Get Alert Rules and Incidents

Last updated by | Balaji Barmavat | Nov 30, 2020 at 11:07 PM PST

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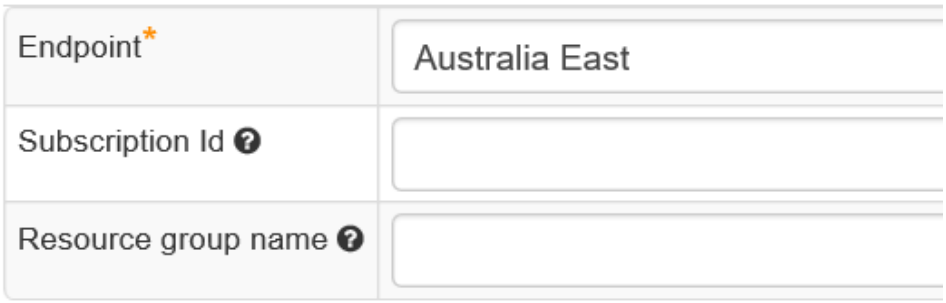
Using Jarvis to get alert rules configurations:

1. Browse to https://jarvis-west.dc.ad.msft.net > Public
2. Go to the path **MonitoringService** > **Get alerts rules and incidents** > **00 - Get alert rules by subscription id**;

Or MonitoringService > Get alerts rules and incidents > 01 - Get alert incidents by subscription id

3. Select Endpoint region and insert subscription id(, resource group):



4. Search for **Microsoft.Sql** or the database full resource id on result:

5. Sample JSON output:


```
{

"id": "/subscriptions/*SubscriptionId*/resourceGroups/v-victmo/providers/microsoft.insights/alertrules/test",

"name": "test",

"type": "Microsoft.Insights/alertRules",

"location": "northeurope",

"tags": {

        "$type": "Microsoft.WindowsAzure.Management.Common.Storage.CasePreservedDictionary,
        Microsoft.WindowsAzure.Management.Common.Storage",

        "hidden-link:/subscriptions/*SubscriptionId*/resourceGroups/v-
        victmo/providers/Microsoft.Sql/servers/vsqleunorth/databases/AdventureWorksLT": "Resource"

},

"properties": {

        "name": "test",

        "description": "123",

        "isEnabled": false,

        "condition": {

            "$type":
            "Microsoft.WindowsAzure.Management.Monitoring.Alerts.Models.ThresholdRuleCondition,
            Microsoft.WindowsAzure.Management.Mon.Client",

            "odata.type": "Microsoft.Azure.Management.Insights.Models.ThresholdRuleCondition",

            "dataSource": {
```

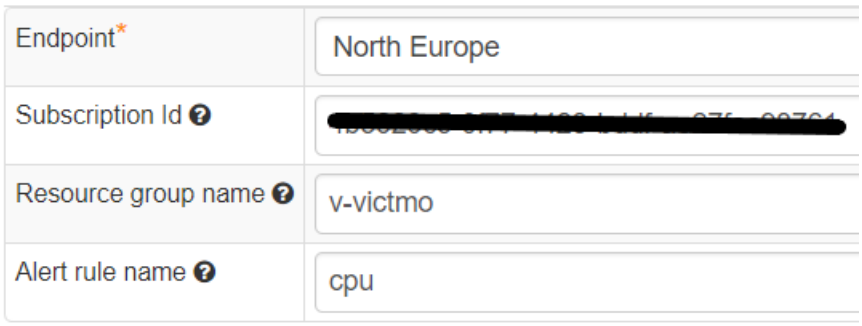
```
                    "$type":
                    "Microsoft.WindowsAzure.Management.Monitoring.Alerts.Models.RuleMetricDataSource,
                    Microsoft.WindowsAzure.Management.Mon.Client",

                    "odata.type": "Microsoft.Azure.Management.Insights.Models.RuleMetricDataSource",

                    "resourceUri": "/subscriptions/*SubscriptionId*/resourceGroups/v-
                    victmo/providers/Microsoft.Sql/servers/vsqleunorth/databases/AdventureWorksLT",

                    "resourceLocation": null,

                    "metricNamespace": null,

                    "metricName": "connection_successful",

                    "legacyResourceId": null

                },

                "operator": "GreaterThan",

                "threshold": 1,

                "windowSize": "PT5M",

                "timeAggregation": "Total"

},

"action": {

            "$type": "Microsoft.WindowsAzure.Management.Monitoring.Alerts.Models.RuleEmailAction,
            Microsoft.WindowsAzure.Management.Mon.Client",

            "odata.type": "Microsoft.Azure.Management.Insights.Models.RuleEmailAction",

            "sendToServiceOwners": true,

            "customEmails": [

            "mmoreno.victor@gmail.com"

            ]

},

"lastUpdatedTime": "2018-01-09T17:28:30.9320812Z",

"provisioningState": "Succeeded",

"actions": []

}
```

