1. Run these following commands on nagios-host

```
[ec2-user@ip-172-31-95-252 ~]$ ps -ef | grep nagios
nagios      2002       1  0 04:03 ?        00:00:00 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg
nagios      2004    2002  0 04:03 ?        00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
nagios      2005    2002  0 04:03 ?        00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
nagios      2006    2002  0 04:03 ?        00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
nagios      2007    2002  0 04:03 ?        00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
nagios      2015    2002  0 04:03 ?        00:00:00 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg
ec2-user    2947    2706  0 04:12 pts/0    00:00:00 grep --color=auto nagios
```

2. Shift to root user to get root user access

```
[ec2-user@ip-172-31-95-252 ~]$ sudo su
mkdir -p /usr/local/nagios/etc/objects/monitorhosts/linuxhosts
[root@ip-172-31-95-252 ec2-user]# cp /usr/local/nagios/etc/objects/localhost.cfg /usr/local/nagios/etc/objects/monitorhosts/linuxhost
inuxserver.cfg
nano /usr/local/nagios/etc/objects/monitorhosts/linuxhosts/linuxserver.cfg
cp: cannot create regular file '/usr/local/nagios/etc/objects/monitorhosts/linuxhosts/linuxserver.cfg': No such file or directory
[root@ip-172-31-95-252 ec2-user]# mkdir -p /usr/local/nagios/etc/objects/monitorhosts/linuxhosts
[root@ip-172-31-95-252 ec2-user]# cp /usr/local/nagios/etc/objects/localhost.cfg /usr/local/nagios/etc/objects/monitorhosts/linuxhost
inuxserver.cfg
nano /usr/local/nagios/etc/objects/monitorhosts/linuxhosts/linuxserver.cfg
[root@ip-172-31-95-252 ec2-user]#
```

3. In that nano file , add that cfg_dir command, which is being mentioned below

```
  GNU nano 5.8                          /usr/local/nagios/etc/nagios.cfg                                    Modified
#cfg_file=/usr/local/nagios/etc/objects/switch.cfg

# Definitions for monitoring a network printer
#cfg_file=/usr/local/nagios/etc/objects/printer.cfg


# You can also tell Nagios to process all config files (with a .cfg
# extension) in a particular directory by using the cfg_dir
# directive as shown below:

#cfg_dir=/usr/local/nagios/etc/servers
#cfg_dir=/usr/local/nagios/etc/printers
#cfg_dir=/usr/local/nagios/etc/switches
#cfg_dir=/usr/local/nagios/etc/routers
cfg_dir=/usr/local/nagios/etc/objects/monitorhosts/



^G Help        ^O Write Out    ^W Where Is    ^K Cut      ^T Execute    ^C Location    M-U Undo    M-A Set Mark
^X Exit        ^R Read File    ^\ Replace     ^U Paste    ^J Justify    ^/ Go To Line  M-E Redo    M-6 Copy
```

i-0a656b3bbaa6339f8 (nagios-host)

PublicIPs: 52.23.227.178   PrivateIPs: 172.31.95.252

4. Run these few more commands

```
[root@ip-172-31-95-252 ec2-user]# nano /usr/local/nagios/etc/nagios.cfg
[root@ip-172-31-95-252 ec2-user]# sudo /usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg

Nagios Core 4.4.6
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Last Modified: 2020-04-28
License: GPL

Website: https://www.nagios.org
Reading configuration data...
   Read main config file okay...
   Read object config files okay...

Running pre-flight check on configuration data...
```

```
        Checked 1 contacts.
        Checked 1 contact groups.
        Checked 24 commands.
        Checked 5 time periods.
        Checked 0 host escalations.
        Checked 0 service escalations.
hecking for circular paths...
        Checked 2 hosts
        Checked 0 service dependencies
        Checked 0 host dependencies
        Checked 5 timeperiods
hecking global event handlers...
hecking obsessive compulsive processor commands...
hecking misc settings...

otal Warnings: 0
otal Errors:   0

hings look okay - No serious problems were detected during the pre-flight check
root@ip-172-31-95-252 ec2-user]# sudo systemctl restart nagios
```

5. Once you get that there is no error and warnings you are good to go for nagios-client
   Remember nagios-client should be a ubuntu one and not amazon linux

```
ubuntu@ip-172-31-46-205:~$ sudo apt update -y
sudo apt install gcc -y
sudo apt install -y nagios-nrpe-server nagios-plugins
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [380 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [535 kB]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [130 kB]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [8676 B]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [380 kB]
```

6. In the allowed hosts part, add the IP address of the host

```
# This is an optional comma-delimited list of IP address or hostnames
# that are allowed to talk to the NRPE daemon. Network addresses with a bit mask
# (i.e. 192.168.1.0/24) are also supported. Hostname wildcards are not currently
# supported.
#
# Note: The daemon only does rudimentary checking of the client's IP
# address.  I would highly recommend adding entries in your /etc/hosts.allow
# file to allow only the specified host to connect to the port
# you are running this daemon on.
#
# NOTE: This option is ignored if NRPE is running under either inetd or xinetd

allowed_hosts=127.0.0.1,52.23.227.178
```

7. Run these few more commands

```
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-46-205:~$
ubuntu@ip-172-31-46-205:~$ sudo nano /etc/nagios/nrpe.cfg
ubuntu@ip-172-31-46-205:~$ sudo systemctl restart nagios-nrpe-server
ubuntu@ip-172-31-46-205:~$
```

8. You should be able to see such dashboard

9. Go to hosts present in the left side