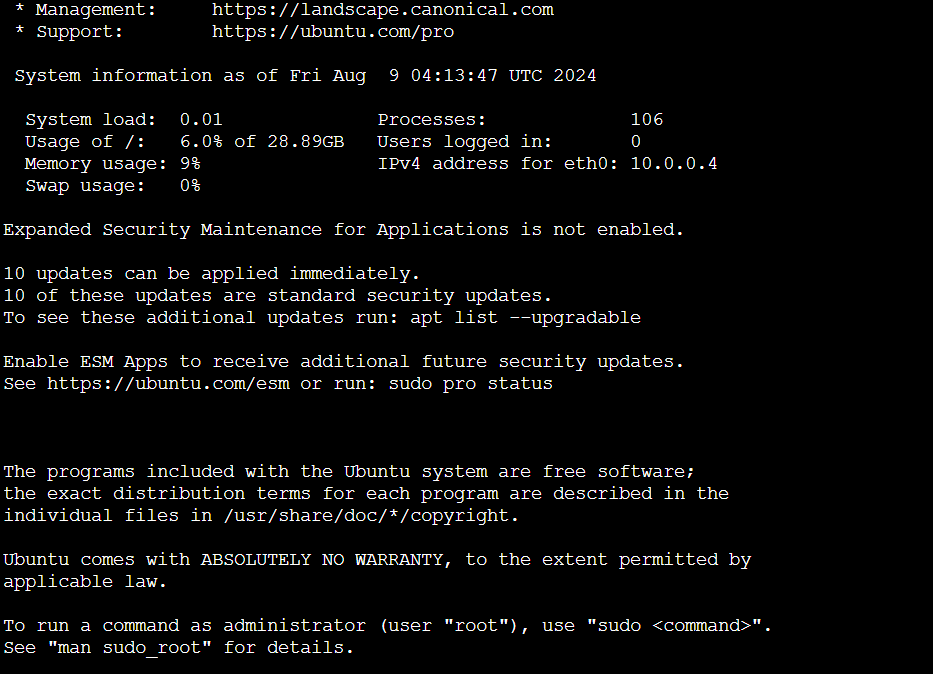
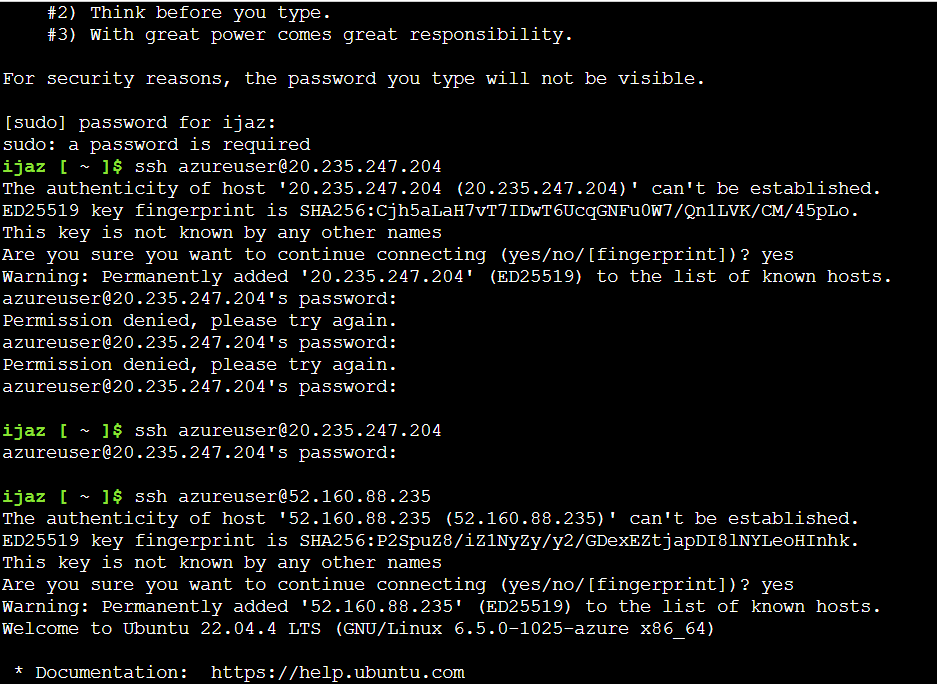
**CONNECTING TERMINAL...**

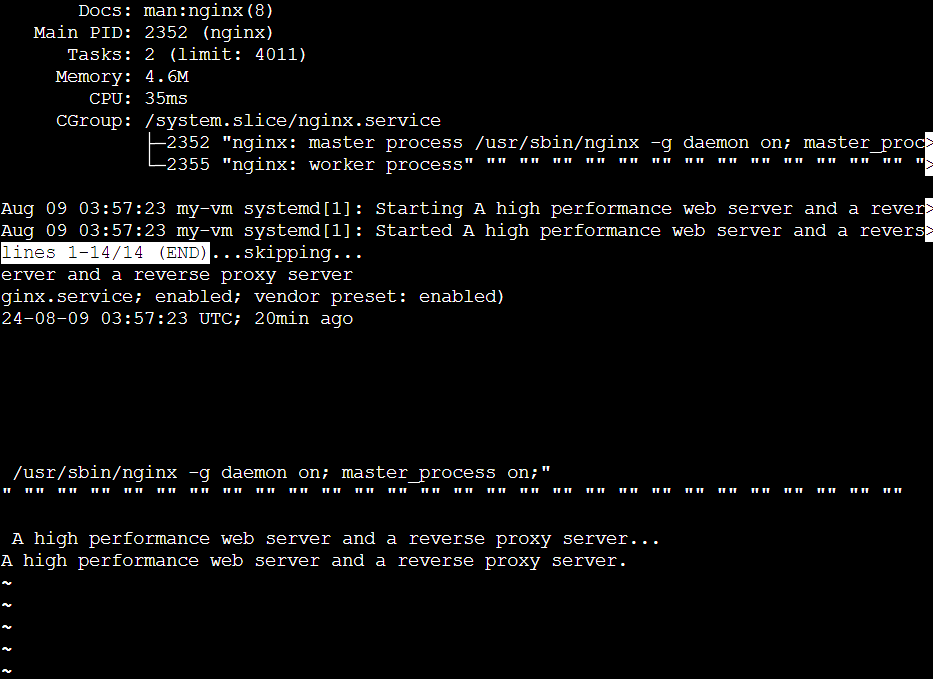
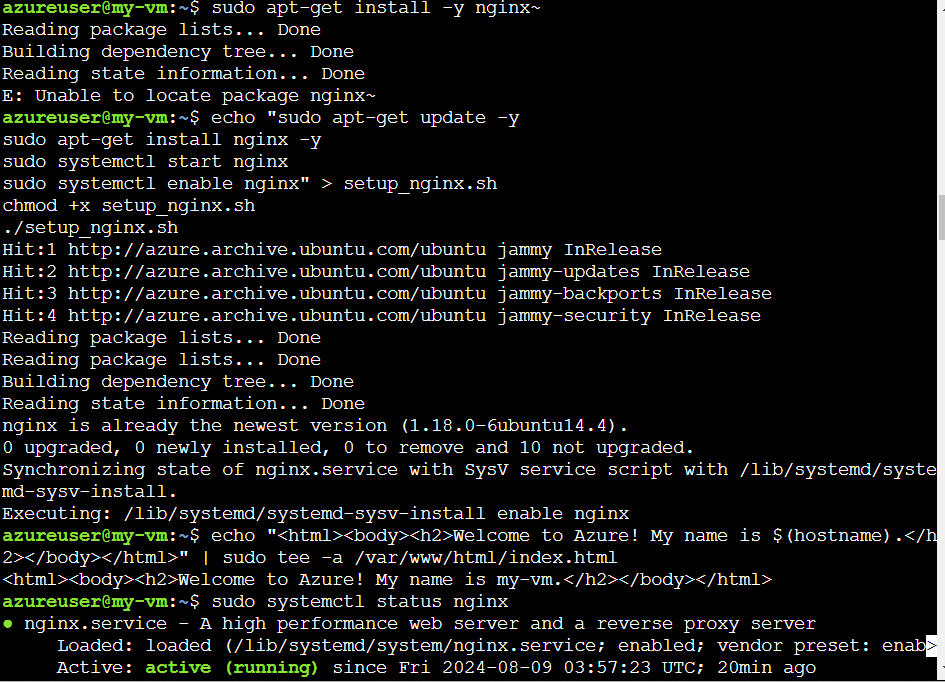
**SANDBOX**

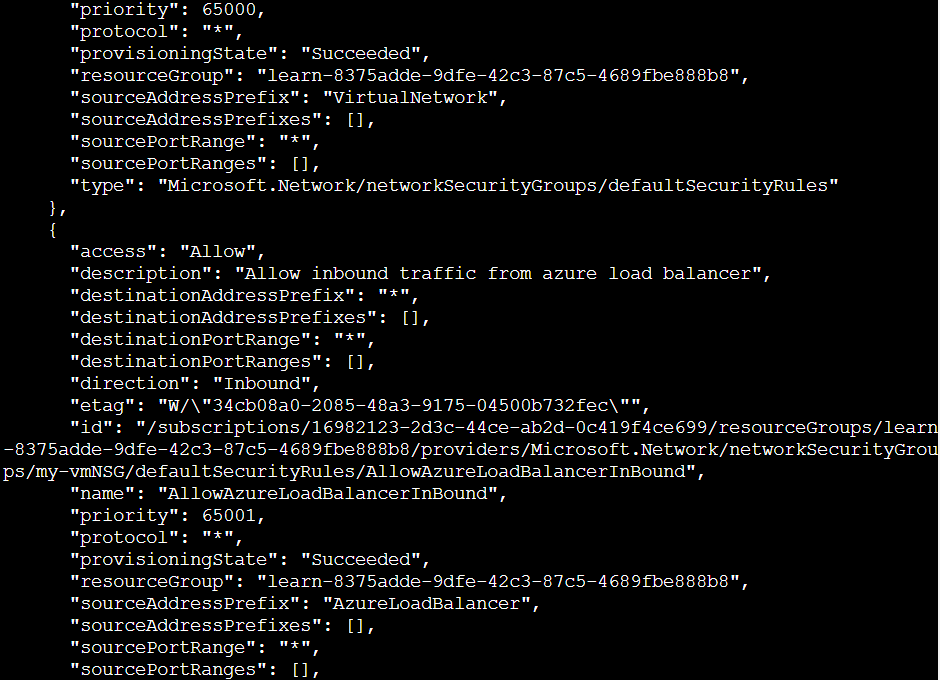
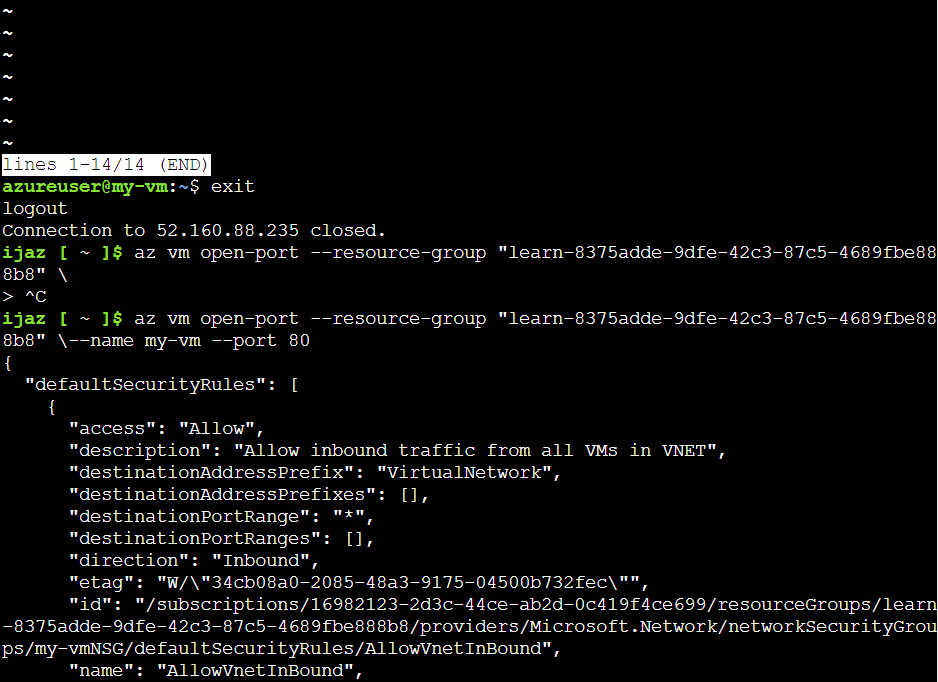
