



Windows PowerShell Get-Help on Cmdlet 'Add-AzStorageAccountManagementPolicyAction'

PS:\>Get-HELP Add-AzStorageAccountManagementPolicyAction -Full

NAME

Add-AzStorageAccountManagementPolicyAction

SYNOPSIS

Adds an action to the input ManagementPolicy Action Group object, or creates a ManagementPolicy Action Group object with the action. The object can be used in

New-AzStorageAccountManagementPolicyRule.

SYNTAX

```
Add-AzStorageAccountManagementPolicyAction -BaseBlobAction {Delete | TierToArchive | TierToCool | TierToCold | TierToHot} [-DaysAfterLastTierChangeGreaterThan <System.Int32>] [-DaysAfterModificationGreaterThan <System.Int32>] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-InputObject <Microsoft.Azure.Commands.Management.Storage.Models.PSManagementPolicyActionGroup>] [<CommonParameters>]
```

```
Add-AzStorageAccountManagementPolicyAction -BaseBlobAction {Delete | TierToArchive | TierToCool | TierToCold | TierToHot} -DaysAfterLastAccessTimeGreaterThan
```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-EnableAutoTierToHotFromCool]

[-InputObject <Microsoft.Azure.Commands.Management.Storage.Models.PSManagementPolicyActionGroup>]

[<CommonParameters>]

Add-AzStorageAccountManagementPolicyAction -BaseBlobAction {Delete | TierToArchive | TierToCool | TierToCold | TierToHot} -DaysAfterCreationGreaterThan <System.Int32>

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-InputObject

<Microsoft.Azure.Commands.Management.Storage.Models.PSManagementPolicyActionGroup>]

[<CommonParameters>]

Add-AzStorageAccountManagementPolicyAction -BlobVersionAction {Delete | TierToArchive | TierToCool | TierToCold | TierToHot} -DaysAfterCreationGreaterThan

<System.Int32> [-DaysAfterLastTierChangeGreaterThan <System.Int32>] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-InputObject

<Microsoft.Azure.Commands.Management.Storage.Models.PSManagementPolicyActionGroup>]

[<CommonParameters>]

Add-AzStorageAccountManagementPolicyAction -DaysAfterCreationGreaterThan <System.Int32>

[-DaysAfterLastTierChangeGreaterThan <System.Int32>] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-InputObject

<Microsoft.Azure.Commands.Management.Storage.Models.PSManagementPolicyActionGroup>] -SnapshotAction

{Delete | TierToArchive | TierToCool | TierToCold | TierToHot}

[<CommonParameters>]

DESCRIPTION

The Add-AzStorageAccountManagementPolicyAction cmdlet adds an action to the input ManagementPolicy Action Group object, or creates a ManagementPolicy Action Group object with the action.

PARAMETERS

-BaseBlobAction <System.String>

The management policy action for baseblob.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-BlobVersionAction <System.String>

The management policy action for blob version.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DaysAfterCreationGreaterThan <System.Int32>

Integer value indicating the age in days after creation.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DaysAfterLastAccessTimeGreaterThan <System.Int32>

Integer value indicating the age in days after last blob access. This property can only be used in conjunction with last access time tracking policy.

Required? true

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

-DaysAfterLastTierChangeGreaterThan <System.Int32>

Integer value indicating the age in days after last blob tier change time. This property is only applicable for tierToArchive actions. It requires

daysAfterModificationGreaterThan to be set for baseBlobs based actions, or daysAfterModificationGreaterThan to be set for snapshots and blob version based actions.

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

-DaysAfterModificationGreaterThan <System.Int32>

Integer value indicating the age in days after last modification.

Required? true
Position? named
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

-EnableAutoTierToHotFromCool <System.Management.Automation.SwitchParameter>

Enables auto tiering of a blob from cool to hot on a blob access. It only works with TierToCool action and DaysAfterLastAccessTimeGreaterThan.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Management.Storage.Models.PSManagementPolicyActionGroup>

If input the ManagementPolicy Action object, will set the action to the input action object. If not input, will create a new action object.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-SnapshotAction <System.String>

The management policy action for snapshot.

