



Windows PowerShell Get-Help on Cmdlet 'Backup-AzRecoveryServicesBackupItem'

PS:\>Get-HELP Backup-AzRecoveryServicesBackupItem -Full

NAME

Backup-AzRecoveryServicesBackupItem

SYNOPSIS

Starts a backup for a Backup item.

SYNTAX

```
Backup-AzRecoveryServicesBackupItem [-BackupType {Full | Differential | Log | CopyOnlyFull}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnableCompression] [-ExpiryDateTimeUTC
<System.Nullable`1[System.DateTime]>] -Item
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ItemBase> [-VaultId <System.String>] [-Confirm]
[-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Backup-AzRecoveryServicesBackupItem cmdlet takes an adhoc backup of protected Azure backup item. Using this cmdlet you can do an initial backup immediately after

you enable protection or start a backup if a scheduled backup fails. This cmdlet can also be used for custom retention with or without expiry date - refer parameters help text for more details.

PARAMETERS

-BackupType <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.BackupType>

Type of backup to be performed

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

-EnableCompression <System.Management.Automation.SwitchParameter>

If enabling compression is required

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies an expiry time for the Recovery point as a DateTime object, if nothing is given it takes the default value of 30 days. Applicable to VM, SQL (for only Copy-only-full backup type), AFS backup items.

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

-Item <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ItemBase>

Specifies a Backup item for which this cmdlet starts a backup operation.

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

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required?	false
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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.

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.Backup.Cmdlets.Models.ItemBase

System.Nullable`1[[System.DateTime, System.Private.CoreLib, Version=4.0.0.0, Culture=neutral, PublicKeyToken=7cec85d7bea7798e]]

System.String

OUTPUTS

NOTES

----- Example 1: Start a backup for a Backup item -----

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

```
$NamedContainer = Get-AzRecoveryServicesBackupContainer -ContainerType AzureVM -FriendlyName "pstestv2vm1"
```

```
-VaultId $vault.ID
```

```
$Item = Get-AzRecoveryServicesBackupItem -Container $NamedContainer -WorkloadType AzureVM -VaultId $vault.ID
```

```
$Job = Backup-AzRecoveryServicesBackupItem -Item $Item -VaultId $vault.ID -ExpiryDateTimeUTC  
(Get-Date).ToUniversalTime().AddDays(60)
```

```
$Job
```

Operation	Status	StartTime	EndTime	JOBID
-----	-----	-----	-----	-----
pstestv2vm1	Backup	InProgress	4/23/2016 5:00:30 PM	cf4b3ef5-2fac-4c8e-a215-d2eba4124f27

The first command gets the Backup container of type AzureVM named pstestv2vm1, and then stores it in the \$NamedContainer variable. The second command gets the Backup

item corresponding to the container in \$NamedContainer, and then stores it in the \$Item variable. The last command triggers the backup job for the Backup item in

\$Item with an expiry time of 60 days from now, default value for expiry time is 30 days if not specified.

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

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.recoveryservices/backup-azrecoveryservicesbackupitem>

Get-AzRecoveryServicesBackupContainer

Get-AzRecoveryServicesBackupItem

Restore-AzRecoveryServicesBackupItem