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

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

NAME

   New-AzConsumptionBudget

SYNOPSIS

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

SYNTAX

   New-AzConsumptionBudget -Amount <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>]

DESCRIPTION

The New-AzConsumptionBudget cmdlet creates a budget in either a subscription or a resource group.

PARAMETERS

-Amount <System.Decimal>

Amount of a budget.

Required?   true

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?   true

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?   true

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

-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 or not.

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?   true

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?   true

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?   true

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

None

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: Create a cost budget with a budget name at subscription level

  New-AzConsumptionBudget -Amount 60 -Name PSBudget -Category Cost -StartDate 2018-06-01 -EndDate 2018-11-01 -TimeGrain Monthly

Amount: 60

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: Create a cost budget with a budget name at resource group level

  New-AzConsumptionBudget -ResourceGroupName RGBudgets -Amount 60 -Name PSBudgetRG -Category Cost -StartDate 2018-06-01 -EndDate 2018-11-01 -TimeGrain Monthly

Amount: 60

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/new-azconsumptionbudget