Windows PowerShell Get-Help on Cmdlet 'New-AzAksCluster'

PS:\>Get-HELP New-AzAksCluster -Full

NAME

New-AzAksCluster

SYNOPSIS

Create a new managed Kubernetes cluster.

The cmdlet may call below Microsoft Graph API according to input parameters:

- POST /servicePrincipals

SYNTAX

New-AzAksCluster [-ResourceGroupName] <System.String> [-Name] <System.String> [[-ServicePrincipalIdAndSecret] <System.Management.Automation.PSCredential>]

[-AadProfile <Microsoft.Azure.Management.ContainerService.Models.ManagedClusterAADProfile>] [-AcrNameToAttach <System.String>] [-AddOnNameToBeEnabled

<System.String[]>] [-AksCustomHeader <System.Collections.Hashtable>] [-ApiServerAccessAuthorizedIpRange <System.String[]>] [-ApiServerAccessPrivateDnsZone

<System.String>] [-AsJob] [-AssignIdentity <System.String>] [-AutoScalerProfile

<Microsoft.Azure.Management.ContainerService.Models.ManagedClusterPropertiesAutoScalerProfile>]

[-AutoUpgradeChannel <System.String>] [-AvailabilityZone <System.String[]>] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DisableLocalAccount] [-DiskEncryptionSetID <System.String>] [-DnsNamePrefix <System.String>] [-DnsServiceIP <System.String>] [-EdgeZone <System.String>] [-EnableAHUB] [-EnableApiServerAccessPrivateCluster] [-EnableApiServerAccessPrivateClusterPublicFQDN] [-EnableEncryptionAtHost] [-EnableFIPS] [-EnableManagedIdentity] [-EnableNodeAutoScaling] [-EnableNodePublicIp] [-EnableOidcIssuer] [-EnableRbac] [-EnableUltraSSD] [-EnableUptimeSLA] [-Force] [-FqdnSubdomain <System.String>] [-GenerateSshKey] [-GpuInstanceProfile <System.String>] [-HttpProxy <System.String>] [-HttpProxyConfigNoProxyEndpoint <System.String[]>] [-HttpProxyConfigTrustedCa <System.String>] [-HttpsProxy <System.String>] [-KubernetesVersion <System.String>] [-LinuxProfileAdminUserName <System.String>] [-LoadBalancerAllocatedOutboundPort <System.Int32>] [-LoadBalancerIdleTimeoutInMinute <System.Int32>] [-LoadBalancerManagedOutboundIpCount <System.Int32>] [-LoadBalancerOutboundIp <System.String[]>] [-LoadBalancerOutboundIpPrefix <System.String[]>] [-LoadBalancerSku <System.String>] [-Location <System.String>] [-NetworkPlugin <System.String>] [-NetworkPolicy <System.String>] [-NodeCount <System.Int32>] [-NodeHostGroupID <System.String>] [-NodeKubeletConfig <Microsoft.Azure.Management.ContainerService.Models.KubeletConfig>] [-NodeLinuxOSConfig <Microsoft.Azure.Management.ContainerService.Models.LinuxOSConfig>] [-NodeMaxCount <System.Int32>] [-NodeMaxPodCount <System.Int32>] [-NodeMaxSurge <System.String>] [-NodeMinCount <System.Int32>] [-NodeName <System.String>] [-NodeOsDiskSize <System.Int32>] [-NodeOsSKU <System.String>] [-NodePodSubnetID <System.String>] [-NodePoolLabel <System.Collections.Hashtable>] [-NodePoolMode <System.String>] [-NodePoolTag <System.Collections.Hashtable>] [-NodePublicIPPrefixID <System.String>] [-NodeResourceGroup <System.String>] [-NodeScaleSetEvictionPolicy <System.String>] [-NodeSetPriority <System.String>] [-NodeVmSetType <System.String>] [-NodeVmSize <System.String>] [-NodeVnetSubnetID <System.String>] [-OutboundType <System.String>] [-PodCidr <System.String>] [-PPG <System.String>] [-ServiceCidr <System.String>] [-SshKeyValue <System.String>] [-SubnetName <System.String>] [-SubscriptionId <System.String>] [-Tag <System.Collections.Hashtable>] [-WindowsProfileAdminUserName <System.String>] [-WindowsProfileAdminUserPassword <System.Security.SecureString>] [-WorkspaceResourceId <System.String>]

[-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Create a new Azure Kubernetes Service(AKS) cluster.

