MANAV PUNJABI D15A 45

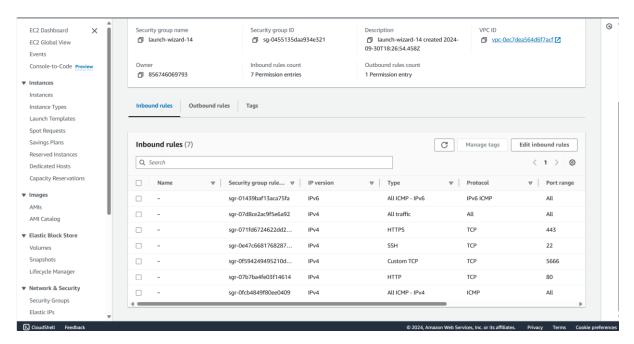
## **Experiment 10**

Aim: To perform Port, Service monitoring, Windows/Linux server monitoring using Nagios.

Step 1: Initially confirm that Nagios is running on the server side. For this run the following command - sudo systemctl status nagios on the nagios-host instance.

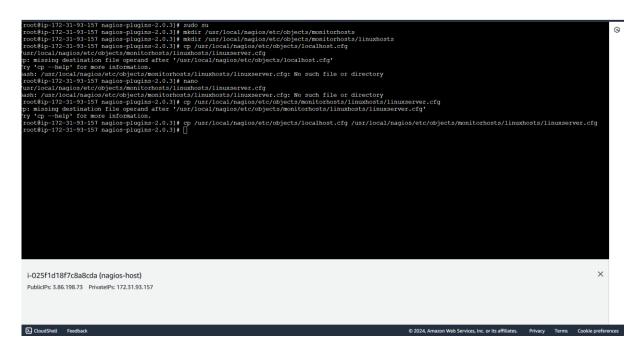
```
| Record Sign - 172-31-93-57 | Regions-Pusine-2.0.214 must systemath status magios | napion.service - 1881 status and stops the Napion sonothoring server | Loaded: loaded (/ktc/tc/d/Nat/dnaplog/ generated) | Active: active (running) since Non 2024-09-30 | 18102:27 UTC: 428 ago | Docs: RMALTYS/EMPLAYSY-SEMPLESDE.CM/Aint.d/Naglos start (code-exited, status=0/SUCCESS) | Record Sign - 1811-1112 | Record Sign - 18102:27 UTC: 428 ago | Docs: RMALTYS/EMPLAYSY-SEMPLESDE.CM/Aint.d/Naglos start (code-exited, status=0/SUCCESS) | Record Sign - 1811-1112 | Record Sign -
```

Step 2: Once confirmed, make another instance with the same security group as that of nagios-host. For now, leave this machine as it is, and go back to your nagios-host machine.



Step 3: Now run the following command - ps -ef | grep nagios

Step 4: Now, run the following commands - sudo su mkdir /usr/local/nagios/etc/objects/monitorhosts mkdir /usr/local/nagios/etc/objects/monitorhosts/linuxhosts cp/usr/local/nagios/etc/objects/localhost.cfg/usr/local/nagios/etc/objects/monitorhosts/linuxserver.cfg



Step 5: Open linuxserver.cfg using the the following command - nano /usr/local/nagios/etc/objects/monitorhosts/linuxhosts/linuxserver.cfg

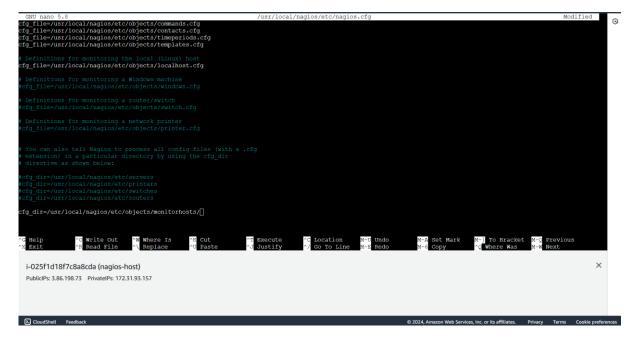
Change the hostname to linuxserver (EVERYWHERE ON THE FILE)
Change address to the public IP address of your LINUX CLIENT.
Change hostgroup\_name under hostgroup to linux-servers1



Step 6: Open Nagios config file and add the following line - nano /usr/local/nagios/etc/nagios.cfg

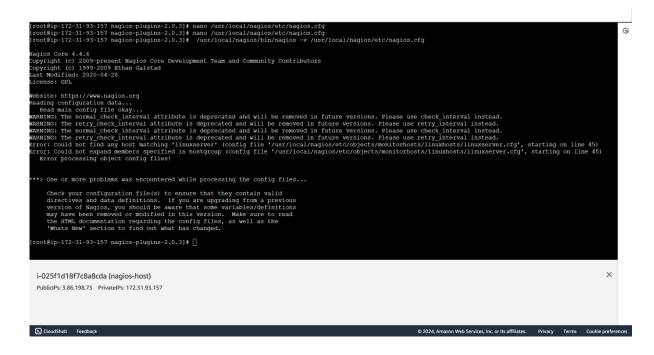
Then add this line -

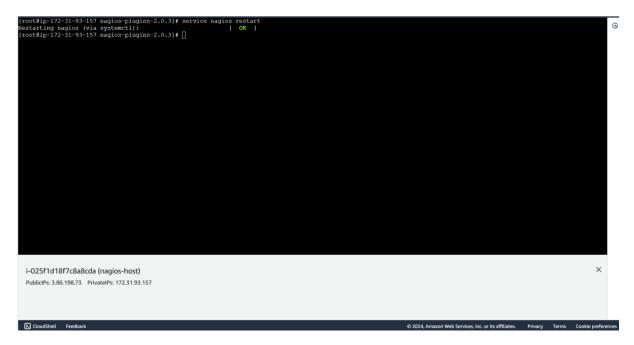
cfg\_dir=/usr/local/nagios/etc/objects/monitorhosts/



Step 8: Verify configuration files using the following command - sudo /usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg

If there are no errors, run the following command - sudo service nagios start





Step 9: After entering the correct credentials, you will see this page.

