



Windows PowerShell Get-Help on Cmdlet 'Invoke-AzCloudServiceRoleInstanceRebuild'

PS:\>Get-HELP Invoke-AzCloudServiceRoleInstanceRebuild -Full

NAME

Invoke-AzCloudServiceRoleInstanceRebuild

SYNOPSIS

The Rebuild Role Instance asynchronous operation reinstalls the operating system on instances of web roles or worker roles and initializes the storage resources that

are used by them.

If you do not want to initialize storage resources, you can use Reimage Role Instance.

SYNTAX

```
Invoke-AzCloudServiceRoleInstanceRebuild -CloudServiceName <String> -ResourceGroupName <String>
-RoleInstanceName <String> [-SubscriptionId <String>] [-DefaultProfile
<PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>]
[-NoWait] [-PassThru] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```
Invoke-AzCloudServiceRoleInstanceRebuild -InputObject <ICloudServiceIdentity> [-DefaultProfile <PSObject>] [-AsJob]
[-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-PassThru] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
```

[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]

[<CommonParameters>]

DESCRIPTION

The Rebuild Role Instance asynchronous operation reinstalls the operating system on instances of web roles or worker roles and initializes the storage resources that are used by them.

If you do not want to initialize storage resources, you can use Reimage Role Instance.

PARAMETERS

-CloudServiceName <String>

Name of the cloud service.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

Name of the resource group.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RoleInstanceName <String>

Name of the role instance.

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

-SubscriptionId <String>

Subscription credentials which uniquely identify Microsoft Azure subscription.
The subscription ID forms part of the URI for every service call.

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

-InputObject <ICloudServiceIdentity>

Identity Parameter
To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

Required? true
Position? named
Default value
Accept pipeline input? true (ByValue)
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

-PassThru [<SwitchParameter>]

Returns true when the command succeeds

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

INPUTS

Microsoft.Azure.PowerShell.Cmdlets.CloudService.Models.ICloudServiceIdentity

OUTPUTS

System.Boolean

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

[about_Hash_Tables](#).

INPUTOBJECT <ICloudServiceIdentity>: Identity Parameter

[CloudServiceName <String>]: Name of the cloud service.

[IPConfigurationName <String>]: The IP configuration name.

[Id <String>]: Resource identity path

[Location <String>]: Name of the location that the OS version pertains to.

[NetworkInterfaceName <String>]: The name of the network interface.

[OSFamilyName <String>]: Name of the OS family.

[OSVersionName <String>]: Name of the OS version.

[PublicIPAddressName <String>]: The name of the public IP Address.

[ResourceGroupName <String>]: Name of the resource group.

[RoleInstanceName <String>]: Name of the role instance.

[RoleName <String>]: Name of the role.

[SubscriptionId <String>]: Subscription credentials which uniquely identify Microsoft Azure subscription. The subscription ID forms part of the URI for every

service call.

[UpdateDomain <Int32?>]: Specifies an integer value that identifies the update domain. Update domains are identified with a zero-based index: the first update

domain has an ID of 0, the second has an ID of 1, and so on.

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

```
PS C:\>Invoke-AzCloudServiceRoleInstanceRebuild -ResourceGroupName "ContosOrg" -CloudServiceName  
"ContosoCS" -RoleInstanceName "ContosoFrontEnd_IN_0"
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.cloudservice/invoke-azcloudserviceroleinstancerebuild>