



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

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

NAME

New-AzStackHciExtension

SYNOPSIS

Create Extension for HCI cluster.

SYNTAX

```
New-AzStackHciExtension -ArcSettingName <String> -ClusterName <String> -Name <String> -ResourceGroupName
<String> [-SubscriptionId <String>]
                        [-ExtensionParameterAutoUpgradeMinorVersion]      [-ExtensionParameterEnableAutomaticUpgrade]
[-ExtensionParameterForceUpdateTag <String>]
                        [-ExtensionParameterProtectedSetting <Hashtable>]  [-ExtensionParameterPublisher <String>]
[-ExtensionParameterSetting <Hashtable>] [-ExtensionParameterType <String>]
                        [-ExtensionParameterTypeHandlerVersion <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]
```

DESCRIPTION

Create Extension for HCI cluster.

PARAMETERS

-ArcSettingName <String>

The name of the proxy resource holding details of HCI ArcSetting information.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ClusterName <String>

The name of the cluster.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Name <String>

The name of the machine extension.

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

-ExtensionParameterAutoUpgradeMinorVersion [<SwitchParameter>]

Indicates whether the extension should use a newer minor version if one is available at deployment time.

Once deployed, however, the extension will not upgrade minor versions unless redeployed, even with this property set to true.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-ExtensionParameterEnableAutomaticUpgrade [<SwitchParameter>]

Indicates whether the extension should be automatically upgraded by the platform if there is a newer version available.

Required? false

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

-ExtensionParameterForceUpdateTag <String>

How the extension handler should be forced to update even if the extension configuration has not changed.

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

-ExtensionParameterProtectedSetting <Hashtable>

Protected settings (may contain secrets).

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

-ExtensionParameterPublisher <String>

The name of the extension handler publisher.

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

-ExtensionParameterSetting <Hashtable>

Json formatted public settings for the extension.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ExtensionParameterType <String>

Specifies the type of the extension; an example is "CustomScriptExtension".

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ExtensionParameterTypeHandlerVersion <String>

Specifies the version of the script handler.

Latest version would be used if not specified.

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

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False

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

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false
Position? named
Default value False
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>).

OUTPUTS

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

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

```
PS C:\>New-AzStackHciExtension -ArcSettingName "default" -ClusterName "myCluster" -Name  
"MicrosoftMonitoringAgent" -ResourceGroupName test-rg
```

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

```
PS C:\>$Settings = @{ "commandToExecute" = "powershell.exe -c Get-Process" }
```

```
New-AzStackHciExtension -ArcSettingName "default" -ClusterName "myCluster" -Name "MicrosoftMonitoringAgent"  
-ResourceGroupName test-rg -ExtensionParameterPublisher  
"Microsoft.Compute" -ExtensionParameterType "MicrosoftMonitoringAgent" -ExtensionParameterProtectedSetting  
$Settings
```

RELATED LINKS

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