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

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

NAME

Get-AzAlertHistory

SYNOPSIS

Gets the history of classic alert rules.

SYNTAX

Get-AzAlertHistory [-Caller <System.String>] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DetailedOutput] [-EndTime <System.Nullable`1[System.DateTime]>] [-ResourceId <System.String>] [-StartTime <System.Nullable`1[System.DateTime]>] [-Status <System.String>] [<CommonParameters>]

DESCRIPTION

The Get-AzAlertHistory cmdlet gets the history of classic alert rules as they are enabled, disabled, fired, resolved, and so on.

PARAMETERS

-Caller <System.String>

Specifies the caller.

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

-DetailedOutput <System.Management.Automation.SwitchParameter>

Displays full details in the output.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

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

Specifies the end time of the query in local time. The default is the current time.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceId <System.String>

Specifies the resource ID the rule is associated with.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

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

Specifies the start time of the query in local time. The default is the current local time minus one hour.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Status <System.String>

Specifies the status.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

System.String

System.Nullable`1[[System.DateTime, System.Private.CoreLib, Version=4.0.0.0, Culture=neutral, PublicKeyToken=7cec85d7bea7798e]]

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.Insights.OutputClasses.PSEventData

NOTES

--------------- Example 1: Get the alert history ---------------

```
Get-AzAlertHistory -StartTime 2015-02-11T11:00:00 -EndTime 2015-02-11T12:00:00 -DetailedOutput

Authorization        :
Caller               : Microsoft.Insights/alertRules
Claims               :
```

http://schemas.xmlsoap.org/ws/2005/05/identity/claims/spn: Microsoft.Insights/alertRules

CorrelationId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV

2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMz

Bj

LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzg4ODU3OTI5OTI2

Description : 'CpuTime GreaterThan 3 ([Count]) in the last 5 minutes' has been resolved for Website:

garyyang1 (Default-Web-EastUS)

EventDataId : 769fab1c-fc9f-4e18-bc3a-fa79fbdd3616

EventName : Alert

EventSource : Microsoft.Insights/alertrules

EventTimestamp : 2/11/2015 7:14:45 PM

HttpRequest :

Id : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/events/769fab1c-fc

9f-4e18-bc3a-fa79fbdd3616/ticks/635592788857929926

Level : Informational

OperationId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV

2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMz

Bj

LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzg4ODU3OTI5OTI2

OperationName : ResolveAlert

Properties :

RuleUri : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleName : checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleDescription:

Threshold : 3

WindowSizeInMinutes: 5

Aggregation : Total

Operator : GreaterThan

MetricName : CpuTime

MetricUnit : Count

ResourceGroupName : Default-Web-EastUS

ResourceProviderName : Microsoft.Insights

ResourceId : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

Status : Resolved

SubmissionTimestamp : 2/11/2015 7:14:45 PM

SubscriptionId : b93fb07a-6f93-30be-bf3e-4f0deca15f4f

SubStatus :

Authorization :

Caller : Microsoft.Insights/alertRules

Claims :

http://schemas.xmlsoap.org/ws/2005/05/identity/claims/spn: Microsoft.Insights/alertRules

CorrelationId : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMzBj

LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzgyODY1MDU5NTE0

Description : 'CpuTime GreaterThan 3 ([Count]) in the last 5 minutes' was activated for Website: garyyang1 (Default-Web-EastUS)

EventDataId : 66277c94-2097-4f5f-860d-e585f1206cd7

EventName : Alert

EventSource : Microsoft.Insights/alertrules

EventTimestamp : 2/11/2015 7:04:46 PM

HttpRequest :

Id : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/microsoft.web/sites/garyyang1/events/66277c94-2097-4f5f-860d-e585f1206cd7/ticks/635592782865059514

Level : Error

OperationId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMzBj

LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzgyODY1MDU5NTE0

OperationName : ActivateAlert

Properties :

RuleUri : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleName : checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleDescription:

Threshold : 3

WindowSizeInMinutes: 5

Aggregation : Total

Operator : GreaterThan

MetricName : CpuTime

MetricUnit : Count

ResourceGroupName : Default-Web-EastUS

ResourceProviderName : microsoft.web

ResourceId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

microsoft.web/sites/garyyang1

Status : Activated

SubmissionTimestamp : 2/11/2015 7:04:46 PM

SubscriptionId : b93fb07a-6f93-30be-bf3e-4f0deca15f4f

SubStatus :

Authorization :

Caller : Microsoft.Insights/alertRules

Claims :

http://schemas.xmlsoap.org/ws/2005/05/identity/claims/spn: Microsoft.Insights/alertRules

CorrelationId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV
2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMz
Bj

LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzgyODY1MDU5NTE0

Description : 'CpuTime GreaterThan 3 ([Count]) in the last 5 minutes' was activated for Website: garyyang1 (Default-Web-EastUS)

EventDataId : ec9f7b3c-c6ea-4b45-bd15-ff43e38491e3

EventName : Alert

EventSource : Microsoft.Insights/alertrules

EventTimestamp : 2/11/2015 7:04:46 PM

HttpRequest :

