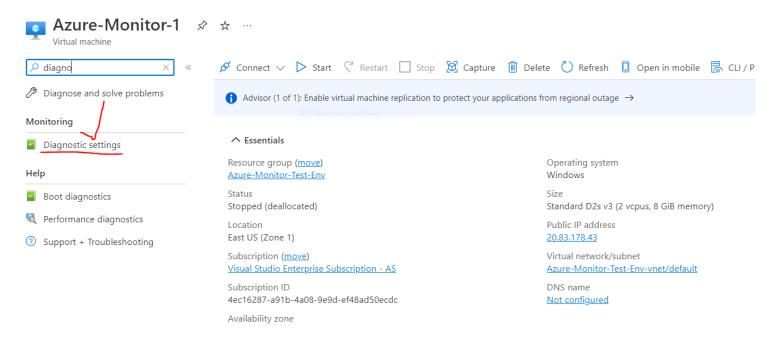
# **Azure Monitoring alerts setup**

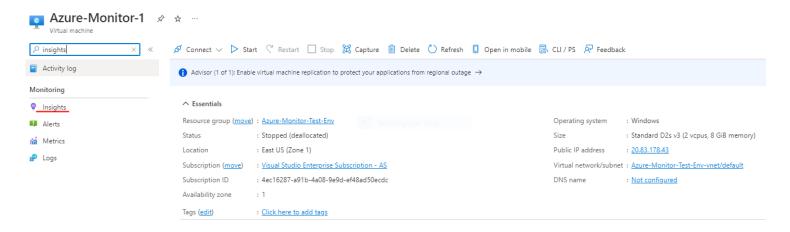
Last updated by | Kondareddy Duggireddy | Jun 15, 2022 at 9:32 PM GMT+5:30

First, Create a Virtual Machine(VM) i.e Winodws or Linux.

To monitor CPU and Memory, need to enable Diagnostic settings in Virtual machine.

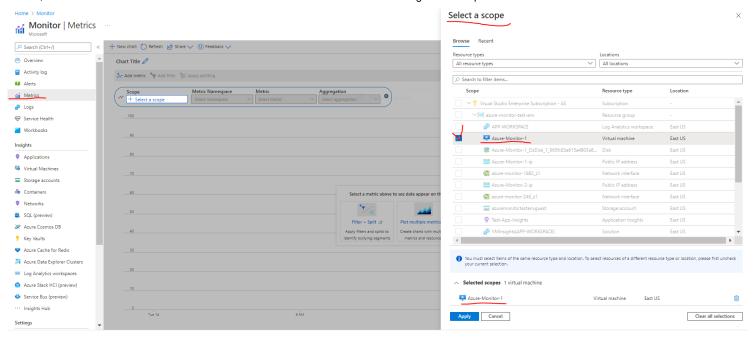


To monitor Diskspace, need to enable Insights in Virtual Machine.



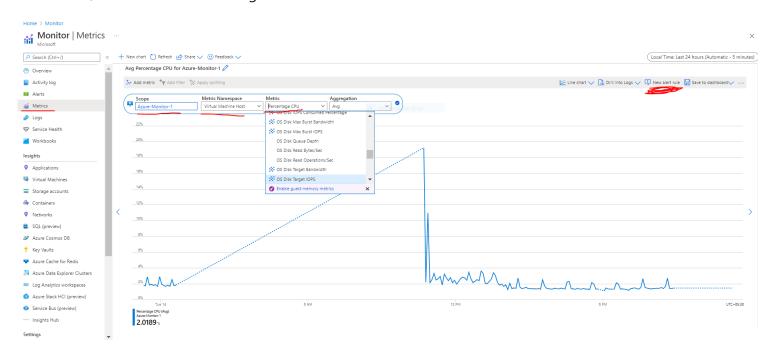
Goto --> Azure Console --> Monitor --> Metrics

Click on Metrics --> Select a scope --> Select Particular Resource, in this case has selected Virtual Machine i.e Azure-Monitor-1 then apply



Then Select the whichever Metric want to create Alert.

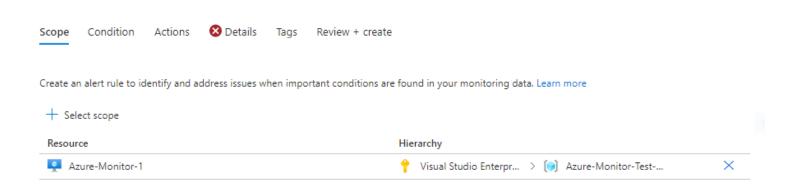
In this case, have selected Percentage CPU then create an alert.



