



Windows PowerShell Get-Help on Cmdlet 'Update-AzAksNodePool'

PS:\>Get-HELP Update-AzAksNodePool -Full

NAME

Update-AzAksNodePool

SYNOPSIS

Update node pool in a managed cluster.

SYNTAX

```
Update-AzAksNodePool [-AksCustomHeader <System.Collections.Hashtable>] [-AsJob] -ClusterName <System.String>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnableAutoScaling]
[-Force] [-KubernetesVersion <System.String>]
[-MaxCount <System.Int32>] [-MaxSurge <System.String>] [-MinCount <System.Int32>] [-Mode <System.String>] -Name
<System.String> [-NodeCount <System.Int32>]
[-NodeImageOnly] [-NodeLabel <System.Collections.Hashtable>] [-NodeTaint <System.String[]>] -ResourceGroupName
<System.String> [-SubscriptionId <System.String>] [-Tag
<System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Update-AzAksNodePool [-AksCustomHeader <System.Collections.Hashtable>] [-AsJob] -ClusterObject
<Microsoft.Azure.Commands.Aks.Models.PSKubernetesCluster>
```

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>
 [-EnableAutoScaling] [-Force] [-KubernetesVersion
 <System.String>] [-MaxCount <System.Int32>] [-MaxSurge <System.String>] [-MinCount <System.Int32>] [-Mode
 <System.String>] -Name <System.String> [-NodeCount
 <System.Int32>] [-NodeImageOnly] [-NodeLabel <System.Collections.Hashtable>] [-NodeTaint <System.String[]>
 [-SubscriptionId <System.String>] [-Tag
 <System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]

Update-AzAksNodePool [-AksCustomHeader <System.Collections.Hashtable>] [-AsJob] [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnableAutoScaling]
 [-Force] -Id <System.String> [-KubernetesVersion
 <System.String>] [-MaxCount <System.Int32>] [-MaxSurge <System.String>] [-MinCount <System.Int32>] [-Mode
 <System.String>] [-NodeCount <System.Int32>
 [-NodeImageOnly] [-NodeLabel <System.Collections.Hashtable>] [-NodeTaint <System.String[]>] [-SubscriptionId
 <System.String>] [-Tag <System.Collections.Hashtable>]
 [-Confirm] [-WhatIf] [<CommonParameters>]

Update-AzAksNodePool [-AksCustomHeader <System.Collections.Hashtable>] [-AsJob] [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnableAutoScaling]
 [-Force] -InputObject
 <Microsoft.Azure.Commands.Aks.Models.PSNodePool> [-KubernetesVersion <System.String>] [-MaxCount
 <System.Int32>] [-MaxSurge <System.String>] [-MinCount
 <System.Int32>] [-Mode <System.String>] [-NodeCount <System.Int32>] [-NodeImageOnly] [-NodeLabel
 <System.Collections.Hashtable>] [-NodeTaint <System.String[]>
 [-SubscriptionId <System.String>] [-Tag <System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Update node pool in a managed cluster.

PARAMETERS

-AksCustomHeader <System.Collections.Hashtable>

Aks custom headers

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

-ClusterName <System.String>

The name of the managed cluster resource.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-ClusterObject <Microsoft.Azure.Commands.Aks.Models.PSKubernetesCluster>

The cluster object

Required?	true
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

-EnableAutoScaling <System.Management.Automation.SwitchParameter>

Whether to enable auto-scaler

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Update node pool without prompt

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Id <System.String>

Id of an node pool in managed Kubernetes cluster

Required? true

Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Aks.Models.PSNodePool>

A PSAgentPool object, normally passed through the pipeline.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByValue)
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

-MaxCount <System.Int32>

Maximum number of nodes for auto-scaling

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-MaxSurge <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

-MinCount <System.Int32>

Minimum number of nodes for auto-scaling.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Mode <System.String>

The pool mode

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Name <System.String>

The name of the node pool.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	False

Accept wildcard characters? false

-NodeCount <System.Int32>

The number of nodes for the node pools.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeImageOnly <System.Management.Automation.SwitchParameter>

Will only upgrade the node image of agent pools.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-NodeLabel <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

-NodeTaint <System.String[]>

The node taints added to new nodes during node pool create and scale

Required? false

Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

The name of the resource group.

Required? true
Position? named
Default value None
Accept pipeline input? False
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>

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

-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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.Aks.Models.PSNodePool

System.String

OUTPUTS

Microsoft.Azure.Commands.Aks.Models.PSNodePool

NOTES

----- Change minimum count to 5 for specified node pool -----

```
Update-AzAksNodePool -ResourceGroupName myResourceGroup -ClusterName myCluster -Name linuxpool -MinCount  
5
```

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.aks/update-azaksnodepool>