



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

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

NAME

New-AzStackHciCluster

SYNOPSIS

Create an HCI cluster.

SYNTAX

```
New-AzStackHciCluster -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location <String>
[-AadApplicationObjectId <String>] [-AadClientId
<String>] [-AadServicePrincipalObjectId <String>] [-AadTenantId <String>] [-CloudManagementEndpoint <String>]
[-DesiredPropertyDiagnosticLevel <DiagnosticLevel>]
[-DesiredPropertyWindowsServerSubscription <WindowsServerSubscription>] [-IdentityType
<ManagedServiceIdentityType>] [-IdentityUserAssignedIdentity <Hashtable>]
[-SoftwareAssurancePropertySoftwareAssuranceIntent <SoftwareAssuranceIntent>]
[-SoftwareAssurancePropertySoftwareAssuranceStatus <SoftwareAssuranceStatus>] [-Tag
<Hashtable>] [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

DESCRIPTION

Create an HCI cluster.

PARAMETERS

-Name <String>

The name of the cluster.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The geo-location where the resource lives

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AadApplicationObjectId <String>

Object id of cluster AAD identity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AadClientId <String>

App id of cluster AAD identity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AadServicePrincipalObjectId <String>

Id of cluster identity service principal.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AadTenantId <String>

Tenant id of cluster AAD identity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CloudManagementEndpoint <String>

Endpoint configured for management from the Azure portal.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DesiredPropertyDiagnosticLevel <DiagnosticLevel>

Desired level of diagnostic data emitted by the cluster.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DesiredPropertyWindowsServerSubscription <WindowsServerSubscription>

Desired state of Windows Server Subscription.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-IdentityType <ManagedServiceIdentityType>

Type of managed service identity (where both SystemAssigned and UserAssigned types are allowed).

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-IdentityUserAssignedIdentities <Hashtable>

The set of user assigned identities associated with the resource.

The userAssignedIdentities dictionary keys will be ARM resource ids in the form:

/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.ManagedIdentity/userAssignedIdentities/{identityName}.

The dictionary values can be empty objects ({} in requests.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SoftwareAssurancePropertySoftwareAssuranceIntent <SoftwareAssuranceIntent>

Customer Intent for Software Assurance Benefit.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SoftwareAssurancePropertySoftwareAssuranceStatus <SoftwareAssuranceStatus>

Status of the Software Assurance for the cluster.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Tag <Hashtable>

Resource tags.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named
Default value
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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.StackHCI.Models.Api20230301.ICluster

----- EXAMPLE 1 -----

```
PS C:\>New-AzStackHciCluster -Name "myCluster" -ResourceGroupName "test-rg" -AadTenantId  
"c76bd4d1-bea3-45ea-be1b-4a745a675d07" -AadClientId  
"24a6e53d-04e5-44d2-b7cc-1b732a847dfc" -Location "eastus"
```

----- EXAMPLE 2 -----

```
PS C:\>New-AzStackHciCluster -Name "myCluster2" -ResourceGroupName "test-rg" -AadTenantId  
"c76bd4d1-bea3-45ea-be1b-4a745a675d07" -AadClientId  
"24a6e53d-04e5-44d2-b7cc-1b732a847dfc" -Location "westeurope" -DesiredPropertyDiagnosticLevel "Off"
```

-DesiredPropertyWindowsServerSubscription "Enabled"

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.stackhci/new-azstackhcluster>