



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

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

NAME

New-AzMigrateHCIServerReplication

SYNOPSIS

Starts replication for the specified server.

SYNTAX

```
New-AzMigrateHCIServerReplication -MachineId <String> -TargetStoragePathId <String> -TargetResourceGroupId
<String> -TargetVMName <String> -TargetVirtualSwitchId
    <String> -OSDiskID <String> [-TargetVMCPUCore <Int32>] [-TargetTestVirtualSwitchId <String>]
[-IsDynamicMemoryEnabled <String>] [-TargetVMRam <Int64>]
    [-SubscriptionId <String>] [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]
    [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```
New-AzMigrateHCIServerReplication -MachineId <String> -TargetStoragePathId <String> -TargetResourceGroupId
<String> -TargetVMName <String> [-TargetVMCPUCore <Int32>]
    [-IsDynamicMemoryEnabled <String>] [-TargetVMRam <Int64>] [-SubscriptionId <String>] -DiskToInclude
<AzStackHCIDiskInput[]> -NicToInclude <AzStackHCINicInput[]>
```

[**-DefaultProfile** <PSObject>] [**-Break**] [**-HttpPipelineAppend** <SendAsyncStep[]>] [**-HttpPipelinePrepend** <SendAsyncStep[]>] [**-Proxy** <Uri>] [**-ProxyCredential** <PSCredential>] [**-ProxyUseDefaultCredentials**] [**-WhatIf**] [**-Confirm**] [<CommonParameters>]

DESCRIPTION

The **New-AzMigrateHCIServerReplication** cmdlet starts the replication for a particular discovered server in the Azure Migrate project.

PARAMETERS

-MachineId <String>

Specifies the machine ARM ID of the discovered server to be migrated.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetStoragePathId <String>

Specifies the storage path ARM ID where the VMs will be stored.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetResourceGroupId <String>

Specifies the target Resource Group Id where the migrated VM resources will reside.

Required? true

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

-TargetVMName <String>

Specifies the name of the VM to be created.

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

-TargetVirtualSwitchId <String>

Specifies the logical network ARM ID that the VMs will use.

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

-OSDiskID <String>

Specifies the Operating System disk for the source server to be migrated.

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

-TargetVMCPUCore <Int32>

Specifies the number of CPU cores.

Required?	false
Position?	named
Default value	0
Accept pipeline input?	false
Accept wildcard characters?	false

-TargetTestVirtualSwitchId <String>

Specifies the test logical network ARM ID that the VMs will use.

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

-IsDynamicMemoryEnabled <String>

Specifies if RAM is dynamic or not.

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

-TargetVMRam <Int64>

Specifies the target RAM size in MB.

Required?	false
Position?	named
Default value	0
Accept pipeline input?	false

Accept wildcard characters? false

-SubscriptionId <String>

Azure Subscription ID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DiskToInclude <AzStackHCIDiskInput[]>

Specifies the disks on the source server to be included for replication.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NicToInclude <AzStackHCINicInput[]>

Specifies the NICs on the source server to be included for replication.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

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

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.Migrate.Models.Api20210216Preview.IWorkflowModel

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

PS C:\>New-AzMigrateHCIServerReplication -MachineId

"/subscriptions/xxx-xxx-xxx/resourceGroups/test-rg/providers/Microsoft.OffAzure/HyperVSites/testsrc7972site/machines/005-005-005" -OSDiskID

"Microsoft:0EC082D5-6827-457A-BAE2-F986E1B94851\83F8638B-8DCA-4152-9EDA-2CA8B33039B4\0\0L"

-TargetStoragePathId

"/subscriptions/xxx-xxx-xxx/resourceGroups/hciclus-rg/providers/Microsoft.AzureStackHCI/storagecontainers/testStorageContainer1" -TargetVirtualSwitchId

"/subscriptions/xxx-xxx-xxx/resourceGroups/hciclus-rg/providers/Microsoft.AzureStackHCI/logicalnetworks/External" -TargetVirtualSwitchId

-TargetResourceGroupId

"/subscriptions/xxx-xxx-xxx/resourceGroups/target-rg"-TargetVMName "targetVM"

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

PS C:\>[AzStackHCIDiskInput[]]\$DisksToInclude = @()

```

                                $OSDisk                =                New-AzMigrateHCIDiskMappingObject                -DiskID
"Microsoft:C1A34301-3BFF-4EC6-97F1-6C4BD5ADCDE0\83F8638B-8DCA-4152-9EDA-2CA8B33039B4\0\0\L" -IsOSDisk
true
```

-IsDynamic true -Size 42 -Format VHD

```

                                $DataDisk              =                New-AzMigrateHCIDiskMappingObject                -DiskID
"Microsoft:C1A34301-3BFF-4EC6-97F1-6C4BD5ADCDE0\C92FAB89-DA8B-47E9-92F3-364642ECDF39\0\0\L" -IsOSDisk
false
```

-IsDynamic true -Size 5 -Format VHD

\$DisksToInclude += \$OSDisk

\$DisksToInclude += \$DataDisk

[AzStackHCINicInput[]]\$NicsToInclude = @()

```

                                $Nic                  =                New-AzMigrateHCINicMappingObject                -NicID
"Microsoft:C1A34301-3BFF-4EC6-97F1-6C4BD5ADCDE0\99CDFD2E-D60C-4218-AC2E-E7C2D8253EB9"
```

-TargetVirtualSwitchId

"/subscriptions/xxx-xxx-xxx/resourceGroups/hciclus-rg/providers/Microsoft.AzureStackHCI/logicalnetworks/external"

\$NicsToInclude += \$Nic

New-AzMigrateHCIServerReplication -MachineId

-005-005" -TargetStoragePathId

"/subscriptions/xxx-xxx-xxx/resourceGroups/hciclus-rg/providers/Microsoft.AzureStackHCI/storagecontainers/testStorageContainer1" -TargetResourceGroupId

"/subscriptions//xxx-xxx-xxx/resourceGroups/target-rg"-TargetVMName "targetVM" -DiskToInclude \$DisksToInclude
-NicToInclude \$NicsToInclude

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.migrate/new-azmigratehciserverreplication>