Required? true

Position? named

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

Microsoft.Azure.Commands.Management.Storage.Models.PSManagementPolicyActionGroup

OUTPUTS

Microsoft.Azure.Commands.Management.Storage.Models.PSManagementPolicyActionGroup

NOTES

Example 1: Creates a ManagementPolicy Action Group object with 4 actions, then add it to a management policy rule and set to a Storage account

```
$action = Add-AzStorageAccountManagementPolicyAction -BaseBlobAction Delete -DaysAfterCreationGreaterThan 100
           $action      =      Add-AzStorageAccountManagementPolicyAction      -BaseBlobAction      TierToArchive
-daysAfterModificationGreaterThan 50 -DaysAfterLastTierChangeGreaterThan 40
-InputObject $action
           $action      =      Add-AzStorageAccountManagementPolicyAction      -BaseBlobAction      TierToCool
-DaysAfterLastAccessTimeGreaterThan 30 -EnableAutoTierToHotFromCool -InputObject
$action
           $action = Add-AzStorageAccountManagementPolicyAction -BaseBlobAction TierToHot -DaysAfterCreationGreaterThan
100 -InputObject $action
           $action = Add-AzStorageAccountManagementPolicyAction -SnapshotAction Delete -daysAfterCreationGreaterThan 100
-InputObject $action
```

\$action

BaseBlob.TierToCool.DaysAfterModificationGreaterThan :
BaseBlob.TierToCool.DaysAfterLastAccessTimeGreaterThan : 30
BaseBlob.TierToCool.DaysAfterCreationGreaterThan :
BaseBlob.EnableAutoTierToHotFromCool : True
BaseBlob.TierToArchive.DaysAfterModificationGreaterThan : 50
BaseBlob.TierToArchive.DaysAfterLastAccessTimeGreaterThan :
BaseBlob.TierToArchive.DaysAfterCreationGreaterThan :
BaseBlob.TierToArchive.DaysAfterLastTierChangeGreaterThan : 40
BaseBlob.Delete.DaysAfterModificationGreaterThan :
BaseBlob.Delete.DaysAfterLastAccessTimeGreaterThan :
BaseBlob.Delete.DaysAfterCreationGreaterThan : 100
BaseBlob.TierToCold.DaysAfterModificationGreaterThan :
BaseBlob.TierToCold.DaysAfterLastAccessTimeGreaterThan :
BaseBlob.TierToCold.DaysAfterCreationGreaterThan :
BaseBlob.TierToHot.DaysAfterModificationGreaterThan :
BaseBlob.TierToHot.DaysAfterLastAccessTimeGreaterThan :
BaseBlob.TierToHot.DaysAfterCreationGreaterThan : 100
Snapshot.TierToCool.DaysAfterCreationGreaterThan :
Snapshot.TierToArchive.DaysAfterCreationGreaterThan :
Snapshot.TierToArchive.DaysAfterLastTierChangeGreaterThan :
Snapshot.Delete.DaysAfterCreationGreaterThan : 100
Snapshot.TierToCold.DaysAfterCreationGreaterThan :
Snapshot.TierToHot.DaysAfterCreationGreaterThan :
Version.TierToCool.DaysAfterCreationGreaterThan :
Version.TierToArchive.DaysAfterCreationGreaterThan :
Version.TierToArchive.DaysAfterLastTierChangeGreaterThan :
Version.Delete.DaysAfterCreationGreaterThan :
Version.TierToCold.DaysAfterCreationGreaterThan :
Version.TierToHot.DaysAfterCreationGreaterThan :

\$filter = New-AzStorageAccountManagementPolicyFilter

```
$rule = New-AzStorageAccountManagementPolicyRule -Name Test -Action $action -Filter $filter
```

```
$policy = Set-AzStorageAccountManagementPolicy -ResourceGroupName "myresourcegroup" -AccountName  
"mystorageaccount" -Rule $rule
```

The first command create a ManagementPolicy Action Group object, the following 3 commands add 3 actions to the object. Then add it to a management policy rule and set to a Storage account.