* az vm create --resource-group " learn-8375adde-9dfe-42c3-87c5-4689fbe888b8" --name my-vm --public-ip-sku Standard --image Ubuntu2204 --admin-username azureuser --generate-ssh-keys
* az vm extension set --resource-group " learn-8375adde-9dfe-42c3-87c5-4689fbe888b8" --vm-name my-vm --name customScript --publisher Microsoft.Azure.Extensions --version 2.1 --settings '{"fileUris":["https://raw.githubusercontent.com/MicrosoftDocs/mslearn-welcome-to-azure/master/configure-nginx.sh"]}' --protected-settings '{"commandToExecute": "./configure-nginx.sh"}'
* sudo apt-get update
* ssh azureuser@ 52.160.88.235
* echo "sudo apt-get update -y
* sudo apt-get install nginx -y
* sudo systemctl start nginx
* sudo systemctl enable nginx" > setup\_nginx.sh
* chmod +x setup\_nginx.sh
* ./setup\_nginx.sh
* echo "<html><body><h2>Welcome to Azure! My name is $(hostname).</h2></body></html>" | sudo tee -a /var/www/html/index.html
* sudo systemctl status nginx
* az vm open-port --resource-group "learn-8375adde-9dfe-42c3-87c5-4689fbe888b8" --name my-vm --port 80
* az vm list-ip-addresses --resource-group "learn-8375adde-9dfe-42c3-87c5-4689fbe888b8" --name my-vm --output table
* ssh azureuser@ 52.160.88.235
* sudo apt-get update
* git clone https://github.com/ijaz-01/REP.git
* sudo cp -r html/\* /var/www/html/
