IS 4990

Kurt Jensen, 4/16/2023

Lab #10

**Objectives:**

Create a VM in Azure using Az CLI

**Procedure:**

Launch Azure Cloud Shell

Define Environment Variables

Create virtual machine

Install web server

Open port 80 for web traffic

View the web server

Clean up

**Complications:**

I didn’t run into any complications during this lab. All my complications came from the previous lab.

**Conclusion:**

I created a VM in azure using Az CLI

**Screenshots:**

export RESOURCE\_GROUP\_NAME=myResourceGroup

export LOCATION=eastus

export VM\_NAME=myVM

export VM\_IMAGE=debian

export ADMIN\_USERNAME=azureuser

az vm create \

--resource-group $RESOURCE\_GROUP\_NAME \

--name $VM\_NAME \

--image $VM\_IMAGE \

--admin-username $ADMIN\_USERNAME \

--generate-ssh-keys \

--public-ip-sku Standard

export IP\_ADDRESS=$(az vm show --show-details --resource-group $RESOURCE\_GROUP\_NAME --name $VM\_NAME --query publicIps --output tsv)

az vm run-command invoke \

--resource-group $RESOURCE\_GROUP\_NAME \

--name $VM\_NAME \

--command-id RunShellScript \

--scripts "sudo apt-get update && sudo apt-get install -y nginx"

az vm open-port --port 80 --resource-group $RESOURCE\_GROUP\_NAME --name $VM\_NAME

curl $IP\_ADDRESS

##Insert any required screenshots##