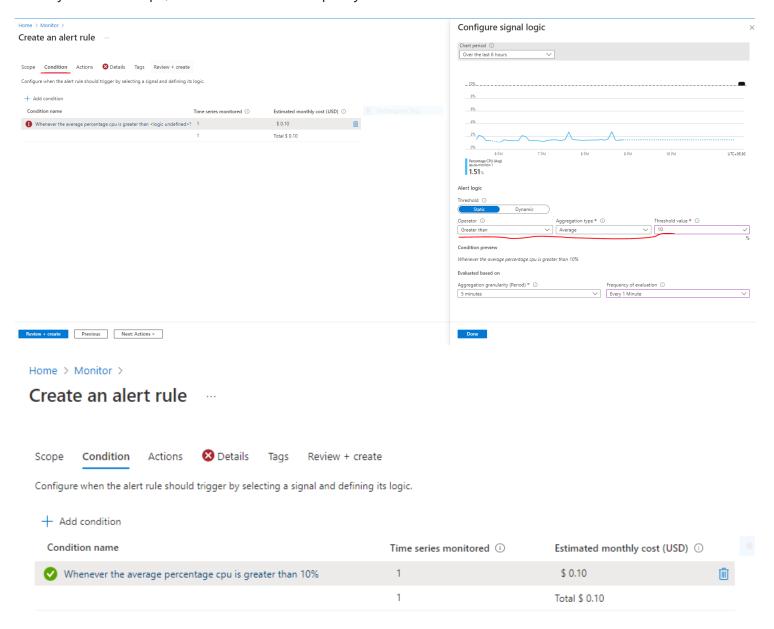
Once click on create new alert, see like below.

Home > Monitor >

#### Create an alert rule --



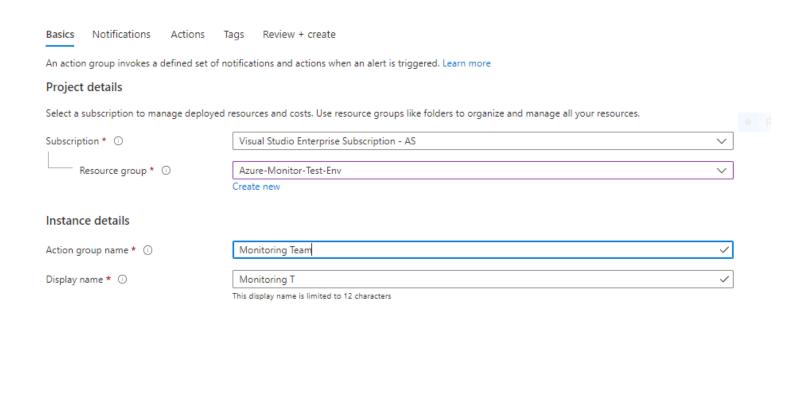
Already selected scope, select condition then specify the condition and done.

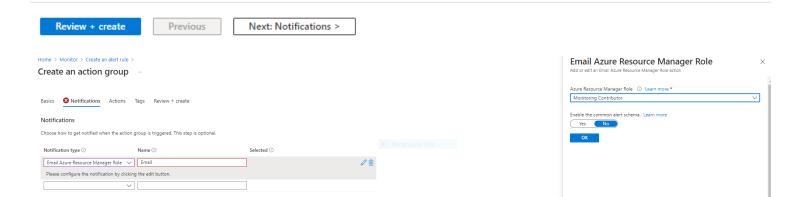


#### Next, Specify the Action group:

Home > Monitor > Create an alert rule >

#### Create an action group



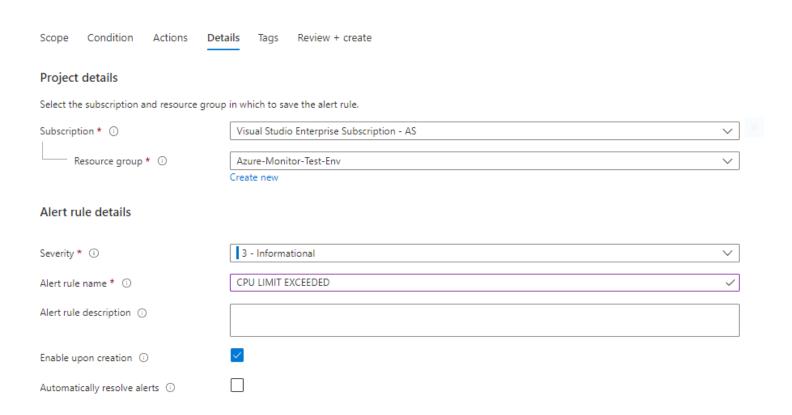


then actions, we can ignore as of now --> tags --> Review and create.

Then mention the details of Alert i.e Alert name and Description.