}

Using Jarvis to get alert incidents:

1. Go to the path **MonitoringService** > **Get alerts rules and incidents** > **03 - Get alert incidents by alert rule name**

2. Select Endpoint region and insert subscription id, resource group name and alert rule name:



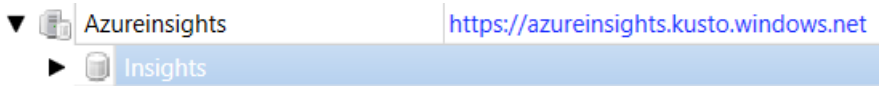
3. Sample JSON output:

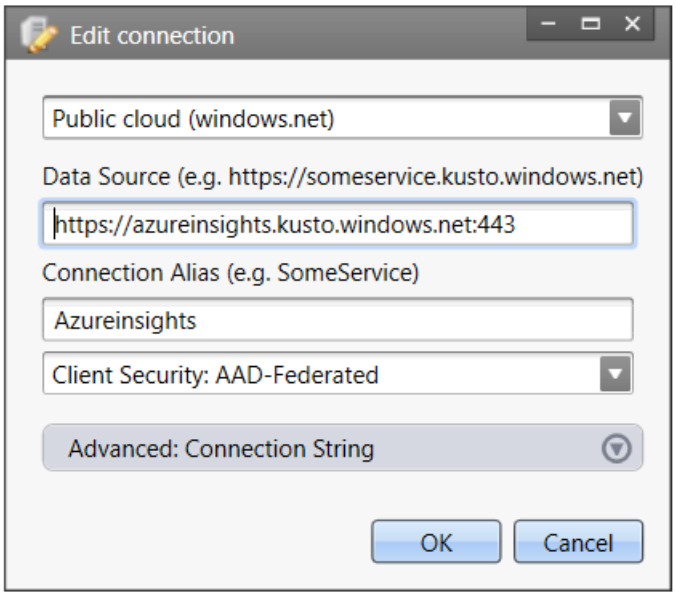

```
{

"value": [

        {

            "id":
            "L3N1YnNjcmlwdGlvbnMvNGI1MDI5YzUtMGY3Ny00NDI4LWJkZGYtYWUyN2ZhYzk4NzYxL3Jlc2
            91cmNlR3JvdXBzL3YtdmljdG1vL3Byb3ZpZGVycy9taWNyb3NvZnQuaW5zaWdodHMvYWxlcnRy
            dWxlcy9jcHUwNjM2NTExMTUyOTg5Nzc0OTU0",

            "ruleName": "/subscriptions/*SubscriptionId*/resourceGroups/v-
            victmo/providers/microsoft.insights/alertrules/cpu",

            "isActive": true,

            "activatedTime": "2018-01-09T17:21:38.9774954+00:00",

            "resolvedTime": null,

            "targetResourceId": null,

            "targetResourceLocation": null,

            "legacyResourceId": null

        }

]
```

```
}
```

Using Kusto to get the alert jobs and emails sent:

1. Go to http://idweb and join security group: **Insight Kusto Users**.
2. On Kusto, create a new tab for Azureinsights.Insights.





3. Queries:
   a. Get email action.

```
JobTraces
| where jobPartition contains "{SubscriptionId}"
| where jobId startswith "ALERT:"
| where message contains "Email"

| project TIMESTAMP , jobPartition , ActivityId , operationName , message , exception , jobId
```

   b. Get operations history from activity id retrieved from previous query.

```
JobTraces
| where ActivityId contains "{ActivityId}"
| project TIMESTAMP , jobPartition , ActivityId , operationName , message , exception , jobId
```

Using PowerShell from customer side to get alerts and incidents:

1. Alerts:

```
Get-AzureRmResource -ResourceGroupName "ResourceGroupName" -ResourceType
microsoft.insights/alertrules
```

```
Get-AzureRmResource -ResourceGroupName "ResourceGroupName" -ResourceType
microsoft.insights/alertrules -ResourceName "ResourceName" -ApiVersion 2016-03-01
```

2. Incidents:

```
Get-AzureRmResource -ResourceGroupName "ResourceGroupName" -ResourceType
microsoft.insights/alertrules/incidents -ResourceName "ResourceName" -ApiVersion 2016-03-01
```

```
Get-AzureRmResource -ResourceGroupName "ResourceGroupName" -ResourceType
microsoft.insights/alertrules/incidents -ResourceName "ResourceName/IncidentId" -ApiVersion 2016-03-01
```

How good have you found this content?