



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

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

NAME

Get-AzRecoveryServicesBackupItem

SYNOPSIS

Gets the items from a container in Backup.

SYNTAX

```
Get-AzRecoveryServicesBackupItem [-BackupManagementType] {AzureVM | MAB | AzureStorage | AzureWorkload}
[[-Name] <System.String>] [[-ProtectionStatus] {Healthy |
    Unhealthy}] [[-ProtectionState] {IRPending | ProtectionError | Protected | ProtectionStopped | BackupsSuspended}]
[-WorkloadType] {AzureVM | AzureFiles | MSSQL |
    FileFolder | SAPHanaDatabase} [[-DeleteState] {ToBeDeleted | NotDeleted}] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-FriendlyName
    <System.String>] [-UseSecondaryRegion] [-VaultId
    <System.String>] [<CommonParameters>]
```

```
Get-AzRecoveryServicesBackupItem [-Container]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ContainerBase> [[-Name] <System.String>]
[[-ProtectionStatus] {Healthy | Unhealthy}] [[-ProtectionState] {IRPending | ProtectionError | Protected | ProtectionStopped | BackupsSuspended}]
```

```

| BackupsSuspended}} [-WorkloadType]
    {AzureVM | AzureFiles | MSSQL | FileFolder | SAPHanaDatabase} [[-DeleteState] {ToBeDeleted | NotDeleted}}
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-FriendlyName
<System.String>] [-UseSecondaryRegion] [-VaultId
    <System.String>] [<CommonParameters>]

Get-AzRecoveryServicesBackupItem [-Policy]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.PolicyBase> [[-Name] <System.String>]
[[-ProtectionStatus]
    {Healthy | Unhealthy}} [[-ProtectionState] {IRPending | ProtectionError | Protected | ProtectionStopped |
BackupsSuspended}} [[-DeleteState] {ToBeDeleted |
    NotDeleted}} [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-FriendlyName
<System.String>]
    [-UseSecondaryRegion] [-VaultId <System.String>] [<CommonParameters>]

```

DESCRIPTION

The Get-AzRecoveryServicesBackupItem cmdlet gets the list of protected items in a container and the protection status of the items. A container that is registered to an Azure Recovery Services vault can have one or more items that can be protected. For Azure virtual machines, there can be only one backup item in the virtual machine container. Set the vault context by using the -VaultId parameter.

PARAMETERS

```

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

```

The class of resources being protected. The acceptable values for this parameter are:

- AzureVM

- MAB

- AzureStorage

- AzureWorkload

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Container <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ContainerBase>

Specifies a container object from which this cmdlet gets backup items. To obtain an AzureRmRecoveryServicesBackupContainer , use the

Get-AzRecoveryServicesBackupContainer cmdlet.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

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

-DeleteState <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ItemDeleteState>

Specifies the delete state of the item. The acceptable values for this parameter are:

- ToBeDeleted

- NotDeleted

Required? false

Position? 6

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FriendlyName <System.String>

FriendlyName of the backed up item

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of backup item. For file share, specify the unique ID of protected file share.

Required? false

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Policy <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.PolicyBase>

Protection policy object.

Required? true
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ProtectionState <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ItemProtectionState>

Specifies the state of protection. The acceptable values for this parameter are:

- IRPending. Initial synchronization has not started and there is no recovery point yet. - Protected. Protection is ongoing. - ProtectionError. There is a protection error. - ProtectionStopped. Protection is disabled.

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

-ProtectionStatus <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ItemProtectionStatus>

Specifies the overall protection status of an item in the container. The acceptable values for this parameter are:

- Healthy

- Unhealthy

Required? false
Position? 3
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

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

Workload type of the resource. The acceptable values for this parameter are:

- AzureVM

- AzureFiles

- MSSQL

- FileFolder

- SAPHanaDatabase

Required? true
Position? 5
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

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

System.String

OUTPUTS

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

NOTES

----- Example 1: Get an item from a Backup container -----

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

```
$Container = Get-AzRecoveryServicesBackupContainer -ContainerType AzureVM -FriendlyName "V2VM" -VaultId
```

```
$vault.ID
```

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

The first command gets the container of type AzureVM, and then stores it in the \$Container variable. The second command gets the Backup item named V2VM in \$Container, and then stores it in the \$BackupItem variable.

-- Example 2: Get an Azure File Share Item from FriendlyName --

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

$Container = Get-AzRecoveryServicesBackupContainer -ContainerType AzureStorage -FriendlyName
"StorageAccount1" -VaultId $vault.ID

$BackupItem = Get-AzRecoveryServicesBackupItem -Container $Container -WorkloadType AzureFiles -VaultId $vault.ID
-FriendlyName "FileShareName"
```

The first command gets the container of type AzureStorage, and then stores it in the \$Container variable. The second command gets the Backup item whose friendlyName

matches the value passed in FriendlyName Parameter, and then stores it in the \$BackupItem variable. Using FriendlyName parameter can result in returning more than one

Azure File Share. In such cases, execute the cmdlet by passing value for -Name parameter as the Name property returned in the result set of \$BackupItem.

RELATED LINKS

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

Backup-AzRecoveryServicesBackupItem

Disable-AzRecoveryServicesBackupProtection

Get-AzRecoveryServicesBackupRecoveryPoint

Restore-AzRecoveryServicesBackupItem