Home > Monitor >

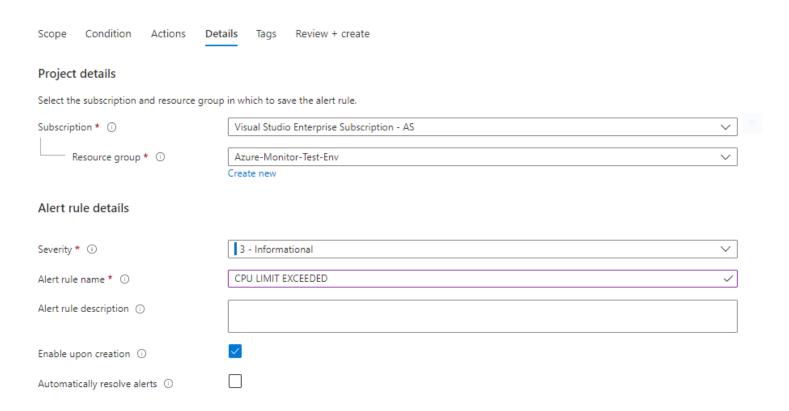
#### Create an alert rule



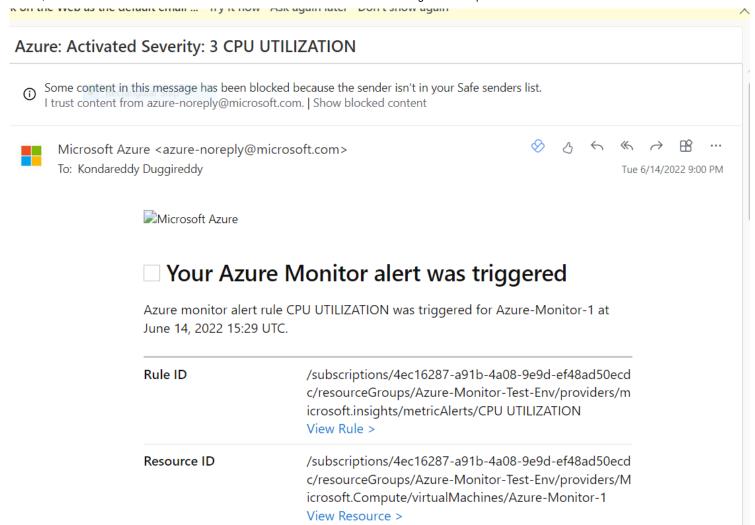
Select the tags if you have any then review and create.

Home > Monitor >

#### Create an alert rule



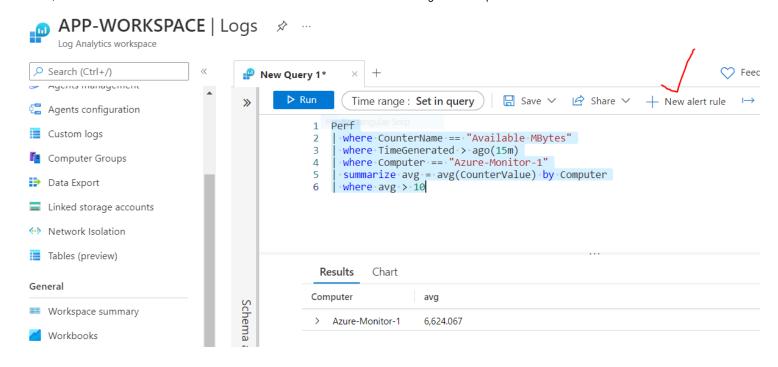
Once alert get created, after sometime trigger alerts when CPU Threshold limit exceeded.



#### **How to set Memory Exceeded alert:**

Goto --> Log analytics workspace --> select Logs --> paste below Memory Query.

Perf | where CounterName == "Available MBytes" | where TimeGenerated > ago(15m) | where Computer == "Azure-Monitor-1" | summarize avg = avg(CounterValue) by Computer | where avg > 10

