Cluster Creation From Azure Cloud Shell:

#!/bin/bash

VERSION='1.21.7'

aksmgmtrg=k8sb09

az version

az feature register --name AKS-IngressApplicationGatewayAddon --namespace Microsoft.ContainerService

az provider register --namespace Microsoft.ContainerService

az extension add --name aks-preview

az extension update --name aks-preview

az group create -n $aksmgmtrg -l eastus

az aks create --resource-group $aksmgmtrg --name ${aksmgmtrg}cluster \

--node-count 2 --node-vm-size Standard\_B2s --vm-set-type VirtualMachineScaleSets \

--enable-node-public-ip --network-plugin azure --location eastus \

--enable-addons monitoring --kubernetes-version $VERSION --generate-ssh-keys \

--enable-managed-identity --tags Project=k8sb09 -a ingress-appgw \

--appgw-name k8sappgw1 --appgw-subnet-cidr "10.241.1.0/24"

az aks nodepool add --cluster-name ${aksmgmtrg}cluster \

--name highperfpool --resource-group $aksmgmtrg --node-vm-size Standard\_B2s \

--enable-node-public-ip --kubernetes-version $VERSION --node-count 2

az aks nodepool add --cluster-name ${aksmgmtrg}cluster \

--name lowperfpool --resource-group $aksmgmtrg --node-vm-size Standard\_B2s \

--enable-node-public-ip --kubernetes-version $VERSION --node-count 1

az aks get-credentials -n ${aksmgmtrg}cluster -g $aksmgmtrg --admin

kubectl get po -A