Windows PowerShell Get-Help on Cmdlet 'Merge-Partition'

PS:\>Get-HELP Merge-Partition -Full

NAME

  Merge-Partition

SYNOPSIS

  This cmdlet merges the data of one or more source partitions into a target partition and deletes the source partitions.

SYNTAX

  Merge-Partition [-Name] <String> [-ApplicationId <String>] [-CertificateThumbprint <String>] [-Credential <PSCredential>]
-Cube <String> -Database <String>

   -MeasureGroup <String> [-ProgressAction <ActionPreference>] [-Server <String>] [-ServicePrincipal] -SourcePartitions
<String[]> [-TenantId <String>] [-Confirm]

  [-WhatIf] [<CommonParameters>]

   Merge-Partition [-ApplicationId <String>] [-CertificateThumbprint <String>] [-Credential <PSCredential>] -Cube <String>
-Database <String> -MeasureGroup <String>

   [-ProgressAction <ActionPreference>] [-Server <String>] [-ServicePrincipal] -SourcePartitions <String[]> -TargetPartition
<Partition> [-TenantId <String>] [-Confirm]

  [-WhatIf] [<CommonParameters>]

DESCRIPTION

This cmdlet merges the data of one or more source partitions into a target partition and deletes the source partitions.

Partitions can be merged only if they meet all the following criteria: - Partitions are in the same measure group.

- Partitions are stored in the same mode (MOLAP, HOLAP, and ROLAP).

> `Module requirements: version 21+ on PowerShell 5.1; version 21 (recent preview) or version 22+ on PowerShell 7.x.`

PARAMETERS

  -ApplicationId <String>

    The application Id for the service principal.

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

  -CertificateThumbprint <String>

    The certificate thumbprint for the service principal.

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

  -Credential <PSCredential>

If this parameter is specified, the user name and password passed will be used to connect to specified Analysis Server instance. If no credentials are specified

default windows account of the user who is running the tool will be used.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Cube <String>

Name of the cube under which the partitions exist.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Database <String>

Name of the Analysis Server database where the partitions exist.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-MeasureGroup <String>

Name of the Measure Group under which the partitions exist.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Name <String>

Name of the target partition to where the source partitions data will be merged.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-ProgressAction <ActionPreference>

Determines how PowerShell responds to progress updates generated by a script, cmdlet, or provider, such as the progress bars generated by the Write-Progress

cmdlet. The Write-Progress cmdlet creates progress bars that show a command's status.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Server <String>

Optionally specifies the server instance to connect to if not currently in the SQLAS Provider directory.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-ServicePrincipal [<SwitchParameter>]

Specifies that this connection is using service principal.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-SourcePartitions <String[]>

Source partition names from which data is merged to target partition.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-TargetPartition <Partition>

Specifies the target partition to which the source partitions will be merged.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-TenantId <String>

The tenant Id for the service principal.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Confirm [<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 [<SwitchParameter>]

   Shows what would happen if the cmdlet runs. The cmdlet is not run.

   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

   Microsoft.AnalysisServices.Partition

OUTPUTS

NOTES

Not supported on tabular databases with compatibility level 1200 or higher.

---------------------- Merge partitions ----------------------

$sources = "customers_2006","customers_2007","customers_2008"

    PS   C:\>   Merge-Partition   -Name:Customers_2005   -SourcePartitions:$sources   -Database:"AdventureWorksDW"
-Cube:"Adventure Works" -MeasureGroup:"Internet Customers"

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/sqlserver/merge-partition