Id : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/events/ec9f7b3c-c6 ea-4b45-bd15-ff43e38491e3/ticks/635592782865059514

Level : Error

OperationId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV

2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMz

Bj

LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzgyODY1MDU5NTE0

OperationName : ActivateAlert

Properties :

RuleUri : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-

EastUS/providers/Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleName : checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleDescription:

Threshold : 3

WindowSizeInMinutes: 5

Aggregation : Total

Operator : GreaterThan

MetricName : CpuTime

MetricUnit : Count

ResourceGroupName : Default-Web-EastUS

ResourceProviderName : Microsoft.Insights

ResourceId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

Status : Activated

SubmissionTimestamp : 2/11/2015 7:04:46 PM

SubscriptionId : b93fb07a-6f93-30be-bf3e-4f0deca15f4f

SubStatus :

This command gets the alert history for the specified time frame for the current subscription.

---- Example 2: Get alert history for a specified resource ----

Get-AzAlertHistory -StartTime 2015-02-11T11:00:00 -EndTime 2015-02-11T12:00:00 -ResourceId "/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-
Web-EastUS/providers/Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d" -DetailedOutput

Authorization :
Caller : Microsoft.Insights/alertRules
Claims :
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/spn: Microsoft.Insights/alertRules
CorrelationId :
/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/
Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV
2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMz
Bj
LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzg4ODU3OTI5OTI2
Description : 'CpuTime GreaterThan 3 ([Count]) in the last 5 minutes' has been resolved for Website:
garyyang1 (Default-Web-EastUS)
EventDataId : 769fab1c-fc9f-4e18-bc3a-fa79fbdd3616
EventName : Alert
EventSource : Microsoft.Insights/alertrules
EventTimestamp : 2/11/2015 7:14:45 PM
HttpRequest :
Id : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/events/769fab1c-fc
9f-4e18-bc3a-fa79fbdd3616/ticks/635592788857929926

Level : Informational

OperationId :
/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/
Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV
2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMz
Bj

LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzg4ODU3OTI5OTI2

OperationName : ResolveAlert

Properties :

RuleUri : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-
EastUS/providers/Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleName : checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleDescription:

Threshold : 3

WindowSizeInMinutes: 5

Aggregation : Total

Operator : GreaterThan

MetricName : CpuTime

MetricUnit : Count

ResourceGroupName : Default-Web-EastUS

ResourceProviderName : Microsoft.Insights

ResourceId :
/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/
Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

Status : Resolved

SubmissionTimestamp : 2/11/2015 7:14:45 PM

SubscriptionId : b93fb07a-6f93-30be-bf3e-4f0deca15f4f

SubStatus :

Authorization :

Caller : Microsoft.Insights/alertRules

Claims :

http://schemas.xmlsoap.org/ws/2005/05/identity/claims/spn: Microsoft.Insights/alertRules

CorrelationId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV

2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMz

Bj

LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzgyODY1MDU5NTE0

Description : 'CpuTime GreaterThan 3 ([Count]) in the last 5 minutes' was activated for Website: garyyang1

(Default-Web-EastUS)

EventDataId : ec9f7b3c-c6ea-4b45-bd15-ff43e38491e3

EventName : Alert

EventSource : Microsoft.Insights/alertrules

EventTimestamp : 2/11/2015 7:04:46 PM

HttpRequest :

Id : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/events/ec9f7b3c-c6

ea-4b45-bd15-ff43e38491e3/ticks/635592782865059514

Level : Error

OperationId :

/subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/

Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d/incidents/L3N1YnNj

cmlwdGlvbnMvYTkzZmIwN2MtNmM5My00MGJlLWJmM2ItNGYwZGViYTEwZjRiL3Jlc291cmNlR3JvdXBzL0RlZmF1bHQtV

2Vi

LUVhc3RVUy9wcm92aWRlcnMvbWljcm9zb2Z0Lmluc2lnaHRzL2FsZXJ0cnVsZXMvY2hlY2tydWxlMy00YjEzNTQwMS1hMz
Bj
LTQyMjQtYWUyMS1mYTUzYTViZDI1M2QwNjM1NTkyNzgyODY1MDU5NTE0

OperationName : ActivateAlert

Properties :

RuleUri : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleName : checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

RuleDescription:

Threshold : 3

WindowSizeInMinutes: 5

Aggregation : Total

Operator : GreaterThan

MetricName : CpuTime

MetricUnit : Count

ResourceGroupName : Default-Web-EastUS

ResourceProviderName : Microsoft.Insights

ResourceId : /subscriptions/b93fb07a-6f93-30be-bf3e-4f0deca15f4f/resourceGroups/Default-Web-EastUS/providers/Microsoft.Insights/alertrules/checkrule3-4b135401-a30c-4224-ae21-fa53a5bd253d

Status : Activated

SubmissionTimestamp : 2/11/2015 7:04:46 PM

SubscriptionId : b93fb07a-6f93-30be-bf3e-4f0deca15f4f

SubStatus :

This command gets the alert rule-related events for a specified resource.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.monitor/get-azalerthistory

Add-AzMetricAlertRule

Add-AzWebtestAlertRule

Get-AzAlertRule

Remove-AzAlertRule