



Windows PowerShell Get-Help on Cmdlet 'Test-AzDataProtectionBackupInstanceRestore'

PS:\>Get-HELP Test-AzDataProtectionBackupInstanceRestore -Full

NAME

Test-AzDataProtectionBackupInstanceRestore

SYNOPSIS

Validates if Restore can be triggered for a DataSource

SYNTAX

```
Test-AzDataProtectionBackupInstanceRestore -ResourceGroupName <String> -Name <String> -VaultName <String>  
-RestoreRequest <IAzureBackupRestoreRequest>  
[-SubscriptionId <String>] [-RestoreToSecondaryRegion] [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend  
<SendAsyncStep[]>] [-HttpPipelinePrepend  
<SendAsyncStep[]>] [-Proxy <Uri>] [-AsJob] [-NoWait] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials]  
[-WhatIf] [-Confirm] [<CommonParameters>]
```

DESCRIPTION

Validates if Restore can be triggered for a DataSource

PARAMETERS

-ResourceGroupName <String>

The name of the resource group where the backup vault is present

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Name <String>

The name of the backup instance

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-VaultName <String>

The name of the backup vault

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RestoreRequest <IAzureBackupRestoreRequest>

Restore request object for which to validate

To construct, see NOTES section for RESTOREREQUEST properties and create a hash table.

Required? true

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

-SubscriptionId <String>

Subscription Id of the backup vault

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

-RestoreToSecondaryRegion [<SwitchParameter>]

Switch parameter to trigger restore to secondary region

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

-DefaultProfile <PSObject>

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

-Break [<SwitchParameter>]

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

-HttpPipelineAppend <SendAsyncStep[]>

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

-HttpPipelinePrepend <SendAsyncStep[]>

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

-Proxy <Uri>

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

-AsJob [<SwitchParameter>]

Required? false

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

-NoWait [<SwitchParameter>]

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

-ProxyCredential <PSCredential>

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

-ProxyUseDefaultCredentials [<SwitchParameter>]

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

-WhatIf [<SwitchParameter>]

Required? false
Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.DataProtection.Models.Api20240401.IOperationJobExtendedInfo

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help about_Hash_Tables.

RESTOREREQUEST <IAzureBackupRestoreRequest>: Restore request object for which to validate

ObjectType <String>:

RestoreTargetInfo <IRestoreTargetInfoBase>: Gets or sets the restore target information.

ObjectType <String>: Type of Datasource object, used to initialize the right inherited type

[RestoreLocation <String>]: Target Restore region

SourceDataStoreType <SourceDataStoreType>: Gets or sets the type of the source data store.

[IdentityDetailUseSystemAssignedIdentity <Boolean?>]: Specifies if the BI is protected by System Identity.

[IdentityDetailUserAssignedIdentityArmUrl <String>]: ARM URL for User Assigned Identity.

[ResourceGuardOperationRequest <String[]>]: ResourceGuardOperationRequests on which LAC check will be performed

[SourceResourceId <String>]: Fully qualified Azure Resource Manager ID of the datasource which is being recovered.

----- EXAMPLE 1 -----

```
PS C:\>$instances = Get-AzDataProtectionBackupInstance -SubscriptionId "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx"
-ResourceGroupName "testResourceGroup" -VaultName
"testVault"

$pointInTimeRange = Find-AzDataProtectionRestorableTimeRange -BackupInstanceName
$instances[0].BackupInstanceName -ResourceGroupName "testResourceGroup"
-SubscriptionId "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx" -VaultName "testVault" -SourceDataStoreType OperationalStore
-StartTime
(Get-Date).AddDays(-30).ToString("yyyy-MM-ddTHH:mm:ss.0000000Z") -EndTime
(Get-Date).AddDays(0).ToString("yyyy-MM-ddTHH:mm:ss.0000000Z")

$vault = Get-AzDataProtectionBackupVault -ResourceGroupName "testResourceGroup" -SubscriptionId
"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx" -VaultName "testVault"

$RestoreRequestObject = Initialize-AzDataProtectionRestoreRequest -DatasourceType AzureBlob -SourceDataStore
OperationalStore -RestoreLocation $vault.Location

-RestoreType OriginalLocation -BackupInstance $instances[0] -PointInTime (Get-Date -Date
$pointInTimeRange.RestorableTimeRange.EndTime)

$validateRestore = Test-AzDataProtectionBackupInstanceRestore -Name $instances[0].Name -ResourceGroupName
"testResourceGroup" -SubscriptionId
"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx" -VaultName "testVault" -RestoreRequest $RestoreRequestObject
```

----- EXAMPLE 2 -----

```
PS C:\>$validateRestore = Test-AzDataProtectionBackupInstanceRestore -ResourceGroupName $ResourceGroupName  
-Name $instance[0].Name -VaultName $VaultName  
-RestoreRequest $RestoreRequestObject -SubscriptionId $SubscriptionId -RestoreToSecondaryRegion
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.dataprotection/test-azdataprotectionbackupinstancerestore>