PARAMETERS

-AadProfile <Microsoft.Azure.Management.ContainerService.Models.ManagedClusterAADProfile>

The Azure Active Directory configuration.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AcrNameToAttach <System.String>

Grant the 'acrpull' role of the specified ACR to AKS Service Principal, e.g. myacr

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AddOnNameToBeEnabled <System.String[]>

Add-on names to be enabled when cluster is created.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AksCustomHeader <System.Collections.Hashtable>

Aks custom headers used for building Kubernetes network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ApiServerAccessAuthorizedIpRange <System.String[]>

The IP ranges authorized to access the Kubernetes API server.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ApiServerAccessPrivateDnsZone <System.String>

The private DNS zone mode for the cluster.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-AssignIdentity <System.String>

ResourceId of user assign managed identity for cluster.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AutoScalerProfile <Microsoft.Azure.Management.ContainerService.Models.ManagedClusterPropertiesAutoScalerProfile>

The parameters to be applied to the cluster-autoscaler.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AutoUpgradeChannel <System.String>

The upgrade channel for auto upgrade. For more information see https://learn.microsoft.com/azure/aks/upgrade-cluster#set-auto-upgrade-channel.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AvailabilityZone <System.String[]>

Availability zones for cluster. Must use VirtualMachineScaleSets AgentPoolType.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DisableLocalAccount <System.Management.Automation.SwitchParameter>

Local accounts should be disabled on the Managed Cluster.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-DiskEncryptionSetID <System.String>

The resource ID of the disk encryption set to use for enabling encryption.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DnsNamePrefix <System.String>

The DNS name prefix for the cluster. The length must be <= 9 if users plan to add windows container.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DnsServiceIP <System.String>

DNS service IP used for building Kubernetes network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EdgeZone <System.String>

The name of the Edge Zone.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EnableAHUB <System.Management.Automation.SwitchParameter>

Whether to enable Azure Hybrid User Benefits (AHUB) for Windows VMs.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableApiServerAccessPrivateCluster <System.Management.Automation.SwitchParameter>

Whether to create the cluster as a private cluster or not.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableApiServerAccessPrivateClusterPublicFQDN <System.Management.Automation.SwitchParameter>

Whether to create additional public FQDN for private cluster or not.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableEncryptionAtHost <System.Management.Automation.SwitchParameter>

Whether to enable host based OS and data drive

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableFIPS <System.Management.Automation.SwitchParameter>

Whether to use a FIPS-enabled OS

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableManagedIdentity <System.Management.Automation.SwitchParameter>

Using a managed identity to manage cluster resource group.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableNodeAutoScaling <System.Management.Automation.SwitchParameter>

Whether to enable auto-scaler

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableNodePublicIp <System.Management.Automation.SwitchParameter>

Whether to enable public IP for nodes.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableOidcIssuer <System.Management.Automation.SwitchParameter>

Whether to enalbe OIDC issuer feature.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableRbac <System.Management.Automation.SwitchParameter>

Whether to enable Kubernetes Role-Based Access

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableUltraSSD <System.Management.Automation.SwitchParameter>

whether to enable UltraSSD

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableUptimeSLA <System.Management.Automation.SwitchParameter>

Whether to use use Uptime SLA.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Create cluster even if it already exists

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-FqdnSubdomain <System.String>

The FQDN subdomain of the private cluster with custom private dns zone.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-GenerateSshKey <System.Management.Automation.SwitchParameter>

Generate ssh key file to {HOME}/.ssh/id_rsa.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-GpuInstanceProfile <System.String>

The GpuInstanceProfile to be used to specify GPU MIG instance profile for supported GPU VM SKU.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-HttpProxy <System.String>

The HTTP proxy server endpoint to use.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-HttpProxyConfigNoProxyEndpoint <System.String[]>

The endpoints that should not go through proxy.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-HttpProxyConfigTrustedCa <System.String>

Alternative CA cert to use for connecting to proxy servers.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-HttpsProxy <System.String>

