



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

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

NAME

Get-AzRecoveryServicesBackupProtectionPolicy

SYNOPSIS

Gets Backup protection policies for a vault.

SYNTAX

```
Get-AzRecoveryServicesBackupProtectionPolicy [-WorkloadType] {AzureVM | AzureSQLDatabase | AzureFiles |
MSSQL} [-BackupManagementType] {AzureVM | SCDPM |
AzureBackupServer | AzureStorage | AzureWorkload | MAB} [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-IsArchiveSmartTieringEnabled <System.Nullable`1[System.Boolean]>] [-PolicySubType {Standard | Enhanced}]
[-VaultId <System.String>] [<CommonParameters>]
```

```
Get-AzRecoveryServicesBackupProtectionPolicy [-Name] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-IsArchiveSmartTieringEnabled <System.Nullable`1[System.Boolean]>]
[-PolicySubType {Standard | Enhanced}] [-VaultId <System.String>] [<CommonParameters>]
```

```

Get-AzRecoveryServicesBackupProtectionPolicy [-WorkloadType] {AzureVM | AzureSQLDatabase | AzureFiles |
MSSQL} [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-IsArchiveSmartTieringEnabled <System.Nullable`1[System.Boolean]>]
[-PolicySubType {Standard | Enhanced}] [-VaultId <System.String>] [<CommonParameters>]

```

DESCRIPTION

The Get-AzRecoveryServicesBackupProtectionPolicy cmdlet gets Azure Backup protection policies for a vault. Set the vault context by using the

Set-AzRecoveryServicesVaultContext cmdlet before you use the current cmdlet.

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

Required?	true
Position?	3
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

-IsArchiveSmartTieringEnabled <System.Nullable`1[System.Boolean]>

Parameter to list policies for which smart tiering is Enabled/Disabled. Allowed values are \$true, \$false.

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

-Name <System.String>

Specifies the name of the policy.

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

-PolicySubType <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.PSPolicyType>

Type of policy to be fetched: Standard, Enhanced

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

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

Workload type of the resource. The current supported values are AzureVM, AzureFiles, MSSQL

Required? true
Position? 2
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.PolicyBase

NOTES

----- Example 1: Get all policies in the vault -----

```
Get-AzRecoveryServicesBackupProtectionPolicy
```

Name	WorkloadType	BackupManagementType	BackupTime	DaysOfWeek
DefaultPolicy	AzureVM	AzureVM	4/14/2016 5:00:00 PM	
NewPolicy	AzureVM	AzureVM	4/23/2016 5:30:00 PM	
NewPolicy2	AzureVM	AzureVM	4/24/2016 1:30:00 AM	

This command gets all protection policies created in the vault.

----- Example 2: Get a specific policy -----

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

This command gets the protection policy named DefaultPolicy, and then stores it in the \$pol variable.

----- Example 3: Get only Enhanced policies in a vault -----

```
$pol = Get-AzRecoveryServicesBackupProtectionPolicy -VaultId $vault.ID -BackupManagementType AzureVM  
-WorkloadType AzureVM -PolicySubType Enhanced
```

This command gets only the Enhanced protection policies in RS vault, and then stores it in the \$pol variable.

--- Example 4: Get smart tiering enabled policies in a vault ---

```
$pol = Get-AzRecoveryServicesBackupProtectionPolicy -VaultId $vault.ID -BackupManagementType AzureVM
```

-WorkloadType AzureVM -IsArchiveSmartTieringEnabled \$true

This command gets only the policies in RS vault for which archive smart tiering is enabled. To fetch the policies for which smart tiering is disabled, set

IsArchiveSmartTieringEnabled parameter to \$false. To fetch all the policies, skip this parameter.

RELATED LINKS

Online

Version:

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

New-AzRecoveryServicesBackupProtectionPolicy

Remove-AzRecoveryServicesBackupProtectionPolicy

Set-AzRecoveryServicesBackupProtectionPolicy