



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

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

NAME

New-AzRecoveryServicesAsrAzureToAzureDiskReplicationConfig

SYNOPSIS

Creates a disk mapping object for Azure virtual machine disks to be replicated.

SYNTAX

```

New-AzRecoveryServicesAsrAzureToAzureDiskReplicationConfig [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DiskEncryptionSecretUrl <System.String>] [-DiskEncryptionVaultId <System.String>] -DiskId <System.String>
[-FailoverDiskName <System.String>] [-KeyEncryptionKeyUrl
<System.String>] [-KeyEncryptionVaultId <System.String>] -LogStorageAccountId <System.String> -ManagedDisk
[-RecoveryDiskEncryptionSetId <System.String>]
-RecoveryReplicaDiskAccountType {Premium_LRS | Premium_ZRS | Standard_LRS | StandardSSD_LRS |
StandardSSD_ZRS} -RecoveryResourceGroupId <System.String>
-RecoveryTargetDiskAccountType {Premium_LRS | Premium_ZRS | Standard_LRS | StandardSSD_LRS |
StandardSSD_ZRS} [-TfoDiskName <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-LogStorageAccountId <System.String> -RecoveryAzureStorageAccountId <System.String> -VhdUri <System.String>

[-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Creates a disk mapping object that maps an Azure virtual machine disk to the cache storage account and target storage account (recovery region) to be used to replicate the disk.

PARAMETERS

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

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

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DiskEncryptionSecretUrl <System.String>

Specifies the disk encryption secret url.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DiskEncryptionVaultId <System.String>

Specifies the disk encryption key vault ARM Id.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-DiskId <System.String>

Specifies the disk id of managed disk.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-FailoverDiskName <System.String>

Specifies the name of the disk created during failover.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-KeyEncryptionKeyUrl <System.String>

Specifies the key encryption Url.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-KeyEncryptionVaultId <System.String>

Specifies the key encryption key vault ARM Id.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LogStorageAccountId <System.String>

Specifies the log or cache storage account Id to be used to store replication logs.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ManagedDisk <System.Management.Automation.SwitchParameter>

Specifies the input is for managed disk.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-RecoveryAzureStorageAccountId <System.String>

Specifies the ID of the Azure storage account to replicate to.

Required? true

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RecoveryDiskEncryptionSetId <System.String>

Specifies the ID of the Azure disk encryption set to be used for recovery disks.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RecoveryReplicaDiskAccountType <System.String>

Specifies the account type of replicated managed disk.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RecoveryResourceGroupId <System.String>

Specifies the recovery resource group id for replicated managed disk.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RecoveryTargetDiskAccountType <System.String>

Specifies the recovery target disk for replicated managed disk.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-TfoDiskName <System.String>

Specifies the name of the disk created during test failover.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-VhdUri <System.String>

Specify the VHD URI of the disk that this mapping corresponds to.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

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>).

INPUTS

None

OUTPUTS

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRAzuretoAzureDiskReplicationConfig

NOTES

----- Example 1 -----

```
New-AzRecoveryServicesAsrAzureToAzureDiskReplicationConfig -VhdUri $vhdUri -RecoveryAzureStorageAccountId
$recoveryStorageAccountId -LogStorageAccountId
$logStorageAccountId
```

Create a disk mapping object for Azure virtual machine disks to be replicated.Used during Azure to Azure EnableDr and re-protect operation.

----- Example 2 -----

```
New-AzRecoveryServicesAsrAzureToAzureDiskReplicationConfig -ManagedDisk -LogStorageAccountId
$logStorageAccountId -DiskId $diskId -RecoveryResourceGroupId
$RecoveryResourceGroupId `
-RecoveryReplicaDiskAccountType $RecoveryReplicaDiskAccountType -RecoveryTargetDiskAccountType
$RecoveryTargetDiskAccountType
```

Create a managed disk mapping object for Azure virtual machine disks to be replicated.Used during Azure to Azure EnableDr and re-protect operation.

----- Example 3 -----

```
New-AzRecoveryServicesAsrAzureToAzureDiskReplicationConfig -ManagedDisk -LogStorageAccountId
$logStorageAccountId -DiskId $diskId -RecoveryResourceGroupId
$RecoveryResourceGroupId `
-RecoveryReplicaDiskAccountType $RecoveryReplicaDiskAccountType -RecoveryTargetDiskAccountType
$RecoveryTargetDiskAccountType -DiskEncryptionVaultId $keyVaultId
-DiskEncryptionSecretUrl $secret `
-KeyEncryptionKeyUrl $keyUrl -KeyEncryptionVaultId $keyVaultId
```

Create a managed disk mapping object with one pass encryption settings for Azure virtual machine disks to be replicated.Used during Azure to Azure EnableDr and re-protect operation.

----- Example 4 -----

```
New-AzRecoveryServicesAsrAzureToAzureDiskReplicationConfig -ManagedDisk -LogStorageAccountId
$logStorageAccountId -DiskId $diskId -RecoveryResourceGroupId
$RecoveryResourceGroupId `
-RecoveryReplicaDiskAccountType $RecoveryReplicaDiskAccountType -RecoveryTargetDiskAccountType
$RecoveryTargetDiskAccountType -RecoveryDiskEncryptionSetId
$RecoveryDiskEncryptionSetId
```

Create a managed disk mapping object with target disk encryption set Id, for Azure virtual machine disks to be replicated.Used during Azure to Azure EnableDr and re-protect operation.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.recoveryservices/new-azrecoveryservicesasrazuretoazurediskreplicationconfig>