



Windows PowerShell Get-Help on Cmdlet 'Set-AzConsumptionBudget'

PS:\>Get-HELP Set-AzConsumptionBudget -Full

NAME

Set-AzConsumptionBudget

SYNOPSIS

Update a budget in either a subscription or a resource group.

SYNTAX

```
Set-AzConsumptionBudget [-Amount <System.Nullable`1[System.Decimal]>] [-Category {Cost | Usage}] [-ContactEmail
<System.String[]>] [-ContactGroup <System.String[]>]
                        [-ContactRole {Owner | Reader | Contributor}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndDate
<System.Nullable`1[System.DateTime]>] [-MeterFilter <System.String[]>] -Name <System.String> [-NotificationEnabled]
-NotificationKey <System.String>
[-NotificationThreshold <System.Nullable`1[System.Decimal]>] [-ResourceFilter <System.String[]>] [-ResourceGroupFilter
<System.String[]>] [-ResourceGroupName
<System.String>] [-StartDate <System.Nullable`1[System.DateTime]>] [-TimeGrain {Monthly | Quarterly | Annually}]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

Set-AzConsumptionBudget [-Amount <System.Nullable`1[System.Decimal]>] [-Category {Cost | Usage}] [-ContactEmail

```

<System.String[]>] [-ContactGroup <System.String[]>]
                        [-ContactRole {Owner | Reader | Contributor}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndDate
    <System.Nullable`1[System.DateTime]>] -InputObject <Microsoft.Azure.Commands.Consumption.Models.PSBudget>
[-MeterFilter <System.String[]>] [-NotificationEnabled]
    -NotificationKey <System.String> [-NotificationThreshold <System.Nullable`1[System.Decimal]>] [-ResourceFilter
<System.String[]>] [-ResourceGroupFilter
    <System.String[]>] [-StartDate <System.Nullable`1[System.DateTime]>] [-TimeGrain {Monthly | Quarterly | Annually}]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-AzConsumptionBudget [-Amount <System.Nullable`1[System.Decimal]>] [-Category {Cost | Usage}] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndDate
<System.Nullable`1[System.DateTime]>] -InputObject
    <Microsoft.Azure.Commands.Consumption.Models.PSBudget> [-MeterFilter <System.String[]>] [-ResourceFilter
<System.String[]>] [-ResourceGroupFilter <System.String[]>]
    [-StartDate <System.Nullable`1[System.DateTime]>] [-TimeGrain {Monthly | Quarterly | Annually}] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Set-AzConsumptionBudget [-Amount <System.Nullable`1[System.Decimal]>] [-Category {Cost | Usage}] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndDate
<System.Nullable`1[System.DateTime]>] [-MeterFilter
    <System.String[]>] -Name <System.String> [-ResourceFilter <System.String[]>] [-ResourceGroupFilter <System.String[]>]
[-ResourceGroupName <System.String>] [-StartDate
    <System.Nullable`1[System.DateTime]>] [-TimeGrain {Monthly | Quarterly | Annually}] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

DESCRIPTION

The Set-AzConsumptionBudget cmdlet updates a budget in either a subscription or a resource group.

PARAMETERS

-Amount <System.Nullable`1[System.Decimal]>

Amount of a budget.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Category <System.String>

Category of the budget can be cost or usage.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ContactEmail <System.String[]>

Email addresses to send the budget notification to when the threshold is exceeded.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ContactGroup <System.String[]>

Action groups to send the budget notification to when the threshold is exceeded.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ContactRole <System.String[]>

Contact roles to send the budget notification to when the threshold is exceeded.

Required? false

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

-EndDate <System.Nullable`1[System.DateTime]>

End date (YYYY-MM-DD in UTC) of time period of a budget.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Consumption.Models.PSBudget>

Budget object.

Required? true

Position? named
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-MeterFilter <System.String[]>

Comma-separated list of meters to filter on. Required if category is usage.

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

-Name <System.String>

Name of a budget.

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

-NotificationEnabled <System.Management.Automation.SwitchParameter>

The notification is enabled. If not specified, the notification is disabled by default.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-NotificationKey <System.String>

Key of a notification associated with a budget, required to create a notification with notification enabled switch, notification threshold, contact emails, contact groups, or contact roles.

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

-NotificationThreshold <System.Nullable`1[System.Decimal]>

Threshold value associated with a notification. Notification is sent when the cost or usage exceeded the threshold. It is always percent and has to be between 0 and 1000.

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

-ResourceFilter <System.String[]>

Comma-separated list of resource instances to filter on.

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

-ResourceGroupFilter <System.String[]>

Comma-separated list of resource groups to filter on.

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

-ResourceGroupName <System.String>

Resource Group of a budget.

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

-StartDate <System.Nullable`1[System.DateTime]>

Start date (YYYY-MM-DD in UTC) of time period of a budget. Not prior to current month for monthly time grain. Not prior to three months for quarterly time grain.

Not prior to twelve months for yearly time grain. Future start date not more than three months.

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

-TimeGrain <System.String>

Time grain of the budget can be monthly, quarterly, or annually.

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

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. 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.Azure.Commands.Consumption.Models.PSBudget

OUTPUTS

Microsoft.Azure.Commands.Consumption.Models.PSBudget

NOTES

- Currently, PowerShell SDK for Consumption is only available to Enterprise Agreement customers.

- PowerShell SDK for Consumption is using an older version of Budgets API and few backwards non-compatible items like listing Budgets with filters will not work as expected.

Example 1: Update a budget by a new amount with a budget name at subscription level

```
Set-AzConsumptionBudget -Name PSBudget -Amount 75
```

Amount: 75

Category: Cost

CurrentSpend: null

Id: subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/providers/Microsoft.Consumption/budgets/PSBudget

Name: PSBudget

TimeGrain: Monthly

TimePeriod: EndDate: 11/1/2018 12:00:00 AM

StartDate: 6/1/2018 12:00:00 AM

Type: Microsoft.Consumption/budgets

Example 2: Update a budget with a notification when cost or usage reaches a threshold of 90 percent of amount at subscription level

```
Set-AzConsumptionBudget -Name PSBudget -NotificationKey notificationKey-ps1234 -NotificationEnabled
```

-NotificationThreshold 90 -ContactEmail

@('johndoe@contoso.com','janesmith@contoso.com') -ContactRole Owner,Reader,Contributor

Amount: 75

Category: Cost

CurrentSpend: null

Id: subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/providers/Microsoft.Consumption/budgets/PSBudget

Name: PSBudget

Notification: NotificationKey: notificationKey-ps1234

Threshold: 90

Enabled: true

ContactEmail: johndoe@contoso.com,janesmith@contoso.com

ContactRole: Owner,Reader,Contributor

TimeGrain: Monthly

TimePeriod: EndDate: 11/1/2018 12:00:00 AM

StartDate: 6/1/2018 12:00:00 AM

Type: Microsoft.Consumption/budgets

Example 3: Update a budget by a new amount with a budget name at resource group level

Set-AzConsumptionBudget -ResourceGroupName RGBudgets -Name PSBudgetRG -Amount 75

Amount: 75

Category: Cost

CurrentSpend: null

Id:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/resourceGroups/RGBudgets/providers/Microsoft.Consumption/budgets/PSBudgetRG

Name: PSBudgetRG

TimeGrain: Monthly

TimePeriod: EndDate: 11/1/2018 12:00:00 AM

StartDate: 6/1/2018 12:00:00 AM

Type: Microsoft.Consumption/budgets

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.billing/set-azconsumptionbudget>