



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

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

NAME

New-AzMigrateServerReplication

SYNOPSIS

Starts replication for the specified server.

SYNTAX

```
New-AzMigrateServerReplication -LicenseType <String> -TargetResourceGroupId <String> -TargetNetworkId <String>
-TargetSubnetName <String> -TargetVMName <String>
-MachineId <String> -DiskType <String> -OSDiskID <String> [-SqlServerLicenseType <String>] [-TestNetworkId
<String>] [-TestSubnetName <String>]
[-ReplicationContainerMapping <String>] [-VMWareRunasaccountID <String>] [-TargetVMSize <String>]
[-PerformAutoResync <String>] [-TargetAvailabilitySet <String>]
[-TargetAvailabilityZone <String>] [-VMTag <IVMwareCbtEnableMigrationInputTargetVmtags>] [-NicTag
<IVMwareCbtEnableMigrationInputTargetNicTags>] [-DiskTag
<IVMwareCbtEnableMigrationInputTargetDiskTags>] [-Tag <Hashtable>] [-TargetBootDiagnosticsStorageAccount
<String>] [-DiskEncryptionSetID <String>] [-SubscriptionId
<String>] [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
```

<PSCredential>] [-ProxyUseDefaultCredentials] [<CommonParameters>]

New-AzMigrateServerReplication -LicenseType <String> -TargetResourceId <String> -TargetNetworkId <String>
-TargetSubnetName <String> -TargetVMName <String>
-MachineId <String> [-SqlServerLicenseType <String>] [-TestNetworkId <String>] [-TestSubnetName <String>]
[-ReplicationContainerMapping <String>]
[-VMWareRunasaccountID <String>] [-TargetVMSize <String>] [-PerformAutoResync <String>] [-TargetAvailabilitySet
<String>] [-TargetAvailabilityZone <String>] [-VMTag
<IVMwareCbtEnableMigrationInputTargetVmtags>] [-NicTag <IVMwareCbtEnableMigrationInputTargetNicTags>]
[-DiskTag <IVMwareCbtEnableMigrationInputTargetDiskTags>] [-Tag
<Hashtable>] [-TargetBootDiagnosticsStorageAccount <String>] [-SubscriptionId <String>] -DiskToInclude
<IVMwareCbtDiskInput[]> [-DefaultProfile <PSObject>] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials]
[<CommonParameters>]

New-AzMigrateServerReplication -LicenseType <String> -TargetResourceId <String> -TargetNetworkId <String>
-TargetSubnetName <String> -TargetVMName <String>
-DiskType <String> -OSDiskID <String> [-SqlServerLicenseType <String>] [-TestNetworkId <String>] [-TestSubnetName
<String>] [-ReplicationContainerMapping <String>]
[-VMWareRunasaccountID <String>] [-TargetVMSize <String>] [-PerformAutoResync <String>] [-TargetAvailabilitySet
<String>] [-TargetAvailabilityZone <String>] [-VMTag
<IVMwareCbtEnableMigrationInputTargetVmtags>] [-NicTag <IVMwareCbtEnableMigrationInputTargetNicTags>]
[-DiskTag <IVMwareCbtEnableMigrationInputTargetDiskTags>] [-Tag
<Hashtable>] [-TargetBootDiagnosticsStorageAccount <String>] [-DiskEncryptionSetID <String>] [-SubscriptionId
<String>] -InputObject <IVMwareMachine> [-DefaultProfile
<PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy
<Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [<CommonParameters>]

New-AzMigrateServerReplication -LicenseType <String> -TargetResourceId <String> -TargetNetworkId <String>
-TargetSubnetName <String> -TargetVMName <String>
[-SqlServerLicenseType <String>] [-TestNetworkId <String>] [-TestSubnetName <String>] [-ReplicationContainerMapping

```

<String>] [-VMWarerunasaccountID <String>]
    [-TargetVMSize <String>] [-PerformAutoResync <String>] [-TargetAvailabilitySet <String>] [-TargetAvailabilityZone
<String>] [-VMTag
    <IVMwareCbtEnableMigrationInputTargetVmtags>] [-NicTag <IVMwareCbtEnableMigrationInputTargetNicTags>]
[-DiskTag <IVMwareCbtEnableMigrationInputTargetDiskTags>] [-Tag
    <Hashtable>] [-TargetBootDiagnosticsStorageAccount <String>] [-SubscriptionId <String>] -DiskToInclude
<IVMwareCbtDiskInput[]> -InputObject <IVMwareMachine>
    [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
    <PSCredential>] [-ProxyUseDefaultCredentials] [<CommonParameters>]

```

DESCRIPTION

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

PARAMETERS

-LicenseType <String>

Specifies if Azure Hybrid benefit is applicable for the source server to be migrated.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetResourceGroupId <String>

Specifies the Resource Group id within the destination Azure subscription to which the server needs to be migrated.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetNetworkId <String>

Specifies the Virtual Network id within the destination Azure subscription to which the server needs to be migrated.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetSubnetName <String>

Specifies the Subnet name within the destination Virtual Network to which the server needs to be migrated.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetVMName <String>

Specifies the name of the Azure VM to be created.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-MachineId <String>

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

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

-DiskType <String>

Specifies the type of disks to be used for the Azure VM.

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

-SqlServerLicenseType <String>

Specifies if Azure Hybrid benefit for SQL Server is applicable for the server to be migrated.