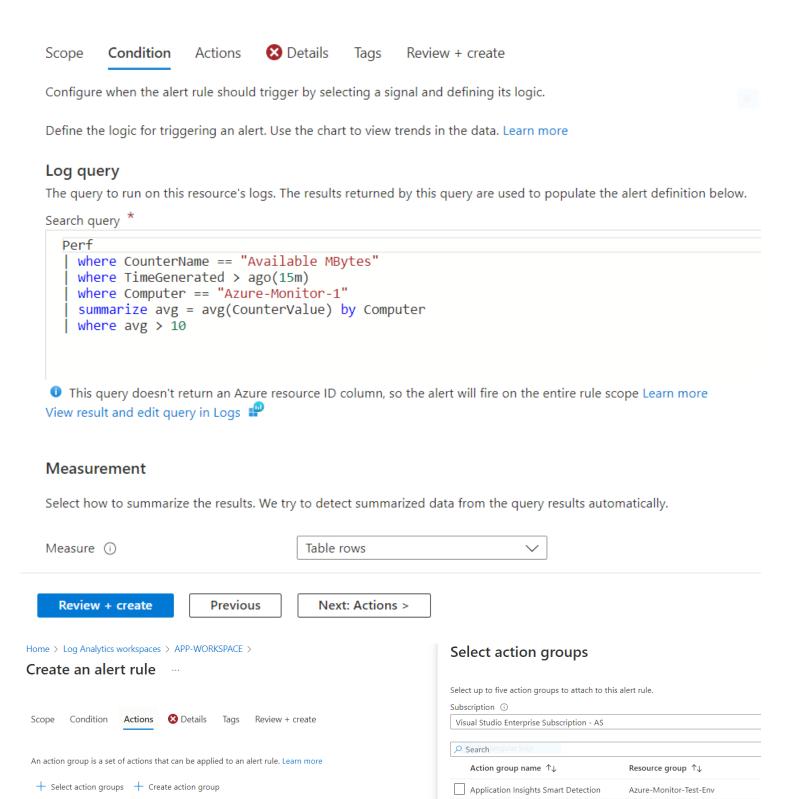


Action group name

No action group selected yet

Home > Log Analytics workspaces > APP-WORKSPACE >

### Create an alert rule ...



Contains actions

Monitoring Team

✓ Network-Alert

Azure-Monitor-Test-Env

Azure-Monitor-Test-Env

Home > Log Analytics workspaces > APP-WORKSPACE >

## Create an alert rule ...

Scope Condition Actions Details Tags Review + create **Project details** Select the subscription and resource group in which to save the alert rule. Subscription \* (i) Visual Studio Enterprise Subscription - AS Resource group \* (i) Azure-Monitor-Test-Env Create new Alert rule details Severity \* (i) 3 - Informational Alert rule name \* ① Memory Alert Alert rule description (1) Memory Alert Region \* ① East US Advanced options

Then, add tags if you need to add any and click on Review and Create.

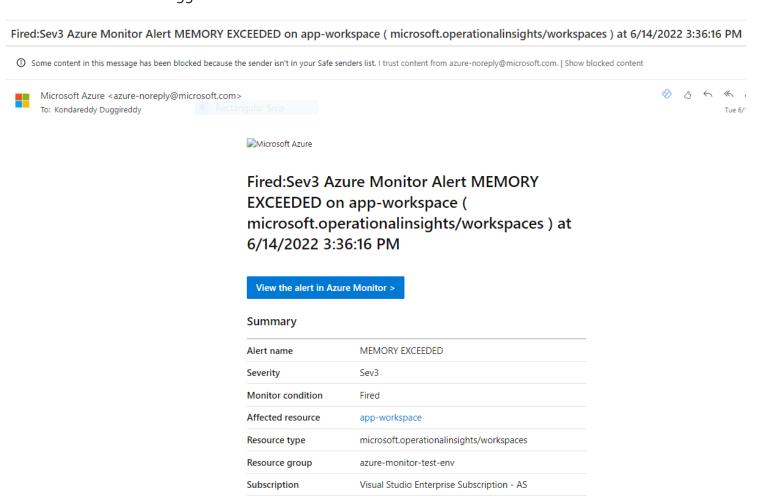
Previous

Finally, alert is get triggered.

Review + create

Next: Tags >

Below is the email alert triggered screenshot.



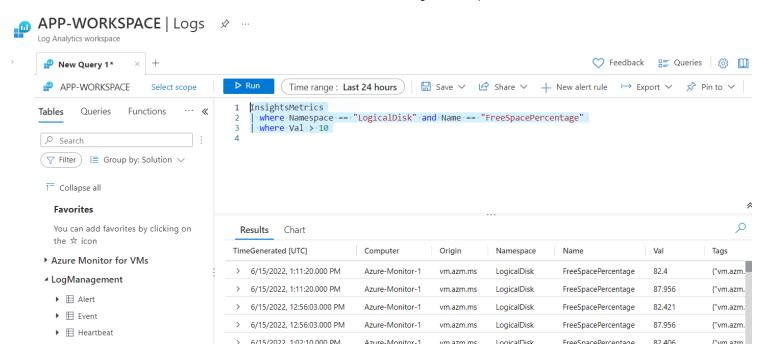
Log Alerts V2

#### **Diskspace utilization alert:**

However, we can set up Diskspace alert same way as Memory alert.

Monitoring service

Sample Query for DiskSpace:



Note: Not only these alerts we can customize any type of alerts depends upon the requirement.

#### **Create the Customize DashBoard:**

We can able to create different Metrics graphs in one place.

