

Create alert rule based on metric

The screenshot shows the 'Create an alert rule' wizard in the Microsoft Azure portal. The 'Scope' tab is active, and the 'Select a resource' dialog is open. The dialog shows a list of resources, with 'VM1' selected. The 'Selected resources' section shows '1 virtual machine'.

Resource	Resource type	Location
Manohar Subscription	Subscription	-
azureciid	Resource group	-
azurewebapp10010_group	Resource group	-
DefaultResourceGroup-CIN	Resource group	-
Demo-RG	Resource group	-
app-set-Autoscale-243	Autoscale Setting	Central India
ASP-DemoRG-87da-Autoscale-685	Autoscale Setting	Central India
notfyadmins	Action group	Global
VM1	Virtual machine	Central India

Alert based on cpu percentage

The screenshot shows the 'Create an alert rule' wizard in the Microsoft Azure portal. The 'Condition' tab is active, and the 'Alert logic' section is configured. The 'Signal name' is 'Percentage CPU'. The 'Alert logic' section shows 'Static' threshold type, 'Average' aggregation type, 'Greater than' value is, and '80' threshold. The 'When to evaluate' section shows 'Check every 1 minute'. A 'Preview' section shows a line graph of CPU usage over the last 6 hours.

Alert logic

1 We have set the condition configuration automatically based on popular settings for this metric. Please review and make changes as needed.

Threshold type: ☒ Static ☐ Dynamic

Aggregation type:

Value is:

Threshold: %

When to evaluate

Check every:

Preview

Whenever the average Percentage CPU is greater than 80%

Preview time range: Time series:

The preview graph shows CPU usage over the last 6 hours, with a peak around 80%.

Add another condition

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Create an alert rule

See all signals

Alert logic

We have set the condition configuration automatically based on popular settings for this metric. Please review and make changes as needed.

Threshold type

Static

Dynamic

Aggregation type

Average

Value is

Greater than

Threshold *

80

 %

When to evaluate

Check every

1 minute

Lookback period

5 minutes

+ Add condition

Review + create

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Preview

\$0.10 USD/month

Whenever the average Percentage CPU is greater than 80%

Preview time range : Over the last 6 hours

Time series : Aggregate

Percentage CPU (Avg.) vm1 : 18.25%

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Create an alert rule

Scope

Condition

Actions

Details

Tags

Review + create

Configure when the alert rule should trigger by selecting a signal and defining its logic.

Condition 1

Whenever the average Percentage CPU is greater than 80%

\$0.10 USD/month

Condition 2

Signal name *

Network In Total

See all signals

Alert logic

We have set the condition configuration automatically based on popular settings for this metric. Please review and make changes as needed.

Threshold type

Static

Dynamic

We currently support alert rules with Dynamic Thresholds condition as a single criteria

Aggregation type

Total

Value is

Greater than

Preview

\$0.10 USD/month

Whenever the total Network In Total is greater than 50000000000 Bytes

Preview time range : Over the last 6 hours

Time series : Aggregate

465.85GB
372.53GB

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Create an alert rule

Scope **Condition** Actions Details Tags Review + create

Configure when the alert rule should trigger by selecting a signal and defining its logic.

Condition 1

Whenever the average Percentage CPU is greater than 80%

\$0.10 USD/month

Condition 2

Whenever the total Network In Total is greater than 50000000000 Bytes

\$0.10 USD/month

+ Add condition

Review + create

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Next: Actions >

I want to see if I can add another condition based on activity log

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Create an alert rule

Scope **Condition** Actions Details Tags Review + create

Configure when the alert rule should trigger by selecting a signal and defining its logic.

Condition 1

Whenever the average Percentage CPU is greater than 80%

\$0.10 USD/month

Condition 2

Whenever the total Network In Total is greater than 50000000000 Bytes

\$0.10 USD/month

Condition 3

Signal name < Select a signal

[See all signals](#)

+ Add condition

Review + create

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Select a signal

Search by signal name

Signal type: All Signal source: All

☐ All

☒ Metrics

Available Memory Bytes (Preview) Platform metrics

CPU Credits Consumed Platform metrics

CPU Credits Remaining Platform metrics

Data Disk Bandwidth Consumed Percentage Platform metrics

Data Disk IOPS Consumed Percentage Platform metrics

Data Disk Latency (Preview) Platform metrics

Data Disk Max Burst Bandwidth Platform metrics

Data Disk Max Burst IOPS Platform metrics

Data Disk Queue Depth Platform metrics

Data Disk Read Bytes/Sec Platform metrics

Apply

Cancel

I am not getting activity log option in signal type it means if we want to create the alert rule based on activity log we need to create a new alert rule. But we can add multiple conditions based on metrics and create the alert rule

I will now delete the metric conditions and create alert rule based on activity log.

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Create an alert rule

Scope **Condition** Actions Details Tags Review + create

Configure when the alert rule should trigger by selecting a signal and defining its logic.

Signal name * [See all signals](#)
The value must not be empty.

Select a signal

Signal type: Activity log Signal source: All

Signal name	Signal source
Activity log	
<input checked="" type="checkbox"/> All Administrative operations	Administrative
<input checked="" type="checkbox"/> Assess virtual machine for available OS update patches (Virtual Machines)	Administrative
<input checked="" type="checkbox"/> Attach Detach data disks to a Virtual Machine (Virtual Machines)	Administrative
<input checked="" type="checkbox"/> Cancel install OS update patch operation on virtual machine (Virtual Machines)	Administrative
<input checked="" type="checkbox"/> Capture Virtual Machine (Virtual Machines)	Administrative
<input checked="" type="checkbox"/> Convert Virtual Machine disks to Managed Disks (Virtual Machines)	Administrative
<input checked="" type="checkbox"/> Create or Update Virtual Machine (Virtual Machines)	Administrative
<input checked="" type="checkbox"/> Deallocate Virtual Machine (Virtual Machines)	Administrative
<input checked="" type="checkbox"/> Delete Virtual Machine (Virtual Machines)	Administrative
<input checked="" type="checkbox"/> Deletes PreservedOSDisk on the Virtual Machine. (Virtual Machines)	Administrative

[Review + create](#) [Previous](#) [Next: Actions >](#) [Apply](#) [Cancel](#)

I am now unable to add any other condition which means if I need to add another condition I will have to create a new alert rule.

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Create an alert rule

activityLogHistoryBarSeries

2
1.5
1
0.5
0

10 AM 10:30 AM 11 AM 11:30 AM 12 PM 12:30 PM 1 PM 1:30 PM 2 PM 2:30 PM

[View events in Azure Monitor - Activity Log](#)

Alert logic

Event Level Status Event initiated by [Add event initiator](#)

Condition preview

Whenever the Activity Log has an event with Category='Administrative', Signal name='Deallocate Virtual Machine (Virtual Machines)'

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