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

-TestNetworkId <String>

Specifies the Virtual Network id within the destination Azure subscription to which the server needs to be test migrated.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TestSubnetName <String>

Specifies the Subnet name within the destination Virtual Network to which the server needs to be test migrated.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ReplicationContainerMapping <String>

Mapping.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-VMWarerunasaccountID <String>

Account id.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetVMSize <String>

Specifies the SKU of the Azure VM to be created.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PerformAutoResync <String>

Specifies if replication be auto-repaired in case change tracking is lost for the source server under replication.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetAvailabilitySet <String>

Specifies the Availability Set to be used for VM creation

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetAvailabilityZone <String>

Specifies the Availability Zone to be used for VM creation.

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

-VMTag <IVMwareCbtEnableMigrationInputTargetVmtags>

Specifies the tag to be used for VM creation.
To construct, see NOTES section for VM TAG properties and create a hash table.

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

-NicTag <IVMwareCbtEnableMigrationInputTargetNicTags>

Specifies the tag to be used for NIC creation.
To construct, see NOTES section for NICTAG properties and create a hash table.

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

-DiskTag <IVMwareCbtEnableMigrationInputTargetDiskTags>

Specifies the tag to be used for disk creation.
To construct, see NOTES section for DISKTAG properties and create a hash table.

Required? false
Position? named
Default value

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

Specifies the tag to be used for Resource creation.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetBootDiagnosticsStorageAccount <String>

Specifies the storage account to be used for boot diagnostics.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DiskEncryptionSetID <String>

Specifies the disk encryption set to be used.

Required? false

Position? named

Default value

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 <IvmwareCbtDiskInput[]>

Specifies the disks on the source server to be included for replication.
To construct, see NOTES section for DISKTOINCLUDE properties and create a hash table.

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

-InputObject <IvmwareMachine>

Specifies the discovered server to be migrated.
The server object can be retrieved using the Get-AzMigrateServer cmdlet.
To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

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

<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

OUTPUTS

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.

DISKTAG <IVMwareCbtEnableMigrationInputTargetDiskTags>: Specifies the tag to be used for disk creation.

[(Any) <String>]: This indicates any property can be added to this object.

DISKTOINCLUDE <IVMwareCbtDiskInput[]>: Specifies the disks on the source server to be included for replication.

DiskId <String>: The disk Id.

IsOSDisk <String>: A value indicating whether the disk is the OS disk.

LogStorageAccountId <String>: The log storage account ARM Id.

LogStorageAccountSasSecretName <String>: The key vault secret name of the log storage account.

[DiskEncryptionSetId <String>]: The DiskEncryptionSet ARM Id.

[DiskType <DiskAccountType?>]: The disk type.

INPUTOBJECT <IVMwareMachine>: Specifies the discovered server to be migrated. The server object can be retrieved using the Get-AzMigrateServer cmdlet.

[GuestOSDetailOstype <String>]: Type of the operating system.

NICTAG <IVMwareCbtEnableMigrationInputTargetNicTags>: Specifies the tag to be used for NIC creation.

[(Any) <String>]: This indicates any property can be added to this object.

VMTAG <IVMwareCbtEnableMigrationInputTargetVmtags>: Specifies the tag to be used for VM creation.

[(Any) <String>]: This indicates any property can be added to this object.

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

```
PS C:\>New-AzMigrateServerReplication -MachineId
"/subscriptions/xxx-xxx-xxx4/resourceGroups/azmigratepwshtestasr13072020/providers/Microsoft.OffAzure/VMwareSites/Az
Mi

gratePWSHTc8d1site/machines/bcdr-vcenter-fareast-corp-micro-cfcc5a24-a40e-56b9-a6af-e206c9ca4f93_50063baa-9806-
d6d6-7e09-c0ae87309b4f" -LicenseType NoLicenseType

-TargetResourceGroupId "/subscriptions/xxx-xxx-xxx/resourceGroups/AzMigratePWSHtargetRG" -TargetNetworkId

"/subscriptions/xxx-xxx-xxx/resourceGroups/AzMigratePWSHtargetRG/providers/Microsoft.Network/virtualNetworks/AzMigra
teTargetNetwork" -TargetSubnetName default

-TargetVMName "prsadhu-TestVM" -DiskType "Standard_LRS" -OSDiskID "6000C299-343d-7bcd-c05e-a94bd63316dd"
```

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

```
PS C:\>$OSDisk = New-AzMigrateDiskMapping -DiskID '6000C299-343d-7bcd-c05e-a94bd63316dd' -DiskType
'Standard_LRS' -IsOSDisk 'true'

$DataDisk = New-AzMigrateDiskMapping -DiskID '7000C299-343d-7bcd-c05e-a94bd63316dd' -DiskType 'Standard_LRS'
-IsOSDisk 'false'

$DisksToInclude += $OSDisk

$DisksToInclude += $DataDisk

New-AzMigrateServerReplication -MachineId
"/subscriptions/xxx-xxx-xxx/resourceGroups/azmigratepwshtestasr13072020/providers/Microsoft.OffAzure/VMwareSites/Az
MigratePWS

HTc8d1site/machines/bcdr-vcenter-fareast-corp-micro-cfcc5a24-a40e-56b9-a6af-e206c9ca4f93_50063baa-9806-c0ae87309b4f" -LicenseType NoLicenseType
```

-c0ae87309b4f" -LicenseType NoLicenseType

-TargetResourceGroupId "/subscriptions/xxx-xxx-xxx/resourceGroups/AzMigratePWSHtargetRG" -TargetNetworkId

"/subscriptions/xxx-xxx-xxx/resourceGroups/AzMigratePWSHtargetRG/providers/Microsoft.Network/virtualNetworks/AzMigrateTargetNetwork" -TargetSubnetName default

-TargetVMName "prsadhu-TestVM" -DiskToInclude \$DisksToInclude -PerformAutoResync true

RELATED LINKS

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