



Windows PowerShell Get-Help on Cmdlet 'Get-AzRecoveryServicesBackupJob'

PS:\>Get-HELP Get-AzRecoveryServicesBackupJob -Full

NAME

Get-AzRecoveryServicesBackupJob

SYNOPSIS

Gets Backup jobs.

SYNTAX

```

    Get-AzRecoveryServicesBackupJob  [[-Status] {InProgress | Cancelling | Cancelled | Completed |
CompletedWithWarnings | Failed}] [[-Operation] {Backup | Restore |
    ConfigureBackup | DisableBackup | DeleteBackupData | BackupDataMove | UpdateCustomerManagedKey}] [[-From]
<System.Nullable`1[System.DateTime]>] [[-To]
    <System.Nullable`1[System.DateTime]>] [[-JobId] <System.String>] [[-Job]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.JobBase>]
    [-BackupManagementType {AzureVM | AzureStorage | AzureWorkload | MAB}] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-UseSecondaryRegion] [-VaultId <System.String>] [-VaultLocation
    <System.String>] [<CommonParameters>]
  
```

DESCRIPTION

The Get-AzRecoveryServicesBackupJob cmdlet gets Azure Backup jobs for a specific vault. Set the vault context by using the -VaultId parameter.

PARAMETERS

-BackupManagementType

<System.Nullable`1[Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.BackupManagementType]>

The class of resources being protected. Currently the values supported for this cmdlet are AzureVM, AzureStorage, AzureWorkload, MAB.

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

-From <System.Nullable`1[System.DateTime]>

Specifies the start, as a DateTime object, of a time range for the jobs that this cmdlet gets. To obtain a DateTime object, use the Get-Date cmdlet. For more

information about DateTime objects, type `Get-Help Get-Date`. Use UTC format for dates.

Required?	false
Position?	3

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

-Job <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.JobBase>

Specifies the job to get.

Required? false
Position? 6
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-JobId <System.String>

Specifies the ID of a job that this cmdlet gets. The ID is the JobId property of a Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.JobBase object.

Required? false
Position? 5
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Operation <System.Nullable`1[Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.JobOperation]>

Specifies an operation of the jobs that this cmdlet gets. The acceptable values for this parameter are:

- Backup
- ConfigureBackup
- DeleteBackupData
- DisableBackup

- Restore

- BackupDataMove

Required? false

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Status <System.Nullable`1[Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.JobStatus]>

Specifies a status of the jobs that this cmdlet gets. The acceptable values for this parameter are:

- InProgress

- Failed

- Cancelled

- Cancelling

- Completed

- CompletedWithWarnings

Required? false

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-To <System.Nullable`1[System.DateTime]>

Specifies the end, as a DateTime object, of a time range for the jobs that this cmdlet gets. The default value is the current system time. If you specify this

parameter, you must also specify the -From parameter. Use UTC format for dates.

Required?	false
Position?	4
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-UseSecondaryRegion <System.Management.Automation.SwitchParameter>

Filters from Secondary Region for Cross Region Restore

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

-VaultId <System.String>

ARM ID of the Recovery Services Vault.

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

-VaultLocation <System.String>

Location of the Recovery Services Vault used to fetch the secondary region jobs.

Required?	false
Position?	named

Default value None
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

System.String

OUTPUTS

Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.JobBase

NOTES

----- Example 1: Get all in-progress jobs -----

\$vault = Get-AzRecoveryServicesVault -ResourceGroupName "resourceGroup" -Name "vaultName"
\$Joblist = Get-AzRecoveryServicesBackupJob -Status InProgress -VaultId \$vault.ID
\$Joblist[0]

WorkloadName	Operation	Status	StartTime	EndTime
-----	-----	-----	-----	-----

The first command gets status of an in-progress jobs as an array, and then stores it in the \$Joblist variable. The second command displays the first item in the

\$Joblist array.

----- Example 2: Get all failed jobs in the last 7 days -----

```
$vault = Get-AzRecoveryServicesVault -ResourceGroupName "resourceGroup" -Name "vaultName"
```

```
Get-AzRecoveryServicesBackupJob -From (Get-Date).AddDays(-7).ToUniversalTime() -Status Failed -VaultId $vault.ID
```

This command gets failed jobs from the last week in the vault. The From parameter specifies a time seven days in the past specified in UTC. The command does not

specify a value for the To parameter. Therefore, it uses the default value of the current time.

-- Example 3: Get an in-progress job and wait for completion --

```
$vault = Get-AzRecoveryServicesVault -ResourceGroupName "resourceGroup" -Name "vaultName"
```

```
$Jobs = Get-AzRecoveryServicesBackupJob -Status InProgress -VaultId $vault.ID
```

```
$Job = $Jobs[0]
```

```
While ( $Job.Status -ne "Completed" ) {
```

```
    Write-Host -Object "Waiting for completion..."
```

```
    Start-Sleep -Seconds 10
```

```
    $Job = Get-AzRecoveryServicesBackupJob -Job $Job -VaultId $vault.ID
```

```
}
```

```
Write-Host -Object "Done!"
```

Waiting for completion...

Waiting for completion...

Waiting for completion...

Done!

This script polls the first job that is currently in progress until the job has completed.

Note: You can use Wait-AzRecoveryServicesBackupJob cmdlet to wait for an Azure Backup job to finish instead of While loop.

Example 4: Get all AzureVM jobs in last 2 days which finished successfully

```
$vault = Get-AzRecoveryServicesVault -ResourceGroupName "resourceGroup" -Name "vaultName"
$Jobs = Get-AzRecoveryServicesBackupJob -VaultId $vault.ID -Status Completed -From
(Get-Date).AddDays(-2).ToUniversalTime() -BackupManagementType AzureVM
```

First cmdlet fetches the vault object. Second cmdlet stores all the AzureVM jobs in the given vault which completed in last 2 days to \$jobs. Change the value of

BackupManagementType parameter to MAB in order to fetch MAB agent jobs.

----- Example 5: Get jobs for cross region restore -----

```
$vault = Get-AzRecoveryServicesVault -ResourceGroupName "resourceGroup" -Name "vaultName"
$Jobs = Get-AzRecoveryServicesBackupJob -VaultId $vault.Id -From ((Get-Date).AddDays(-29)).ToUniversalTime()
-Operation CrossRegionRestore
```

First cmdlet fetches the vault object. Second cmdlet fetches all Cross region restore jobs in last 29 days for a given recovery services vault.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.recoveryservices/get-azrecoveryservicesbackupjob>

Get-AzRecoveryServicesBackupJobDetail

Stop-AzRecoveryServicesBackupJob