* sudo chown -R www-data:www-data /var/www/html
* sudo chmod -R 755 /var/www/html
* sudo systemctl restart nginx

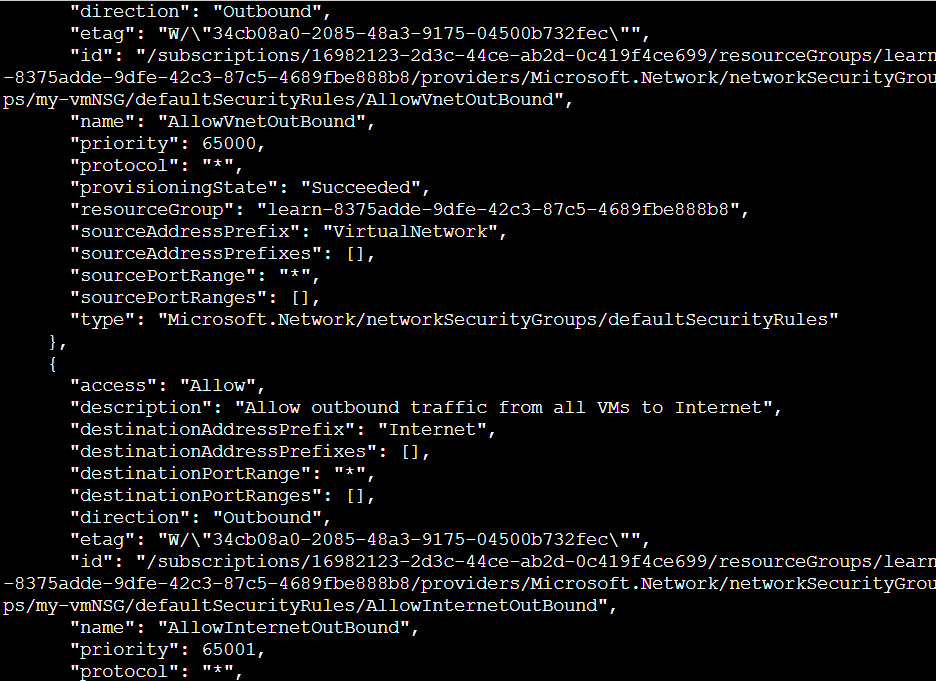
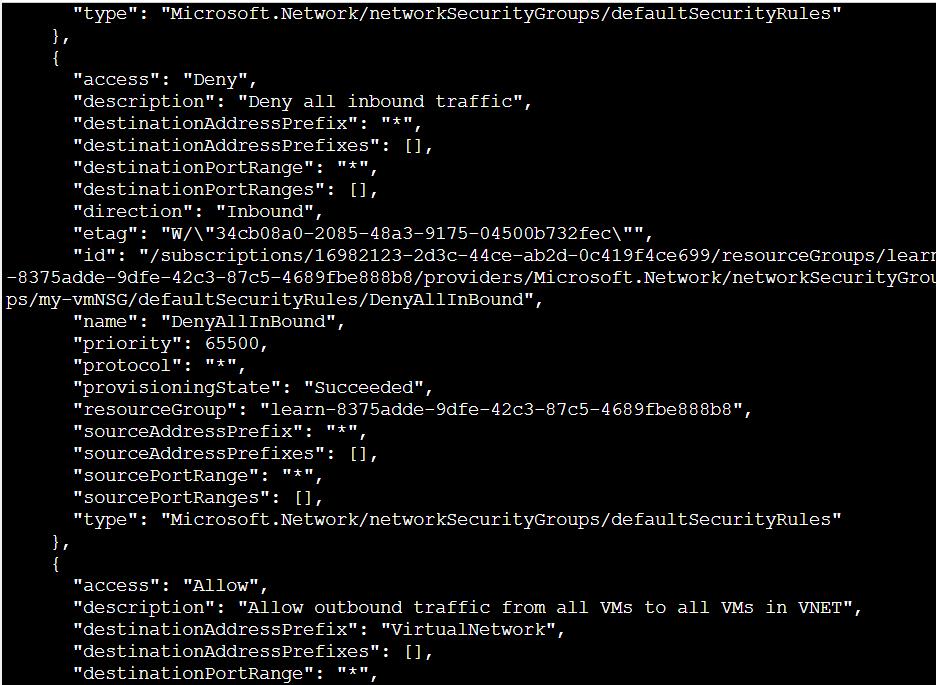


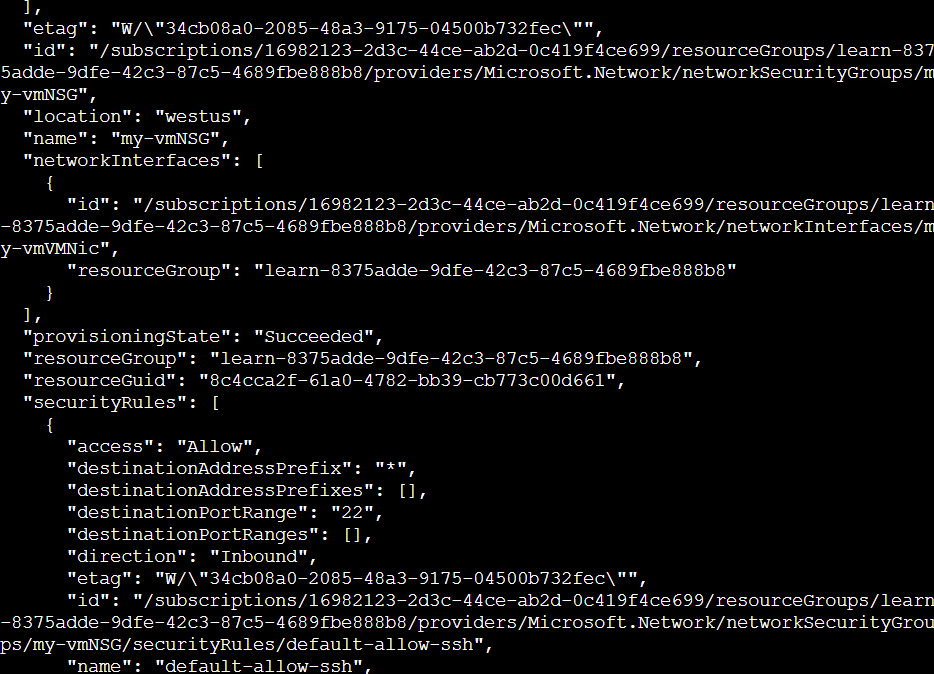
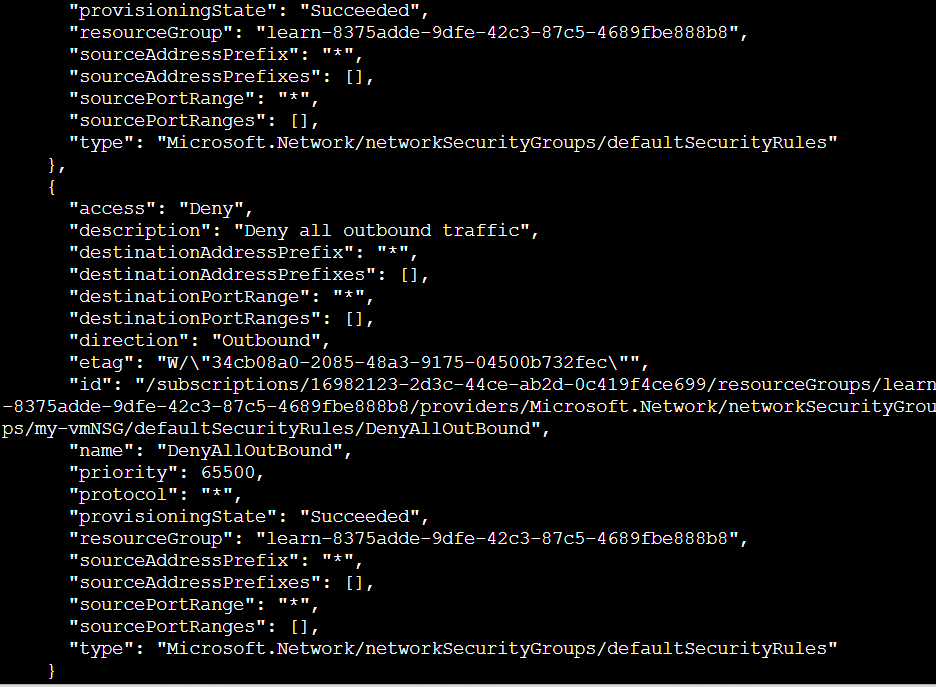


