



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

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

NAME

New-AzRecoveryServicesAsrRecoveryPlan

SYNOPSIS

Creates an ASR recovery plan.

SYNTAX

```

New-AzRecoveryServicesAsrRecoveryPlan -Azure [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-FailoverDeploymentModel {Classic | ResourceManager} -Name <System.String> -PrimaryFabric
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric>
-ReplicationProtectedItem
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem[]> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

New-AzRecoveryServicesAsrRecoveryPlan -AzureToEdgeZone [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-Name <System.String> -PrimaryFabric <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric>
-RecoveryEdgeZone <System.String> -ReplicationProtectedItem

```

```

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

New-AzRecoveryServicesAsrRecoveryPlan -AzureZoneToZone [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-Name <System.String> [-PrimaryEdgeZone <System.String>] -PrimaryFabric
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric> [-PrimaryZone
<System.String>] [-RecoveryEdgeZone <System.String>] [-RecoveryZone <System.String>] -ReplicationProtectedItem
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem[]> [-Confirm] [-WhatIf]
[<CommonParameters>]

New-AzRecoveryServicesAsrRecoveryPlan [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -EdgeZoneToAzure
-Name <System.String> -PrimaryEdgeZone <System.String> -PrimaryFabric
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric> -ReplicationProtectedItem
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem[]> [-Confirm] [-WhatIf]
[<CommonParameters>]

New-AzRecoveryServicesAsrRecoveryPlan [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -EdgeZoneToEdgeZone
-Name <System.String> -PrimaryEdgeZone <System.String> -PrimaryFabric
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric> -RecoveryEdgeZone
<System.String> -ReplicationProtectedItem
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem[]> [-Confirm] [-WhatIf]
[<CommonParameters>]

New-AzRecoveryServicesAsrRecoveryPlan [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
<System.String> -PrimaryFabric <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric>
-RecoveryFabric
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric> -ReplicationProtectedItem
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem[]> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

[<CommonParameters>]

New-AzRecoveryServicesAsrRecoveryPlan

[-DefaultProfile

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

<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The New-AzRecoveryServicesAsrRecoveryPlan cmdlet creates an Azure Site Recovery, recovery plan in the Recovery Services vault.

A recovery plan gathers virtual machines belonging to an application into a unit to allow them to be recovered together.

PARAMETERS

-Azure <System.Management.Automation.SwitchParameter>

Switch parameter specifies the scenario for azure to azure disaster recovery, recovery plan creation.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-AzureToEdgeZone <System.Management.Automation.SwitchParameter>

Switch parameter specifies creating the replicated item in Azure to EdgeZone scenario.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-AzureZoneToZone <System.Management.Automation.SwitchParameter>

Switch parameter specifies creating the replicated item in azure zone to zone scenario.

Required? true

Position? named

Default value False

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

-EdgeZoneToAzure <System.Management.Automation.SwitchParameter>

Switch parameter specifies creating the replicated item in EdgeZone to Azure scenario.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EdgeZoneToEdgeZone <System.Management.Automation.SwitchParameter>

Switch parameter specifies creating the replicated item EdgeZone to EdgeZone scenario.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-FailoverDeploymentModel <System.String>

Specifies the failover deployment model (Classic or Resource Manager) of the replication protected items that will be part of this recovery plan.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Name of the recovery plan.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Path <System.String>

Specifies the path to the recovery plan definition json file. A recovery plan definition json can be used to create the recovery plan.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PrimaryEdgeZone <System.String>

Specifies the primary edge zone of the replication protected items that will be part of this recovery plan.

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

-PrimaryFabric <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric>

Specifies the ASR fabric object for the primary ASR fabric of the replication protected items that will be part of this recovery plan.

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

-PrimaryZone <System.String>

Specifies the primary Availability zone of the replication protected items that will be part of this recovery plan.

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

-RecoveryEdgeZone <System.String>

Specifies the recovery edge zone of the replication protected items that will be part of this recovery plan.

Required?	false
Position?	named
Default value	None

Accept pipeline input? False

Accept wildcard characters? false

-RecoveryFabric <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRFabric>

Specifies the ASR fabric object for the recovery ASR fabric of the replication protected items that will be part of this recovery plan.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RecoveryZone <System.String>

Specifies the primary Availability zone of the replication protected items that will be part of this recovery plan.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ReplicationProtectedItem

<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem[]>

The list of replication protected items to add to the first group of the recovery plan.

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.ASRReplicationProtectedItem[]

OUTPUTS

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRJob

NOTES

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

```
$currentJob = New-AzRecoveryServicesAsrRecoveryPlan -Name $RPName -PrimaryFabric $PrimaryFabric  
-RecoveryFabric $RecoveryFabric -ReplicationProtectedItem $RPI
```

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

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

```
$currentJob = New-AzRecoveryServicesAsrRecoveryPlan -Name $RPName -PrimaryFabric $PrimaryFabric  
-PrimaryZone $pZone -RecoveryZone $rZone -ReplicationProtectedItem $RPI
```

Starts the recovery plan creation operation for Azure zone to zone replicated items and returns the ASR job used to track the operation.

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

```
$currentJob = New-AzRecoveryServicesAsrRecoveryPlan -Name $RPName -PrimaryFabric $PrimaryFabric  
-PrimaryEdgeZone $pEdgeZone -RecoveryZone $rZone  
-ReplicationProtectedItem $RPI
```

Starts the recovery plan creation operation for Azure EdgeZone to Availability Zone replicated items and returns the ASR job used to track the operation.

RELATED LINKS

Online

Version:

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

Get-AzRecoveryServicesAsrRecoveryPlan

Remove-AzRecoveryServicesAsrRecoveryPlan

Update-AzRecoveryServicesAsrRecoveryPlan