



Windows PowerShell Get-Help on Cmdlet 'Enable-AzRecoveryServicesBackupProtection'

PS:\>Get-HELP Enable-AzRecoveryServicesBackupProtection -Full

NAME

Enable-AzRecoveryServicesBackupProtection

SYNOPSIS

Enables or resumes backup for an item with a specified Backup protection policy.

SYNTAX

```

Enable-AzRecoveryServicesBackupProtection [-Policy]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.PolicyBase> [-Name] <System.String>
[-ResourceGroupName] <System.String> [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-ExcludeAllDataDisks] [-ExclusionDisksList <System.String[]>] [-InclusionDisksList <System.String[]>] [-VaultId]
<System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Enable-AzRecoveryServicesBackupProtection [-Policy]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.PolicyBase> [-Name] <System.String>
[-ServiceName] <System.String> [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ExcludeAllDataDisks]

```

[-ExclusionDisksList <System.String[]>] [-InclusionDisksList <System.String[]>] [-VaultId <System.String>] [-Confirm]
[-WhatIf] [<CommonParameters>]

Enable-AzRecoveryServicesBackupProtection [-Policy]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.PolicyBase> [-Item]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ItemBase> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>
[-ExcludeAllDataDisks] [-ExclusionDisksList <System.String[]>]
[-InclusionDisksList <System.String[]>] [-ResetExclusionSettings] [-Token <System.String>] [-VaultId <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]

Enable-AzRecoveryServicesBackupProtection [-Policy]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.PolicyBase> [-Name] <System.String>
[-StorageAccountName] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-VaultId
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

Enable-AzRecoveryServicesBackupProtection [-Policy]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.PolicyBase> [-ProtectableItem]
<Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ProtectableItemBase> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-VaultId
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Enable-AzRecoveryServicesBackupProtection cmdlet enables the backup by associating a protection policy with the item. If policy ID is not present or the backup

item is not associated with any policy, then this command will expect a policyID. You can also use the same command to resume backup for a resource for which you've

stopped protection with the data retention option. Set the vault context by using the Set-AzRecoveryServicesVaultContext cmdlet before you use the current cmdlet.

PARAMETERS

-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

-ExcludeAllDataDisks <System.Management.Automation.SwitchParameter>

Option to specify to backup OS disks only

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ExclusionDisksList <System.String[]>

List of Disk LUNs to be excluded in backup and the rest are automatically included.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InclusionDisksList <System.String[]>

List of Disk LUNs to be included in backup and the rest are automatically excluded except OS disk.

Required? false

Position? named

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

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

 Specifies the Backup item for which this cmdlet enables protection. To obtain an AzureRmRecoveryServicesBackupItem , use the Get-AzRecoveryServicesBackupItem cmdlet.

Required? true
Position? 4
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-Name <System.String>

 Specifies the name of the Backup item.

Required? true
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

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

 Specifies protection policy that this cmdlet associates with an item. To obtain an AzureRmRecoveryServicesBackupProtectionPolicy object, use the Get-AzRecoveryServicesBackupProtectionPolicy cmdlet.

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

Accept wildcard characters? false

-ProtectableItem <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ProtectableItemBase>

Specifies the item to be protected with the given policy.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ResetExclusionSettings <System.Management.Automation.SwitchParameter>

Specifies to reset disk exclusion setting associated with the item

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group of a virtual machine. Specify this parameter only for ARM virtual machines.

Required? true

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServiceName <System.String>

Cloud Service Name for Azure Classic Compute VM.

Required? true

Position? 3
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-StorageAccountName <System.String>

Azure file share storage account name

Required? true
Position? 3
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Token <System.String>

Auxiliary access token for authenticating critical operation to resource guard subscription

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

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required?	false
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

System.String

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

OUTPUTS

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

NOTES

----- Example 1: Enable Backup protection for an item -----

```
$Pol = Get-AzRecoveryServicesBackupProtectionPolicy -Name "DefaultPolicy"
```

```
$inclusionDiskLUNS = ("1", "2")
```

```
Enable-AzRecoveryServicesBackupProtection -Policy $Pol -Name "V2VM" -ResourceGroupName "RGName1"  
-InclusionDisksList $inclusionDiskLUNS
```

WorkloadName	Operation	Status	StartTime	EndTime
co03-vm	ConfigureBackup	Completed	11-Apr-16 12:19:49 PM	11-Apr-16 12:19:54 PM

The first cmdlet gets a default policy object, and then stores it in the \$Pol variable. The second cmdlet specifies the disk LUNS which are to be backed up and stores

it in \$inclusionDiskLUNS variable. The third cmdlet sets the Backup protection policy for the ARM virtual machine named V2VM, in a resource group named RGName1, using the policy in \$Pol.

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

```
Enable-AzRecoveryServicesBackupProtection -Item $Item -Policy $Pol -VaultId $vault
```

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.recoveryservices/enable-azrecoveryservicesbackupprotection>

Disable-AzRecoveryServicesBackupProtection

Get-AzRecoveryServicesBackupProtectionPolicy