



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

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

NAME

Get-AzMetricsBatch

SYNOPSIS

Lists the metric values for multiple resources.

SYNTAX

```
Get-AzMetricsBatch -Endpoint <String> [-SubscriptionId <String[]>] -Name <List`1> -Namespace <String> [-Aggregation
<String>] [-EndTime <String>] [-Filter <String>]
[-Interval <String>] [-OrderBy <String>] [-Rollupby <String>] [-StartTime <String>] [-Top <Int32>] [-ResourceId <String[]>]
[-DefaultProfile <PSObject>] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials]
[-WhatIf] [-Confirm] [<CommonParameters>]
```

```
Get-AzMetricsBatch -Endpoint <String> -InputObject <IMetricdataIdentity> -Name <List`1> -Namespace <String>
[-Aggregation <String>] [-EndTime <String>] [-Filter
<String>] [-Interval <String>] [-OrderBy <String>] [-Rollupby <String>] [-StartTime <String>] [-Top <Int32>] [-ResourceId
<String[]>] [-DefaultProfile <PSObject>]
```

[-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Lists the metric values for multiple resources.

PARAMETERS

-Endpoint <String>

The regional endpoint to use, for example <https://eastus.metrics.monitor.azure.com>.

The region should match the region of the requested resources.

For global resources, the region should be 'global'.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String[]>

The subscription identifier for the resources in this batch.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-InputObject <IMetricdataIdentity>

Identity Parameter

Required? true

Position? named
Default value
Accept pipeline input? true (ByValue)
Accept wildcard characters? false

-Name <List`1>

The names of the metrics (comma separated) to retrieve.

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

-Namespace <String>

Metric namespace that contains the requested metric names.

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

-Aggregation <String>

The list of aggregation types (comma separated) to retrieve.

Examples: average, minimum, maximum

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

-EndTime <String>

The end time of the query.

It is a string in the format 'yyyy-MM-ddTHH:mm:ss.fffZ'.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Filter <String>

The filter is used to reduce the set of metric data returned.

Example:

Metric contains metadata A, B and C.

- Return all time series of C where A = a1 and B = b1 or b2

****filter=A eq ??~a1??T and B eq ??~b1??T or B eq ??~b2??T and C eq ??~*??T****

- Invalid variant:

****filter=A eq ??~a1??T and B eq ??~b1??T and C eq ??~*??T or B = ??~b2??T****

This is invalid because the logical or operator cannot separate two different metadata names.

- Return all time series where A = a1, B = b1 and C = c1:

****filter=A eq ??~a1??T and B eq ??~b1??T and C eq ??~c1??T****

- Return all time series where A = a1

****filter=A eq ??~a1??T and B eq ??~*??T and C eq ??~*??T**.**

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Interval <String>

The interval (i.e.

timegrain) of the query in ISO 8601 duration format.

Defaults to PT1M.

Special case for 'FULL' value that returns single datapoint for entire time span requested.

Examples: PT15M, PT1H, P1D, FULL

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OrderBy <String>

The aggregation to use for sorting results and the direction of the sort.

Only one order can be specified.

Examples: sum asc

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Rollupby <String>

Dimension name(s) to rollup results by.

For example if you only want to see metric values with a filter like 'City eq Seattle or City eq Tacoma' but don't want to see separate values for each city, you

can specify 'RollUpBy=City' to see the results for Seattle and Tacoma rolled up into one timeseries.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StartTime <String>

The start time of the query.

It is a string in the format 'yyyy-MM-ddTHH:mm:ss.fffZ'.

If you have specified the endtime parameter, then this parameter is required.

If only starttime is specified, then endtime defaults to the current time.

If no time interval is specified, the default is 1 hour.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Top <Int32>

The maximum number of records to retrieve per resource ID in the request.

Valid only if filter is specified.

Defaults to 10.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-ResourceId <String[]>

The list of resource IDs to query metrics for.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

`-DefaultProfile <PSObject>`

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

`-Break [<SwitchParameter>]`

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

`-HttpPipelineAppend <SendAsyncStep[]>`

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

`-HttpPipelinePrepend <SendAsyncStep[]>`

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

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

-Confirm [<SwitchParameter>]

Required? false
Position? named
Default value
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.PowerShell.Cmdlets.Metric.Models.IMetricdataIdentity

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Metric.Models.IMetricResultsResponse

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

INPUTOBJECT <IMetricdataIdentity>: Identity Parameter

[Id <String>]: Resource identity path

[SubscriptionId <String>]: The subscription identifier for the resources in this batch.

----- EXAMPLE 1 -----

```
PS C:\>$endpoint = 'https://eastus.metrics.monitor.azure.com'
```

```
$start = "2023-12-06T07:00:00.000Z"
```

```
$end = "2023-12-06T08:00:00.000Z"
```

```
Get-AzMetricsBatch -Endpoint $endpoint -Name 'ingress','egress' -Namespace "Microsoft.Storage/storageAccounts"  
-EndTime $end -StartTime $start -ResourceId  
  
/subscriptions/9e223dbe-3399-4e19-88eb-0975f02ac87f/resourcegroups/joyer-monitor/providers/Microsoft.Storage/storage  
Accounts/psmetric01
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.monitor/get-azmetricsbatch>