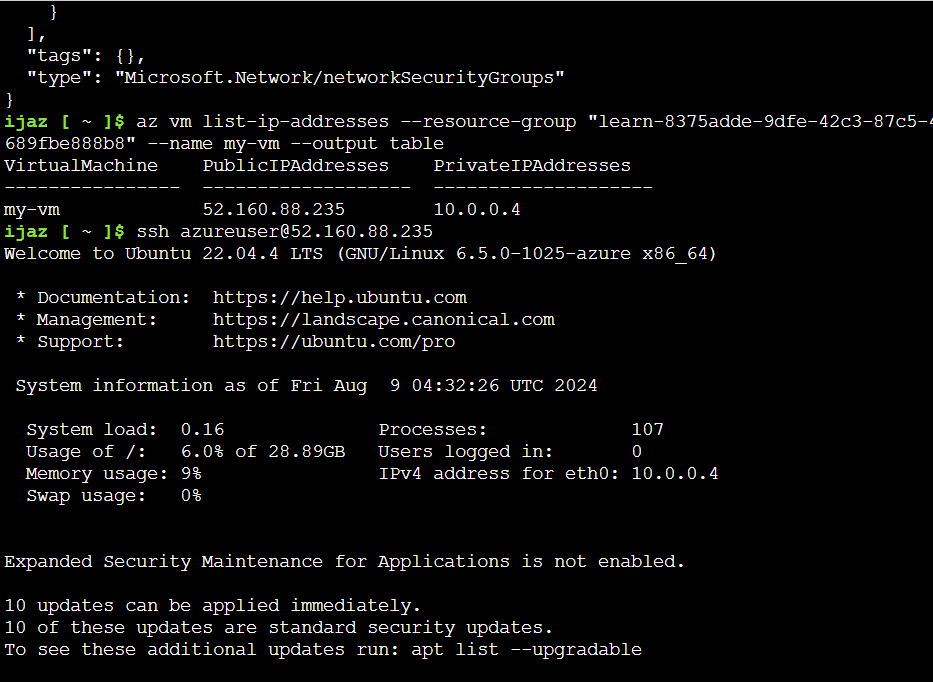
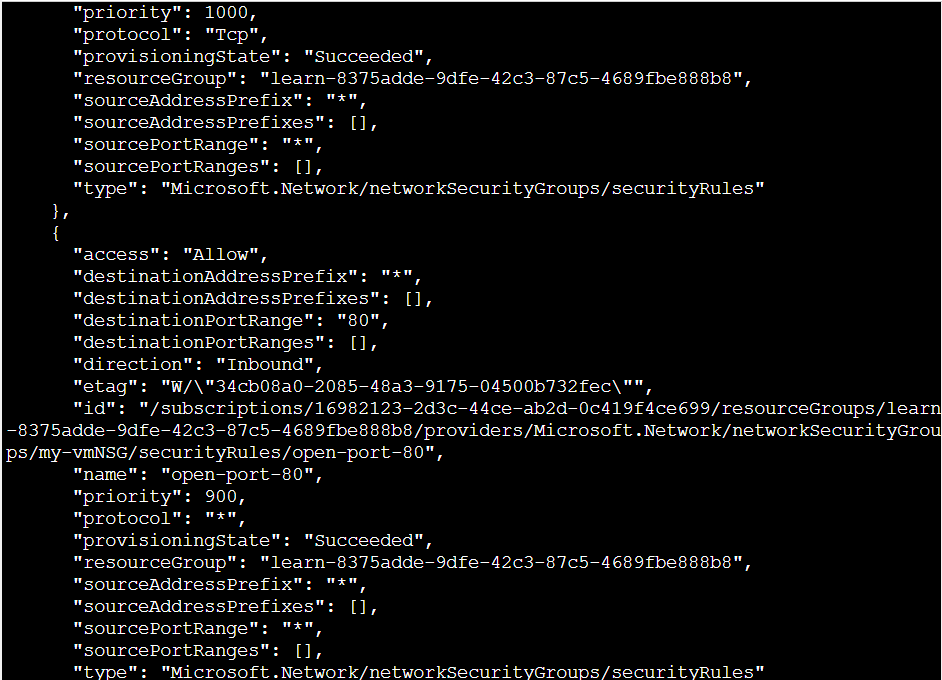


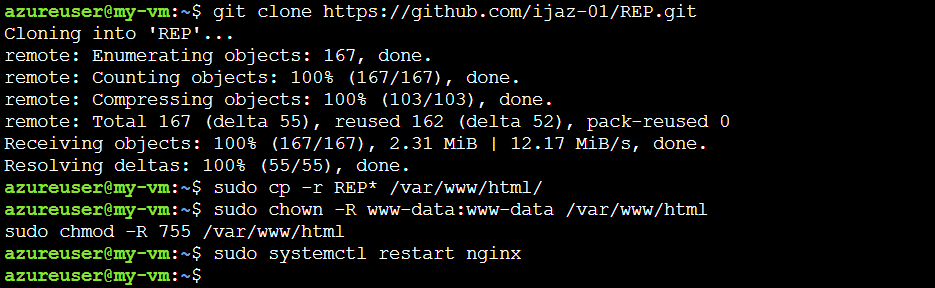
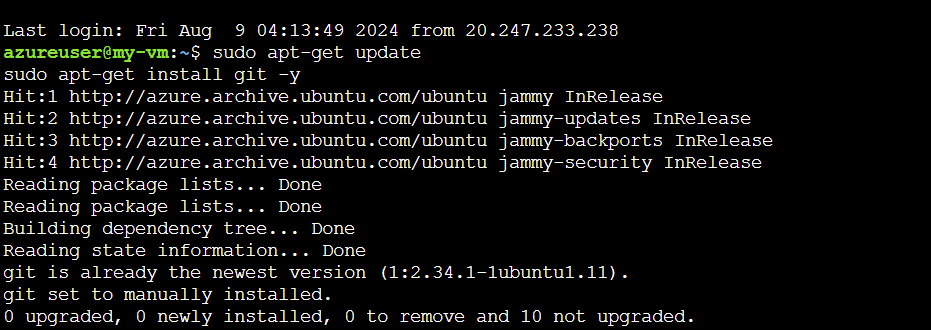




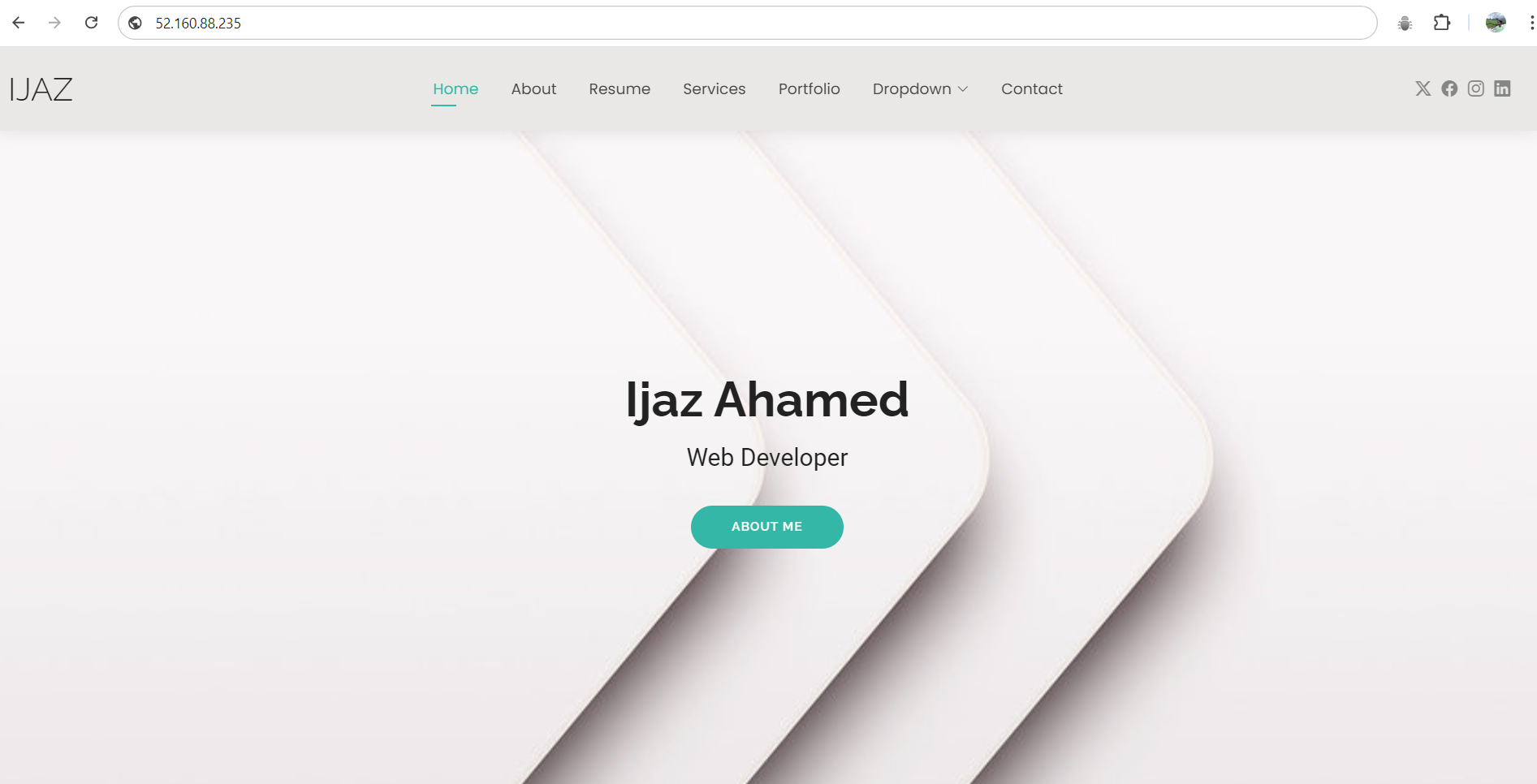




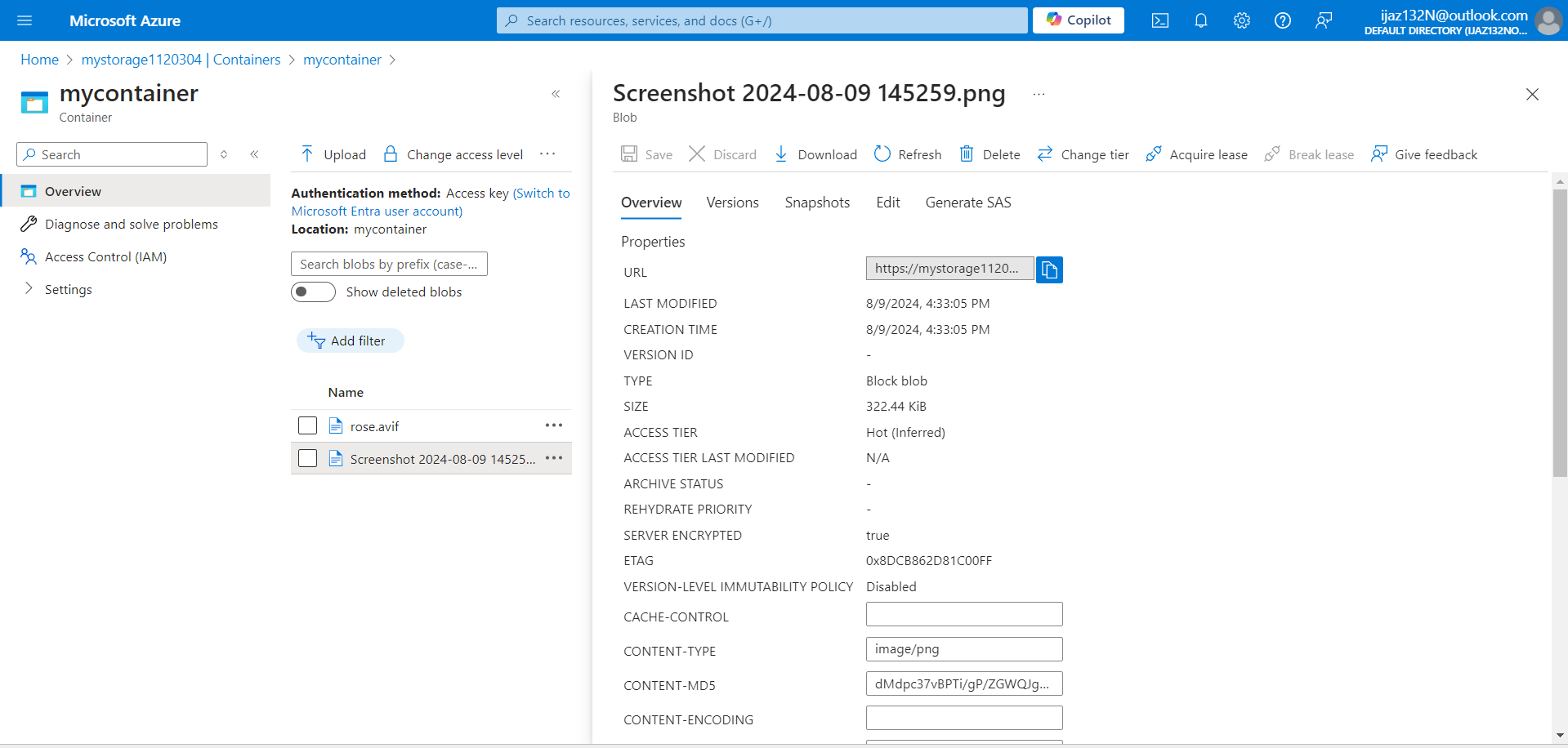


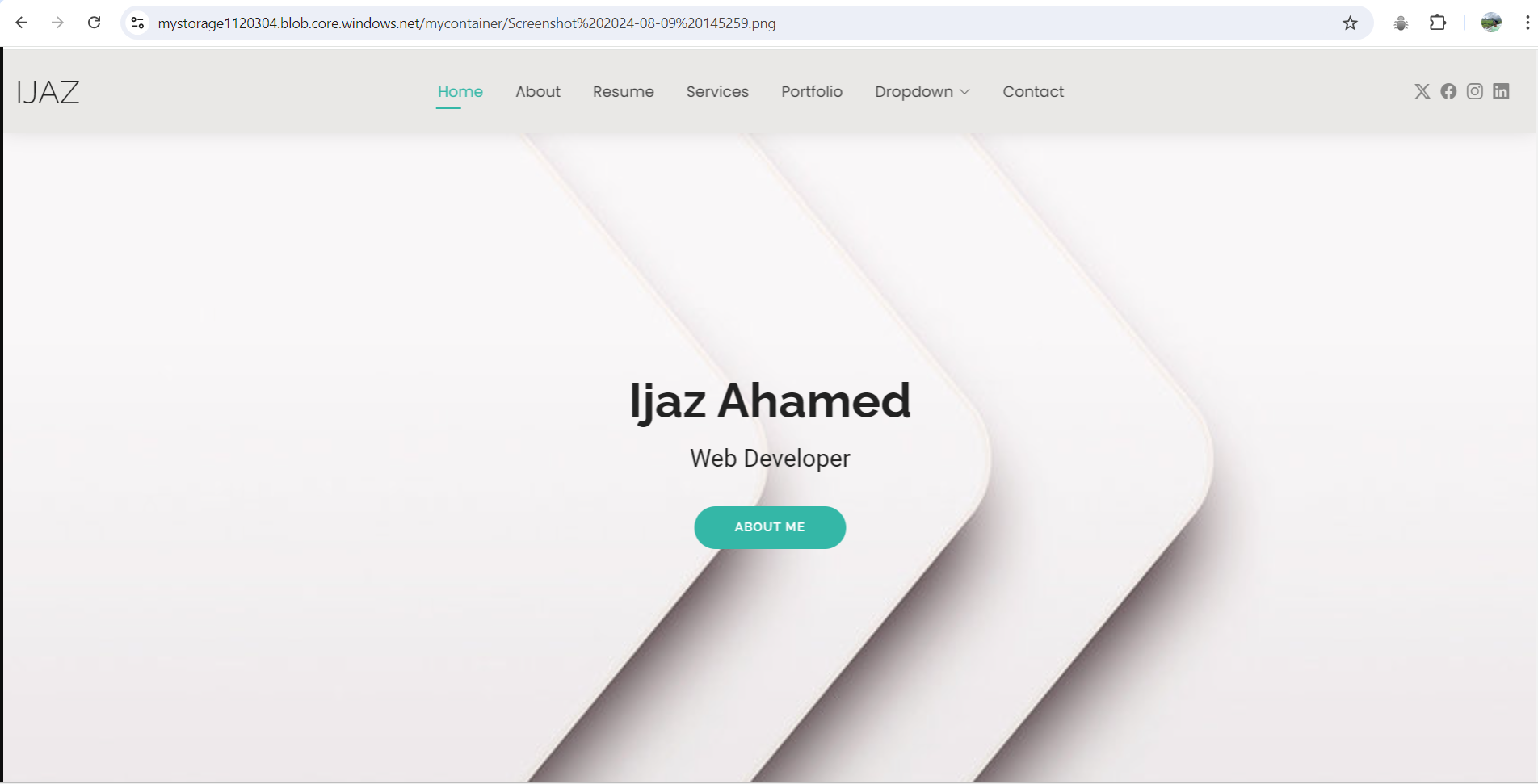