The HTTPS proxy server endpoint to use

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-KubernetesVersion <System.String>

The version of Kubernetes to use for creating the cluster.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LinuxProfileAdminUserName <System.String>

User name for the Linux Virtual Machines.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LoadBalancerAllocatedOutboundPort <System.Int32>

The desired number of allocated SNAT ports per VM.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LoadBalancerIdleTimeoutInMinute <System.Int32>

Desired outbound flow idle timeout in minutes.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LoadBalancerManagedOutboundIpCount <System.Int32>

Desired managed outbound IPs count for the cluster load balancer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LoadBalancerOutboundIp <System.String[]>

Desired outbound IP resources for the cluster load balancer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LoadBalancerOutboundIpPrefix <System.String[]>

Desired outbound IP Prefix resources for the cluster load balancer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LoadBalancerSku <System.String>

The load balancer sku for the managed cluster.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String>

Azure location for the cluster. Defaults to the location of the resource group.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Kubernetes managed cluster Name.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NetworkPlugin <System.String>

Network plugin used for building Kubernetes network.

Required? false

Position? named

Default value azure

Accept pipeline input? False

Accept wildcard characters? false

-NetworkPolicy <System.String>

Network policy used for building Kubernetes network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeCount <System.Int32>

The default number of nodes for the node pools.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeHostGroupID <System.String>

The fully qualified resource ID of the Dedicated Host Group to provision virtual machines from, used only for creation

scenario and not allowed to changed once set.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeKubeletConfig <Microsoft.Azure.Management.ContainerService.Models.KubeletConfig>

The Kubelet configuration on the agent pool nodes.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeLinuxOSConfig <Microsoft.Azure.Management.ContainerService.Models.LinuxOSConfig>

The OS configuration of Linux agent nodes.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeMaxCount <System.Int32>

Maximum number of nodes for auto-scaling

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeMaxPodCount <System.Int32>

Maximum number of pods that can run on node.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeMaxSurge <System.String>

The maximum number or percentage of nodes that ar surged during upgrade.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeMinCount <System.Int32>

Minimum number of nodes for auto-scaling.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeName <System.String>

Unique name of the agent pool profile in the context of the subscription and resource group.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeOsDiskSize <System.Int32>

Size in GB of the OS disk for each node in the node pool. Minimum 30 GB.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeOsSKU <System.String>

The default OS sku for the node pools.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodePodSubnetID <System.String>

The ID of the subnet which pods will join when launched.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodePoolLabel <System.Collections.Hashtable>

Node pool labels used for building Kubernetes network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodePoolMode <System.String>

NodePoolMode represents mode of an node pool.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodePoolTag <System.Collections.Hashtable>

The tags to be persisted on the agent pool virtual machine scale set.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodePublicIPPrefixID <System.String>

The resource Id of public IP prefix for node pool.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeResourceGroup <System.String>

The resource group containing agent pool.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeScaleSetEvictionPolicy <System.String>

ScaleSetEvictionPolicy to be used to specify eviction policy for low priority virtual machine scale set. Default to Delete.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeSetPriority <System.String>

ScaleSetPriority to be used to specify virtual machine scale set priority. Default to regular.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeVmSetType <System.String>

AgentPoolType represents types of an agent pool. Possible values include: 'VirtualMachineScaleSets', 'AvailabilitySet'

Required? false

Position? named

Default value VirtualMachineScaleSets

Accept pipeline input? False

Accept wildcard characters? false

-NodeVmSize <System.String>

The size of the Virtual Machine. Default value is Standard_D2_v2.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeVnetSubnetID <System.String>

VNet SubnetID specifies the VNet's subnet identifier.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-OutboundType <System.String>

The outbound (egress) routing method.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PodCidr <System.String>

Pod cidr used for building Kubernetes network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PPG <System.String>

The ID for Proximity Placement Group.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource Group Name.

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ServiceCidr <System.String>

Service cidr used for building Kubernetes network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ServicePrincipalIdAndSecret <System.Management.Automation.PSCredential>

The client id and client secret associated with the AAD application / service principal.

