



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

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

NAME

Start-AzRecoveryServicesAsrPlannedFailoverJob

SYNOPSIS

Starts a planned failover operation.

SYNTAX

```
Start-AzRecoveryServicesAsrPlannedFailoverJob [-CreateVmIfNotFound {Yes | No}] [-DataEncryptionPrimaryCertFile
<System.String>] [-DataEncryptionSecondaryCertFile
<System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Direction
{PrimaryToRecovery |
RecoveryToPrimary} [-MultiVmSyncPoint {Enable | Disable}] [-Optimize {ForDownTime | ForSynchronization}]
-RecoveryPlan
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPlan> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Start-AzRecoveryServicesAsrPlannedFailoverJob [-CreateVmIfNotFound {Yes | No}] [-DataEncryptionPrimaryCertFile
<System.String>] [-DataEncryptionSecondaryCertFile
```

<System.String>] [-DefaultProfile

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

{PrimaryToRecovery |

RecoveryToPrimary} [-Optimize {ForDownTime | ForSynchronization}] -RecoveryTag {RecoveryTagApplicationConsistent

| RecoveryTagCrashConsistent}

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

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

Start-AzRecoveryServicesAsrPlannedFailoverJob [-CreateVmIfNotFound {Yes | No}] [-DataEncryptionPrimaryCertFile

<System.String>] [-DataEncryptionSecondaryCertFile

<System.String>] [-DefaultProfile

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

{PrimaryToRecovery |

RecoveryToPrimary} [-Optimize {ForDownTime | ForSynchronization}] -ReplicationProtectedItem

<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem> [-ServiceProvider

<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryServicesProvider>] [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The Start-AzRecoveryServicesAsrPlannedFailoverJob cmdlet starts a planned failover for an Azure Site Recovery replication protected item or recovery plan. You can

check whether the job succeeds by using the Get-AzRecoveryServicesAsrJob cmdlet.

PARAMETERS

-CreateVmIfNotFound <System.String>

Create the virtual machine if not found while failing back to the primary region (used in alternate location recovery.) The acceptable values for this parameter

are:

- Yes

- No

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 direction of the failover. 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

-Optimize <System.String>

Specifies what to optimize for. This parameter applies when failover is done from an Azure site to an on-premise site which requires substantial data

synchronization. Valid values are:

- ForDowntime

- ForSynchronization

When ForDowntime is specified, this indicates that data is synchronized before failover to minimize downtime. Synchronization is performed without shutting down

the virtual machine. After synchronization is complete, the job is suspended. Resume the job to do an additional synchronization operation that shuts down the virtual machine.

When ForSynchronization is specified, this indicates that data is synchronized during failover only so data synchronization is minimized. With this setting

enabled, the virtual machine is shut down immediately. Synchronization starts after shutdown to complete the failover operation.

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

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

Specifies the ASR Recovery plan object corresponding to the recovery plan to be failed over.

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

-RecoveryTag <System.String>

Specifies the recovery tag: RecoveryTagApplicationConsistent, RecoveryTagCrashConsistent (Applicable only for VMware to Azure replication scenario).

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

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

Specifies the ASR replication protected item object corresponding to the replication protected item to be failed over.

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

-ServicesProvider <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryServicesProvider>

Identifies the host to on which to create the virtual machine while failing over to an alternate location by specifying the ASR services provider object corresponding to the ASR services provider running on the host.

Required? false
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

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPlan

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem

OUTPUTS

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRJob

NOTES

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

```
$currentJob = Start-AzRecoveryServicesAsrPlannedFailoverJob -RecoveryPlan $RP -Direction PrimaryToRecovery
```

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

RELATED LINKS

Online

Version:

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