Why Azure CLI?

If we want to create one VM it is fine to Azure UI. But for quick actions or to check VM used, check AKS clusters we use Azure CLI. Automation is biggest reason to use CLI.

For example, a devops engineer gets project to create a VM with K9 cluster, VNet and file storage, by creating this with Azure UI it takes 30 mins approx. now if the same requirement is twice then we will consume more time than usual.

What if we Azure CLI for same requirement, initially it will take time but we can store this command on GitHub which reduces the time frame.

Go to Azure CLI and install

Go for MS Installer or MS Installer with Powershell

64 bit download

When downloaded provide all the permissions to it

Type Learn Azure CLI and click on Article list A-Z which has everything to do with CLI

For creating VM through CLI, we need to create resource group as dependencies.

When you perform ‘az login’ Azure picks up your subscription

Resource group-

‘az group create -- name ‘Name Resource Group’ -- location eastus

This will create a resource group if you check the Azure UI

Create VM-

# Create PowerShell variable

$vmName = "TutorialVM1"

az vm create

--resource-group $resourceGroup

--name $vmName

--image Ubuntu2204

--vnet-name $vnetName

--subnet $subnetName

--generate-ssh-keys

--output json

–verbose

Execute this command, this will use the SSH keys if already generated or it will generate by itself.

If we see the Azure UI and check for VM it will be created

Storage account –