Example 2: Creates a ManagementPolicy Action Group object with 7 actions on snapshot and blob version, then add it to a management policy rule and set to a Storage account

```
$action = Add-AzStorageAccountManagementPolicyAction -SnapshotAction Delete -daysAfterCreationGreaterThan 40  
$action = Add-AzStorageAccountManagementPolicyAction -InputObject $action -SnapshotAction TierToArchive  
-daysAfterCreationGreaterThan 50  
$action = Add-AzStorageAccountManagementPolicyAction -InputObject $action -SnapshotAction TierToCool  
-daysAfterCreationGreaterThan 60  
$action = Add-AzStorageAccountManagementPolicyAction -InputObject $action -BlobVersionAction Delete  
-daysAfterCreationGreaterThan 70  
$action = Add-AzStorageAccountManagementPolicyAction -InputObject $action -BlobVersionAction TierToArchive  
-daysAfterCreationGreaterThan 80  
$action = Add-AzStorageAccountManagementPolicyAction -InputObject $action -BlobVersionAction TierToCool  
-daysAfterCreationGreaterThan 90  
$action = Add-AzStorageAccountManagementPolicyAction -InputObject $action -BlobVersionAction TierToCold  
-daysAfterCreationGreaterThan 100  
$action
```

```
BaseBlob.TierToCool.DaysAfterModificationGreaterThan :
```

```
BaseBlob.TierToCool.DaysAfterLastAccessTimeGreaterThan :
```

```
BaseBlob.TierToCool.DaysAfterCreationGreaterThan :
```

```
BaseBlob.EnableAutoTierToHotFromCool :
```

```
BaseBlob.TierToArchive.DaysAfterModificationGreaterThan :
```


BaseBlob.TierToArchive.DaysAfterLastAccessTimeGreaterThan :

BaseBlob.TierToArchive.DaysAfterCreationGreaterThan :

BaseBlob.TierToArchive.DaysAfterLastTierChangeGreaterThan :

BaseBlob.Delete.DaysAfterModificationGreaterThan :

BaseBlob.Delete.DaysAfterLastAccessTimeGreaterThan :

BaseBlob.Delete.DaysAfterCreationGreaterThan :

BaseBlob.TierToCold.DaysAfterModificationGreaterThan :

BaseBlob.TierToCold.DaysAfterLastAccessTimeGreaterThan :

BaseBlob.TierToCold.DaysAfterCreationGreaterThan :

BaseBlob.TierToHot.DaysAfterModificationGreaterThan :

BaseBlob.TierToHot.DaysAfterLastAccessTimeGreaterThan :

BaseBlob.TierToHot.DaysAfterCreationGreaterThan :

Snapshot.TierToCool.DaysAfterCreationGreaterThan : 60

Snapshot.TierToArchive.DaysAfterCreationGreaterThan : 50

Snapshot.TierToArchive.DaysAfterLastTierChangeGreaterThan :

Snapshot.Delete.DaysAfterCreationGreaterThan : 40

Snapshot.TierToCold.DaysAfterCreationGreaterThan :

Snapshot.TierToHot.DaysAfterCreationGreaterThan :

Version.TierToCool.DaysAfterCreationGreaterThan : 90

Version.TierToArchive.DaysAfterCreationGreaterThan : 80

Version.TierToArchive.DaysAfterLastTierChangeGreaterThan :

Version.Delete.DaysAfterCreationGreaterThan : 70

Version.TierToCold.DaysAfterCreationGreaterThan : 100

Version.TierToHot.DaysAfterCreationGreaterThan :

\$filter = New-AzStorageAccountManagementPolicyFilter

\$rule = New-AzStorageAccountManagementPolicyRule -Name Test -Action \$action -Filter \$filter

\$policy = Set-AzStorageAccountManagementPolicy -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount" -Rule \$rule

The first command create a ManagementPolicy Action Group object, the following 5 commands add 5 actions on snapshot and blob version to the object. Then add it to a management policy rule and set to a Storage account.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/Az.storage/add-Azstorageaccountmanagementpolicyaction>