



Windows PowerShell Get-Help on Cmdlet 'Start-AzRecoveryServicesAsrTestFailoverJob'

PS:\>Get-HELP Start-AzRecoveryServicesAsrTestFailoverJob -Full

NAME

Start-AzRecoveryServicesAsrTestFailoverJob

SYNOPSIS

Starts a test failover operation.

SYNTAX

```
Start-AzRecoveryServicesAsrTestFailoverJob -AzureVMNetworkId <System.String> [-CloudServiceCreationOption
{UseRecoveryCloudService | AutoCreateCloudService}]
[-DataEncryptionPrimaryCertFile <System.String>] [-DataEncryptionSecondaryCertFile <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Direction
{PrimaryToRecovery | RecoveryToPrimary} -RecoveryPlan
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPlan> [-RecoveryTag {Latest |
LatestAvailable | LatestAvailableApplicationConsistent}] [-Confirm]
[-WhatIf] [<CommonParameters>]
```

```
Start-AzRecoveryServicesAsrTestFailoverJob -AzureVMNetworkId <System.String> [-CloudServiceCreationOption
{UseRecoveryCloudService | AutoCreateCloudService}]
[-DataEncryptionPrimaryCertFile <System.String>] [-DataEncryptionSecondaryCertFile <System.String>] [-DefaultProfile
```

```

    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Direction
{PrimaryToRecovery | RecoveryToPrimary} [-RecoveryPoint
    <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPoint>] -ReplicationProtectedItem
    <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

    Start-AzRecoveryServicesAsrTestFailoverJob [-CloudServiceCreationOption {UseRecoveryCloudService |
AutoCreateCloudService}] [-DataEncryptionPrimaryCertFile
    <System.String>] [-DataEncryptionSecondaryCertFile <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Direction
{PrimaryToRecovery | RecoveryToPrimary} [-RecoveryPoint
    <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPoint>] -ReplicationProtectedItem
    <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

    Start-AzRecoveryServicesAsrTestFailoverJob [-CloudServiceCreationOption {UseRecoveryCloudService |
AutoCreateCloudService}] [-DataEncryptionPrimaryCertFile
    <System.String>] [-DataEncryptionSecondaryCertFile <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Direction
{PrimaryToRecovery | RecoveryToPrimary} [-MultiVmSyncPoint
    {Enable | Disable}] -RecoveryPlan <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPlan>
[-RecoveryTag {Latest | LatestAvailable |
    LatestAvailableApplicationConsistent}] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

    Start-AzRecoveryServicesAsrTestFailoverJob [-DataEncryptionPrimaryCertFile <System.String>]
[-DataEncryptionSecondaryCertFile <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Direction
{PrimaryToRecovery | RecoveryToPrimary} -RecoveryPlan
    <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPlan> [-RecoveryTag {Latest |
LatestAvailable | LatestAvailableApplicationConsistent}] -VMNetwork
    <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRNetwork> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Start-AzRecoveryServicesAsrTestFailoverJob [-DataEncryptionPrimaryCertFile <System.String>]
[-DataEncryptionSecondaryCertFile <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Direction
{PrimaryToRecovery | RecoveryToPrimary} [-RecoveryPoint
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPoint>] -ReplicationProtectedItem
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem> -VMNetwork
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRNetwork>
[-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The `Start-AzRecoveryServicesAsrTestFailoverJob` cmdlet starts test failover of an Azure Site Recovery replication protected item or recovery plan. You can check whether the job succeeded by using the `Get-AzRecoveryServicesAsrJob` cmdlet.

PARAMETERS

`-AzureVMNetworkId <System.String>`

Specifies the Azure vm network id for recovery VM after failover.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-CloudServiceCreationOption <System.String>`

Specifies whether a new cloud service should be created or the recovery cloud service configured for the VM should be used for the test failover.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DataEncryptionPrimaryCertFile <System.String>

Specifies the primary certificate file.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DataEncryptionSecondaryCertFile <System.String>

Specifies the secondary certificate file.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

-Direction <System.String>

Specifies the failover direction. The acceptable values for this parameter are:

- PrimaryToRecovery

- RecoveryToPrimary

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

-MultiVmSyncPoint <System.String>

Specifies whether to enable multi VM sync points for failover of multi VM sync enabled VMs (Applicable only for VMware to Azure replication scenario).

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

-RecoveryPlan <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPlan>

Specifies an ASR recovery plan object.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-RecoveryPoint <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPoint>

Specifies a custom recovery point to test failover the protected machine to.

Required? false

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

-RecoveryTag <System.String>

Specifies the recovery tag to test failover to

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

-ReplicationProtectedItem <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem>

Specifies an ASR replication protected item.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-VMNetwork <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRNetwork>

Specifies the Site Recovery virtual machine network to connect the test failover virtual machine(s) 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPlan

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem

OUTPUTS

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRJob

NOTES

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

```
$currentJob = Start-AzRecoveryServicesAsrTestFailoverJob -RecoveryPlan $RP -Direction PrimaryToRecovery  
-VMNetwork $TestRecoveryNetwork
```

Starts the test failover operation for the recovery plan with the specified parameters and returns the ASR job used to track the operation.

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

```
Start-AzRecoveryServicesAsrTestFailoverJob -AzureVMNetworkId <String> -Direction PrimaryToRecovery  
-RecoveryPlan $RP
```

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.recoveryservices/start-azrecoveryservicesasrtestfailoverjob>

Get-AzRecoveryServicesAsrJob