Required? false

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SshKeyValue <System.String>

SSH key file value or key file path. Defaults to {HOME}/.ssh/id_rsa.pub.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SubnetName <System.String>

Subnet name of VirtualNode addon.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SubscriptionId <System.String>

The ID of the subscription. By default, cmdlets are executed in the subscription that is set in the current context. If the user specifies another subscription,

the current cmdlet is executed in the subscription specified by the user. Overriding subscriptions only take effect during

the lifecycle of the current cmdlet. It

does not change the subscription in the context, and does not affect subsequent cmdlets.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Tags to be applied to the resource

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WindowsProfileAdminUserName <System.String>

The administrator username to use for Windows VMs.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WindowsProfileAdminUserPassword <System.Security.SecureString>

The administrator password to use for Windows VMs, its length must be at least 12, containing at least one lower case character, i.e. `[a-z]`, one `[A-Z]` and one

special character `[!@#$%^&*()]`.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WorkspaceResourceId <System.String>

Resource Id of the workspace of Monitoring addon.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug,
ErrorAction, ErrorVariable, WarningAction, WarningVariable,
OutBuffer, PipelineVariable, and OutVariable. For more information, see
about_CommonParameters (https:/go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

OUTPUTS

Microsoft.Azure.Commands.Aks.Models.PSKubernetesCluster

NOTES

---------- Create an AKS with default params. ----------

New-AzAksCluster -ResourceGroupName myResourceGroup -Name myCluster

---------- Create Windows Server container on an AKS. ----------

$cred = ConvertTo-SecureString -AsPlainText "Password!!123" -Force

New-AzAksCluster -ResourceGroupName myResourceGroup -Name myCluster -WindowsProfileAdminUserName azureuser -WindowsProfileAdminUserPassword $cred -NetworkPlugin azure

-NodeVmSetType VirtualMachineScaleSets

New-AzAksNodePool -ResourceGroupName myResourceGroup -ClusterName myCluster -Name win1 -OsType Windows -VmSetType VirtualMachineScaleSets

- Create an AKS cluster with LinuxOSConfig and KubeletConfig. -

```
$linuxOsConfigJsonStr = @'
        {
         "transparentHugePageEnabled": "madvise",
         "transparentHugePageDefrag": "defer+madvise",
         "swapFileSizeMB": 1500,
         "sysctls": {
          "netCoreSomaxconn": 163849,
          "netIpv4TcpTwReuse": true,
          "netIpv4IpLocalPortRange": "32000 60000"
         }
        }
'@
    $linuxOsConfig = [Microsoft.Azure.Management.ContainerService.Models.LinuxOSConfig] ($linuxOsConfigJsonStr | ConvertFrom-Json)
$kubeletConfigStr = @'
        {
         "failSwapOn": false
        }
'@
      $kubeletConfig = [Microsoft.Azure.Management.ContainerService.Models.KubeletConfig] ($kubeletConfigStr | ConvertFrom-Json)

       New-AzAksCluster -ResourceGroupName myResourceGroup -Name myAKSCluster -NodeLinuxOSConfig $linuxOsConfig -NodeKubeletConfig $kubeletConfig
```

-------- Create an AKS cluster with AutoScalerProfile. --------

```
$AutoScalerProfile=@{
    ScanInterval="30s"
    Expander="least-waste"
}
```

```
$AutoScalerProfile=[Microsoft.Azure.Management.ContainerService.Models.ManagedClusterPropertiesAutoScalerProfile]$AutoScalerProfile
```

```
New-AzAksCluster -ResourceGroupName myResourceGroup -Name myAKSCluster -AutoScalerProfile $AutoScalerProfile
```

---------- Create an AKS cluster with AadProfile. ----------

```
$AKSAdminGroup=New-AzADGroup -DisplayName myAKSAdminGroup -MailNickname myAKSAdminGroup
$AadProfile=@{
    managed=$true
    enableAzureRBAC=$false
    adminGroupObjectIDs=[System.Collections.Generic.List[string]]@($AKSAdminGroup.Id)
}
$AadProfile=[Microsoft.Azure.Management.ContainerService.Models.ManagedClusterAADProfile]$AadProfile

New-AzAksCluster -ResourceGroupName myResourceGroup -Name myAKSCluster -AadProfile $AadProfile
```

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.aks/new-azakscluster