



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

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

NAME

Get-AzConsumptionUsageDetail

SYNOPSIS

Get usage details of the subscription.

SYNTAX

```
Get-AzConsumptionUsageDetail [-BillingPeriodName <System.String>] [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndDate  
<System.Nullable`1[System.DateTime]>] [-Expand <System.String>]  
    [-IncludeAdditionalProperties] [-IncludeMeterDetails] [-InstanceId <System.String>] [-InstanceName <System.String>]  
    [-MaxCount <System.Nullable`1[System.Int32]>]  
    [-ResourceGroup <System.String>] [-StartDate <System.Nullable`1[System.DateTime]>] [-Tag <System.String>] [-Top  
<System.Nullable`1[System.Int32]>] [<CommonParameters>]
```

DESCRIPTION

The Get-AzConsumptionUsageDetail cmdlet gets usage details of the subscription.

PARAMETERS

-BillingPeriodName <System.String>

Name of a specific billing period to get the usage details that associate with.

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]>

The end date (in UTC) of the usages to filter.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Expand <System.String>

Expand the usages based on MeterDetails, or AdditionalInfo.

Required? false

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

-IncludeAdditionalProperties <System.Management.Automation.SwitchParameter>

Include additional properties in the usages.

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

-IncludeMeterDetails <System.Management.Automation.SwitchParameter>

Include meter details in the usages.

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

-InstanceId <System.String>

The instance id of the usages to filter.

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

-InstanceName <System.String>

The instance name of the usages to filter.

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

-MaxCount <System.Nullable`1[System.Int32]>

Determine the maximum number of records to return.

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

-ResourceGroup <System.String>

The resource group of the usages to filter.

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

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

The start date (in UTC) of the usages to filter.

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

Accept wildcard characters? false

-Tag <System.String>

The tag of the usages to filter.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Top <System.Nullable`1[System.Int32]>

Determine the maximum number of records to return.

Required? false

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

None

OUTPUTS

Microsoft.Azure.Commands.Consumption.Models.PSUsageDetail

NOTES

--- Example 1: Get usage details with expand of MeterDetails ---

Get-AzConsumptionUsageDetail -Expand MeterDetails -Top 10

AccountName: AAAA

BillingPeriodId:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/providers/Microsoft.Billing/billingPeriods/20180601

ConsumedService: Microsoft.Compute

CostCenter: XYZ987

Currency: USD

DepartmentName: Ama

Id:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/providers/Microsoft.Billing/billingPeriods/20180601/providers/Microsoft.Consumption/usageDetails/24b9dff0-f022-

55a1-886b-17b330000db3

InstanceId:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/resourceGroups/MAR-CCM/providers/Microsoft.Compute/disks/mar-ccm-vm01_OsDisk_1_d0beead4b6ff4b4088a687701d355d61

InstanceLocation: usnorthcentral

InstanceName: mar-ccm-vm01_OsDisk_1_d0beead4b6ff4b4088a687701d355d61

IsEstimated: true

MeterDetails: MeterCategory: Data Management

MeterLocation: usnorthcentral

MeterName: Standard Managed Disk Operations (in 10,000s)

MeterSubCategory: Data Management

Unit: Operations

MeterId: 82cd70ab-1aee-4b30-bc04-8b71e1204dbc

Name: 24b9dff0-f022-55a1-886b-17b330000db3

PretaxCost: 0

Product: Data Management Standard Managed Disk Operations

SubscriptionGuid: 1caaa5a3-2b66-438e-8ab4-bce37d518c5d

SubscriptionName: CCM - Microsoft Azure Enterprise - 1

Type: Microsoft.Consumption/usageDetails

UsageEnd: 6/1/2018 11:59:59 PM

UsageQuantity: 3.8218

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

----- Example 2: Get usage details with date range -----

Get-AzConsumptionUsageDetail -StartDate 2017-10-02 -EndDate 2017-10-05 -Top 10

AccountName: AAAA

BillingPeriodId:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/providers/Microsoft.Billing/billingPeriods/20171001

ConsumedService: Storage

CostCenter: XYZ987

Currency: USD

DepartmentName: Ama

Id:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/providers/Microsoft.Billing/billingPeriods/20171001/providers/Microsoft.Consumption/usageDetails/732582e5-40ad-

bb23-7a69-ca1ff7c8b004

InstanceId: storsimplez9q6r2t7f

InstanceLocation: US West Central

InstanceName: storsimplezc9q6r2t7f

IsEstimated: false

MeterId: ad22fac8-9da5-4577-8683-56ae94d39e42

Name: 732582e5-40ad-bb23-7a69-ca1ff7c8b004

PretaxCost: 0

Product: Data Management Geo Redundant Standard IO - Table Write

SubscriptionGuid: 1caaa5a3-2b66-438e-8ab4-bce37d518c5d

SubscriptionName: CCM - Microsoft Azure Enterprise - 1

Type: Microsoft.Consumption/usageDetails

UsageEnd: 10/2/2017 11:59:59 PM

UsageQuantity: 0.0006

UsageStart: 10/2/2017 12:00:00 AM

Example 3: Get usage details of BillingPeriodName with InstanceName filter

Get-AzConsumptionUsageDetail -BillingPeriodName 201710 -InstanceName 1c2052westus -Top 10

AccountName: AAAA

BillingPeriodId:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/providers/Microsoft.Billing/billingPeriods/20171001

ConsumedService: Microsoft.Storage

CostCenter: XYZ987

Currency: USD

DepartmentName: Ama

Id:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/providers/Microsoft.Billing/billingPeriods/20171001/providers/Microsoft.Consumption/usageDetails/8abc8b65-e8f1-

31e1-f02b-058a7572363f

InstanceId:

subscriptions/1caaa5a3-2b66-438e-8ab4-bce37d518c5d/resourceGroups/securitydata/providers/Microsoft.Storage/storageAccounts/

Accounts/1c2052westus

InstanceLocation: uswest

InstanceName: 1c2052westus

IsEstimated: false

MeterId: 9995d93a-7d35-4d3f-9c69-7a7fea447ef4

Name: 8abc8b65-e8f1-31e1-f02b-058a7572363f

PretaxCost: 0.000000693016692

Product: Data Transfer Out - Zone 1

SubscriptionGuid: 1caaa5a3-2b66-438e-8ab4-bce37d518c5d

SubscriptionName: CCM - Microsoft Azure Enterprise - 1

Type: Microsoft.Consumption/usageDetails

UsageEnd: 10/1/2017 11:59:59 PM

UsageQuantity: 0.000009

UsageStart: 10/1/2017 12:00:00 AM

RELATED LINKS

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