



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

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

NAME

Add-AzMetricAlertRule

SYNOPSIS

Adds or updates a classic metric-based alert rule (already retired on public cloud). To create a new metric alert rule, use the Add-AzMetricAlertRuleV2

(./Add-AzMetricAlertRuleV2.md)cmdlet.

SYNTAX

```

Add-AzMetricAlertRule [-Action
<System.Collections.Generic.List`1[Microsoft.Azure.Management.Monitor.Management.Models.RuleAction]>]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description
<System.String>] [-DisableRule] -Location <System.String>
-MetricName <System.String> -Name <System.String> -Operator {GreaterThan | GreaterThanOrEqual | LessThan |
LessThanOrEqual} -ResourceGroupName <System.String>
-TargetResourceId <System.String> -Threshold <System.Double> -TimeAggregationOperator {Average | Minimum |
Maximum | Total | Last} -WindowSize <System.TimeSpan>
[-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Add-AzMetricAlertRule cmdlet adds or updates a metric-based alert rule. The added rule is associated with a resource group and has a name. This cmdlet implements

the ShouldProcess pattern, i.e. it might request confirmation from the user before actually creating, modifying, or removing the resource.

PARAMETERS

-Action <System.Collections.Generic.List`1[Microsoft.Azure.Management.Monitor.Management.Models.RuleAction]>

Specifies a comma-separated list of actions.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

-Description <System.String>

Specifies a description of the rule.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DisableRule <System.Management.Automation.SwitchParameter>

Disables the rule. If you do not specify this parameter, the rule is enabled.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Location <System.String>

Specifies the location where the rule is defined.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-MetricName <System.String>

Specifies the name of the metric the rule is monitoring. Specify this parameter only for metric-based rules.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the rule.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Operator <Microsoft.Azure.Management.Monitor.Management.Models.ConditionOperator>

Specifies the relational operator for the condition of the rule. The acceptable values for this parameter are: -

GreaterThan

- GreaterThanOrEqual

- LessThan

- LessThanOrEqual

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group for the rule.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-TargetResourceId <System.String>

Specifies the ID of the resource the rule is monitoring. NOTE: This property cannot be updated for an existing alert rule.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Threshold <System.Double>

Specifies the threshold of the rule.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-TimeAggregationOperator

<System.Nullable`1[Microsoft.Azure.Management.Monitor.Management.Models.TimeAggregationOperator]>

Specifies the aggregation operator to apply to the time window when the rule is being evaluated.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-WindowSize <System.TimeSpan>

Specifies the time window size for the rule to compute its data.

Required? true
Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.TimeSpan

System.Double

System.String

System.Nullable`1[[Microsoft.Azure.Management.Monitor.Management.Models.TimeAggregationOperator,
Microsoft.Azure.PowerShell.Cmdlets.Monitor, Version=1.0.0.0,
Culture=neutral, PublicKeyToken=null]]

System.Management.Automation.SwitchParameter

System.Collections.Generic.List`1[[Microsoft.Azure.Management.Monitor.Management.Models.RuleAction,
Microsoft.Azure.PowerShell.Cmdlets.Monitor, Version=1.0.0.0,
Culture=neutral, PublicKeyToken=null]]

OUTPUTS

Microsoft.Azure.Commands.Insights.OutputClasses.PSAddAlertRuleOperationResponse

NOTES

```
Add-AzMetricAlertRule -Name "metricRule5" -Location "East US" -ResourceGroup "Default-Web-EastUS" -Operator
GreaterThan -Threshold 2 -WindowSize 00:05:00 -MetricName
"Requests" -Description "Pura Vida" -TimeAggregationOperator Total
```

RequestId	StatusCode
-----	-----
33574ccf-0b01-43b4-aa97-87e6bbcf1c11	Created

This command creates a metric alert rule for a website.

----- Example 2: Disable a rule -----

```
Add-AzMetricAlertRule -Name "metricRule5" -Location "East US" -ResourceGroup Default-Web-EastUS -Operator
GreaterThan -Threshold 2 -WindowSize 00:05:00 -MetricName
"Requests" -TimeAggregationOperator Total
```

RequestId	StatusCode
-----	-----
96c489f1-8529-46e1-a76d-2c1463ca3116	OK

This command disables a rule. If the rule does not exist, it creates it disabled. If the rule exists, then it just disables it.

----- Example 3: Add a rule with actions -----

```
Add-AzMetricAlertRule -Name "metricRule5" -Location "East US" -ResourceGroup "Default-Web-EastUS" -Operator
GreaterThan -Threshold 1 -TargetResourceId
"/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/microsoft.web/sites/
mywebsite" -MetricName "Requests"
-TimeAggregationOperator Total
```

RequestId

StatusCode

9a5bc388-c7ac-4dc6-aa70-f4bc29c2c712

OK

This command creates a metric alert rule for a website.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.monitor/add-azmetricalertrule>

Add-AzWebtestAlertRule

Get-AzAlertHistory

Get-AzAlertRule

New-AzAlertRuleEmail

New-AzAlertRuleWebhook

Remove-AzAlertRule