**Nagios**

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It is a monitoring tool.

CPU Utilization, RAM utilization, Network band width

Create two AWS instances.

1st machine -- install nagios

2nd machine -- remote server which will be monitored.

In step 6: Add security group

Add 3 rules

-- Custom TCP -- Anywhere

-- HTTP -- Anywhere

-- Custom ICMP V4 -- Anywhere

1st machine name it as -- nagios\_server

2nd machine name it as - server1

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Installation of nagios

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Open gitbash connect to 1st server ( nagios\_server)

$ sudo apt-get update

$ sudo apt-get install nagios3

OK --- OK -- System mail name: ( Just OK )

Nagios administration password - abcd

To check nagios is installed or not?

Go to the AWS machine

select the public DNS and run it in chrome

ec2-13-233-253-72.ap-south-1.compute.amazonaws.com/nagios3

ec2-13-234-78-127.ap-south-1.compute.amazonaws.com/nagios3

default username - nagiosadmin

password - abcd

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select services

currently , we find only localhost

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TO add remote servers to Nagios

Go to gitbash

$ sudo vi /etc/nagios3/nagios.cfg

check\_external\_command= 1 ( line 145 )

:wq

$ sudo vi /etc/group

nagios:x:118:www.data ( line 58 )

$ sudo chmod g+w /var/lib/nagios3/rw

$ sudo chmod g+w /var/lib/nagios3

$ sudo service apache2 restart

$ sudo service nagios3 restart

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Configuring remote serves on nagios

$ cd /etc/nagios3/conf.d/

$ ls ( we can see the configuration files )

create a new file

$ sudo vim server1.cfg

( In google - adding server to nagios urban penguin)

URL -- https://www.theurbanpenguin.com/nagios-defining-a-new-host/

define host {

host\_name store.tup.local

alias store

address 192.168.0.8

max\_check\_attempts 3

check\_period 24x7

check\_command check-host-alive

contacts root

notification\_interval 60

notification\_period 24x7

}

change -- host\_name , alias , address ( private\_ip )

define host {

host\_name ec2-3-110-86-170.ap-south-1.compute.amazonaws.com

alias server1

address 172.31.45.149

max\_check\_attempts 3

check\_period 24x7

check\_command check-host-alive

contacts root

notification\_interval 60

notification\_period 24x7

}

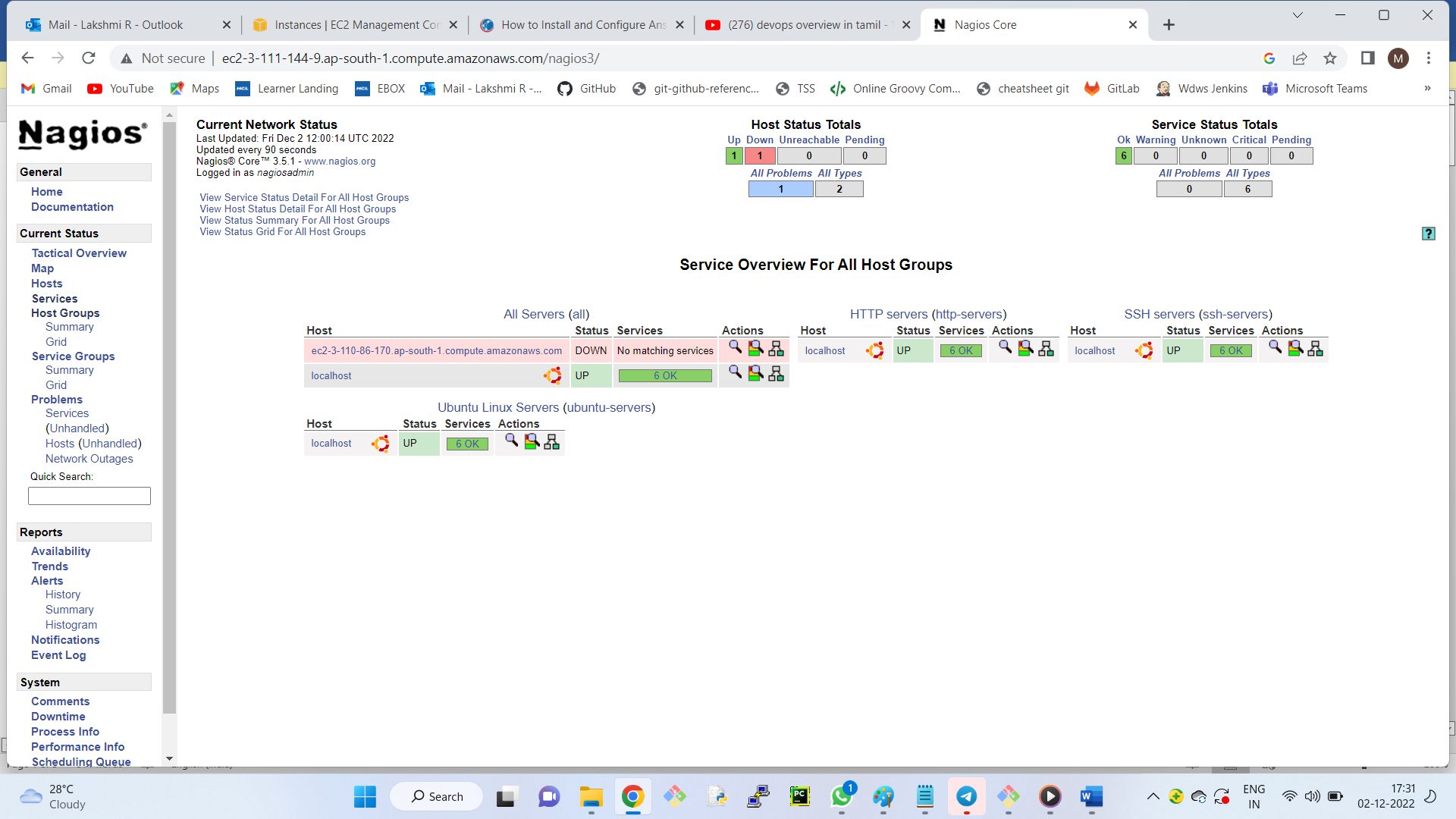
Restart nagios3

$ sudo /etc/init.d/nagios3 restart

Go to nagios home page and refresh

select host groups

We can see the new host.



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