



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

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

NAME

Get-AzRecoveryServicesBackupRetentionPolicyObject

SYNOPSIS

Gets a base retention policy object.

SYNTAX

```
Get-AzRecoveryServicesBackupRetentionPolicyObject [-WorkloadType] {AzureVM | AzureFiles | MSSQL}
[[-BackupManagementType] {AzureVM | AzureStorage | AzureWorkload}]
[[-ScheduleRunFrequency] {Daily | Hourly | Weekly}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The `Get-AzRecoveryServicesBackupRetentionPolicyObject` cmdlet gets a base `AzureRMRecoveryServicesRetentionPolicyObject`. This object is not persisted in the system. It is a temporary object that you can manipulate and use with the `New-AzRecoveryServicesBackupProtectionPolicy` cmdlet to create a new backup policy.

PARAMETERS

-BackupManagementType

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

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

- AzureWorkload

- AzureStorage

Required? false

Position? 1

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

-ScheduleRunFrequency <Microsoft.Azure.Commands.RecoveryServices.Backup.Cmdlets.Models.ScheduleRunType>

Frequency of the schedule for which base retention policy object is fetched. Acceptable values are Daily and Hourly.

Required? false

Position? 2

Default value None

Accept pipeline input? False

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

Required? true

Position? 0

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

None

OUTPUTS

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

NOTES

----- Example 1: Create a backup protection policy -----

```
$RetPol = Get-AzRecoveryServicesBackupRetentionPolicyObject -WorkloadType AzureVM
$RetPol.DailySchedule.DurationCountInDays = 365
$SchPol = Get-AzRecoveryServicesBackupSchedulePolicyObject -WorkloadType AzureVM
New-AzRecoveryServicesBackupProtectionPolicy -Name "NewPolicy" -WorkloadType AzureVM -RetentionPolicy $RetPol
-SchedulePolicy $SchPol
```

The first command gets the retention policy object, and then stores it in the \$RetPol variable. The second command sets the duration for the retention policy object

to 365 days. The third command gets the schedule policy object, and then stores it in the \$SchPol variable. The last command creates a backup protection policy using

the retention policy and schedule policy created with the previous commands.

Example 2: Get base hourly retention object for fileshare policy

```
$retentionPolicy = Get-AzRecoveryServicesBackupRetentionPolicyObject -WorkloadType AzureFiles
-BackupManagementType AzureStorage -ScheduleRunFrequency Hourly
$retentionPolicy.DailySchedule.DurationCountInDays = 10
```

The first command gets a base hourly RetentionPolicy object, and then stores it in the \$retentionPolicy variable. Similarly the retention hourly policy can be fetched

for enhanced hourly schedule for other workloads. The second command sets the retention duration for daily recovery points to 10 days.

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

Get-AzRecoveryServicesBackupSchedulePolicyObject

New-AzRecoveryServicesBackupProtectionPolicy