



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

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

NAME

New-AzScheduledQueryRule

SYNOPSIS

Creates or updates a scheduled query rule.

SYNTAX

```
New-AzScheduledQueryRule -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location
<String> [-ActionCustomProperty <Hashtable>]
[-ActionGroupResourceId <String[]>] [-AutoMitigate] [-CheckWorkspaceAlertsStorageConfigured] [-CriterionAllOf
<ICondition[]>] [-Description <String>] [-DisplayName
<String>] [-Enabled] [-EvaluationFrequency <TimeSpan>] [-Kind <Kind>] [-MuteActionsDuration <TimeSpan>]
[-OverrideQueryTimeRange <TimeSpan>] [-Scope <String[]>]
[-Severity <Int64>] [-SkipQueryValidation] [-Tag <Hashtable>] [-TargetResourceType <String[]>] [-WindowSize
<TimeSpan>] [-DefaultProfile <PSObject>] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials]
[-WhatIf] [-Confirm] [<CommonParameters>]
```

DESCRIPTION

Creates or updates a scheduled query rule.

PARAMETERS

-Name <String>

The name of the rule.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The geo-location where the resource lives

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ActionCustomProperty <Hashtable>

The properties of an alert payload.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ActionGroupResourceId <String[]>

Action Group resource Ids to invoke when the alert fires.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AutoMitigate [<SwitchParameter>]

The flag that indicates whether the alert should be automatically resolved or not.

The default is true.

Relevant only for rules of the kind LogAlert.

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

-CheckWorkspaceAlertsStorageConfigured [<SwitchParameter>]

The flag which indicates whether this scheduled query rule should be stored in the customer's storage.

The default is false.

Relevant only for rules of the kind LogAlert.

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

-CriterionAllOf <ICondition[]>

A list of conditions to evaluate against the specified scopes

To construct, see NOTES section for CRITERIONALLOF properties and create a hash table.

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

-Description <String>

The description of the scheduled query rule.

Required? false
Position? named
Default value

Accept pipeline input? false

Accept wildcard characters? false

-DisplayName <String>

The display name of the alert rule

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Enabled [<SwitchParameter>]

The flag which indicates whether this scheduled query rule is enabled.

Value should be true or false

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-EvaluationFrequency <TimeSpan>

How often the scheduled query rule is evaluated represented in ISO 8601 duration format.

Relevant and required only for rules of the kind LogAlert.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Kind <Kind>

Indicates the type of scheduled query rule.

The default is LogAlert.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-MuteActionsDuration <TimeSpan>

Mute actions for the chosen period of time (in ISO 8601 duration format) after the alert is fired.

Relevant only for rules of the kind LogAlert.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OverrideQueryTimeRange <TimeSpan>

If specified then overrides the query time range (default is WindowSize*NumberOfEvaluationPeriods).

Relevant only for rules of the kind LogAlert.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Scope <String[]>

The list of resource id's that this scheduled query rule is scoped to.

Required? false

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

-Severity <Int64>

Severity of the alert.
Should be an integer between [0-4].
Value of 0 is severest.
Relevant and required only for rules of the kind LogAlert.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-SkipQueryValidation [<SwitchParameter>]

The flag which indicates whether the provided query should be validated or not.
The default is false.
Relevant only for rules of the kind LogAlert.

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

-Tag <Hashtable>

Resource tags.

Required? false
Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetResourceType <String[]>

List of resource type of the target resource(s) on which the alert is created/updated.

For example if the scope is a resource group and targetResourceTypes is Microsoft.Compute/virtualMachines, then a different alert will be fired for each virtual

machine in the resource group which meet the alert criteria.

Relevant only for rules of the kind LogAlert

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-WindowSize <TimeSpan>

The period of time (in ISO 8601 duration format) on which the Alert query will be executed (bin size).

Relevant and required only for rules of the kind LogAlert.

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

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Monitor.ScheduledQueryRule.Models.Api20210801.IScheduledQueryRuleResource

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](#).

CRITERIONALLOF <ICondition[]>: A list of conditions to evaluate against the specified scopes

[Dimension <IDimension[]>]: List of Dimensions conditions

Name <String>: Name of the dimension

Operator <DimensionOperator>: Operator for dimension values

Value <String[]>: List of dimension values

[FailingPeriodMinFailingPeriodsToAlert <Int64?>]: The number of violations to trigger an alert. Should be smaller or equal to numberOfEvaluationPeriods. Default value is 1

[FailingPeriodNumberOfEvaluationPeriod <Int64?>]: The number of aggregated lookback points. The lookback time window is calculated based on the aggregation

granularity (windowSize) and the selected number of aggregated points. Default value is 1

[MetricMeasureColumn <String>]: The column containing the metric measure number. Relevant only for rules of the kind LogAlert.

[MetricName <String>]: The name of the metric to be sent. Relevant and required only for rules of the kind LogToMetric.

[Operator <ConditionOperator?>]: The criteria operator. Relevant and required only for rules of the kind LogAlert.

[Query <String>]: Log query alert

[ResourceIdColumn <String>]: The column containing the resource id. The content of the column must be a uri formatted as resource id. Relevant only for rules of the kind LogAlert.

[Threshold <Double?>]: the criteria threshold value that activates the alert. Relevant and required only for rules of the kind LogAlert.

[TimeAggregation <TimeAggregation?>]: Aggregation type. Relevant and required only for rules of the kind LogAlert.

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

```
PS C:\>$subscriptionId=(Get-AzContext).Subscription.Id

$dimension = New-AzScheduledQueryRuleDimensionObject -Name Computer -Operator Include -Value *
$condition=New-AzScheduledQueryRuleConditionObject -Dimension $dimension -Query "Perf | where ObjectName ==
`"Processor`" and CounterName == `"% Processor Time`" |
summarize AggregatedValue = avg(CounterValue) by bin(TimeGenerated, 5m), Computer" -TimeAggregation "Average"
-MetricMeasureColumn "AggregatedValue" -Operator
"GreaterThan" -Threshold "70" -FailingPeriodNumberOfEvaluationPeriod 1 -FailingPeriodMinFailingPeriodsToAlert 1
New-AzScheduledQueryRule -Name test-rule -ResourceGroupName test-group -Location eastus -DisplayName test-rule
-Scope
"/subscriptions/$subscriptionId/resourceGroups/test-group/providers/Microsoft.Compute/virtualMachines/test-vm"
```

-Severity 4 -WindowSize

([System.TimeSpan]::New(0,10,0)) -EvaluationFrequency ([System.TimeSpan]::New(0,5,0)) -CriterionAllOf \$condition

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.monitor/new-azscheduledqueryrule>