**SANDBOX OUTPUT**

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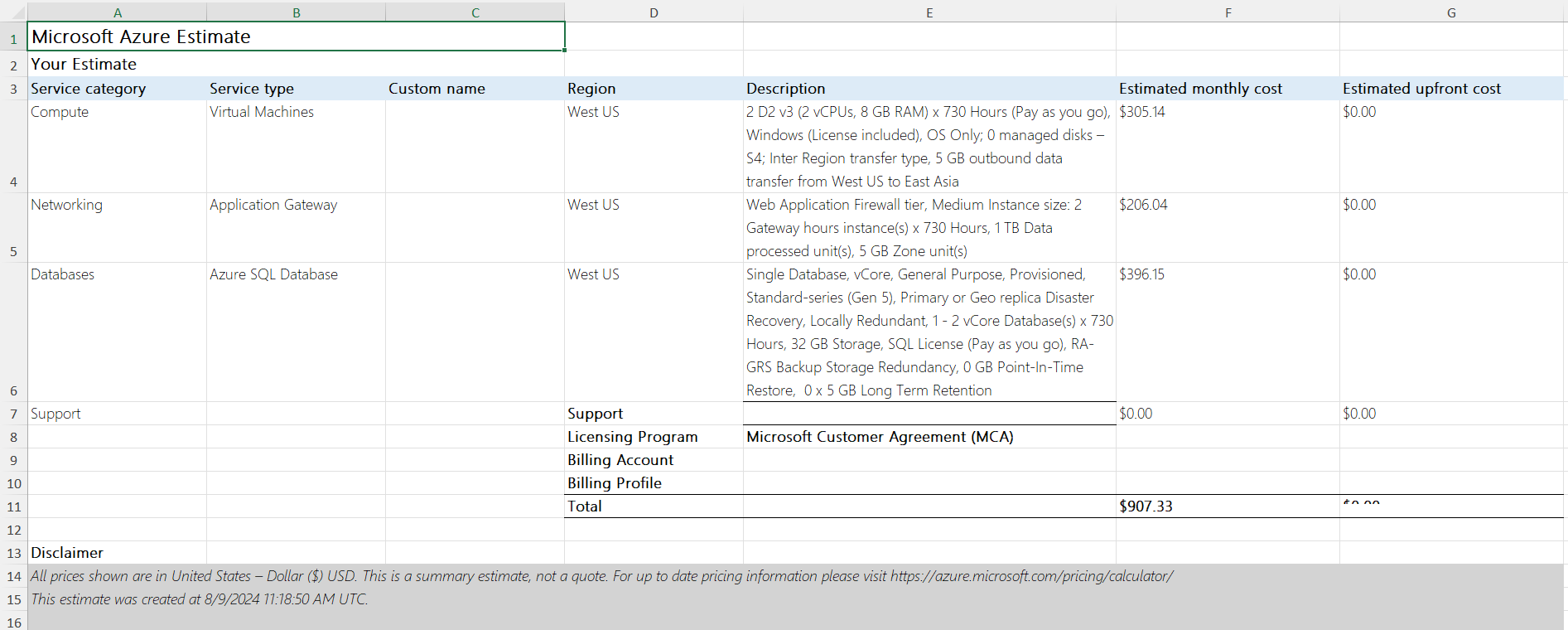
**BLOB**

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*https://mystorage1120304.blob.core.windows.net/mycontainer/Screenshot%202024-08-09%20145259.png*

**ESTIMATED COST**

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