



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

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

NAME

Start-AzRecoveryServicesAsrUnplannedFailoverJob

SYNOPSIS

Starts an unplanned failover operation.

SYNTAX

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

```
Start-AzRecoveryServicesAsrUnplannedFailoverJob [-DataEncryptionPrimaryCertFile <System.String>]
[-DataEncryptionSecondaryCertFile <System.String>] [-DefaultProfile
```

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Direction
{PrimaryToRecovery | RecoveryToPrimary}

[-PerformSourceSideAction] [-RecoveryPoint
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRRecoveryPoint>] -ReplicationProtectedItem

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

Start-AzRecoveryServicesAsrUnplannedFailoverJob [-DataEncryptionPrimaryCertFile <System.String>]
[-DataEncryptionSecondaryCertFile <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Direction
{PrimaryToRecovery | RecoveryToPrimary}

[-PerformSourceSideAction] -RecoveryTag {Latest | LatestAvailable | LatestAvailableApplicationConsistent |
LatestAvailableCrashConsistent | Latest | LatestAvailable |
LatestAvailableApplicationConsistent | LatestAvailableCrashConsistent} -ReplicationProtectedItem

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

```

DESCRIPTION

The `Start-AzRecoveryServicesAsrUnplannedFailoverJob` cmdlet starts unplanned 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

`-DataEncryptionPrimaryCertFile <System.String>`

Specifies the data encryption primary certificate file path for failover of Protected Item.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DataEncryptionSecondaryCertFile <System.String>

Specifies the data encryption secondary certificate file path for failover of Protected Item.

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

-PerformSourceSideAction <System.Management.Automation.SwitchParameter>

Perform operation in source side before starting unplanned failover.

Required?	false
Position?	named
Default value	False
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 failover the protected machine to. If not specified, ASR will process the pending writes and pick the latest recovery point (lowest RPO).

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

-RecoveryTag <System.String>

Specifies the recovery tag to 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 azure site recovery replication protected item.

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

Start-AzRecoveryServicesAsrUnplannedFailoverJob -RecoveryPlan \$RP -Direction PrimaryToRecovery

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

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

Start-AzRecoveryServicesAsrUnplannedFailoverJob -Direction PrimaryToRecovery -RecoveryPoint \$rp[0]
-ReplicationProtectedItem \$ReplicationProtectedItem

RELATED LINKS

Online

Version:

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

Get-AzRecoveryServicesAsrJob