



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

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

NAME

Get-AzRecoveryServicesBackupProtectableItem

SYNOPSIS

This command will retrieve all protectable items within a certain container or across all registered containers. It will consist of all the elements of the hierarchy

of the application. Returns DBs and their upper tier entities like Instance, AvailabilityGroup etc.

SYNTAX

```

Get-AzRecoveryServicesBackupProtectableItem [[-Container]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ContainerBase>] [-WorkloadType] {AzureVM |
WindowsServer | AzureFiles | MSSQL} [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-VaultId
<System.String>] [<CommonParameters>]
```

```

Get-AzRecoveryServicesBackupProtectableItem [[-Container]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ContainerBase>] [-WorkloadType] {AzureVM |
WindowsServer | AzureFiles | MSSQL} [[-ItemType] {SQLDataBase | SQLInstance | SQLAvailabilityGroup}]
[-DefaultProfile
```

```
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>] [-ServerName <System.String>] [-VaultId
<System.String>] [<CommonParameters>]
```

```
Get-AzRecoveryServicesBackupProtectableItem [-ParentID] <System.String> [[-ItemType] {SQLDataBase | SQLInstance
| SQLAvailabilityGroup}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>] [-ServerName <System.String>] [-VaultId
<System.String>] [<CommonParameters>]
```

DESCRIPTION

The Get-AzRecoveryServicesBackupProtectableItem cmdlet gets the list of protectable 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.

PARAMETERS

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

Container where the item resides

Required? false

Position? 0

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

-ItemType <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ProtectableItemType>

Specifies the type of protectable item. Applicable values: (SQLDataBase, SQLInstance, SQLAvailabilityGroup).

Required? false

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the Database, Instance or AvailabilityGroup.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ParentID <System.String>

Specified the ARM ID of an Instance or AG.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

Specifies the name of the server to which the item belongs.

Required? false
Position? named
Default value None
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 current supported values are AzureVM, WindowsServer, AzureFiles, MSSQL

Required? true
Position? 1
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](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.ProtectableItemBase

NOTES

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

```
$Vault = Get-AzRecoveryServicesVault -Name "MyRecoveryVault"
```

```
$Container = Get-AzRecoveryServicesBackupContainer -ContainerType AzureVMAppContainer -VaultId $Vault.Id
```

```
    $Item = Get-AzRecoveryServicesBackupProtectableItem -Container $Container -ItemType "SQLInstance"  
-WorkloadType "MSSQL" -VaultId $Vault.ID
```

The first command gets the container of type MSSQL, and then stores it in the \$Container variable. The second command gets the Backup protectable item in \$Container, and then stores it in the \$Item variable.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.recoveryservices/get-azrecoveryservicesbackupprotectableitem>