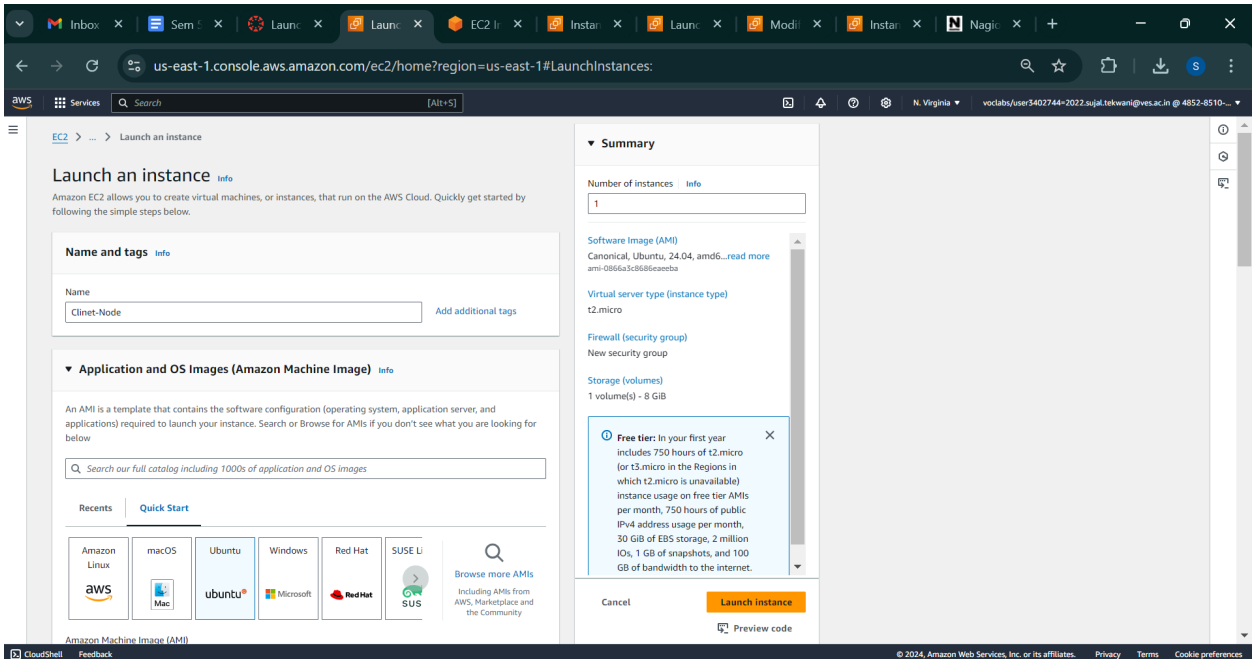
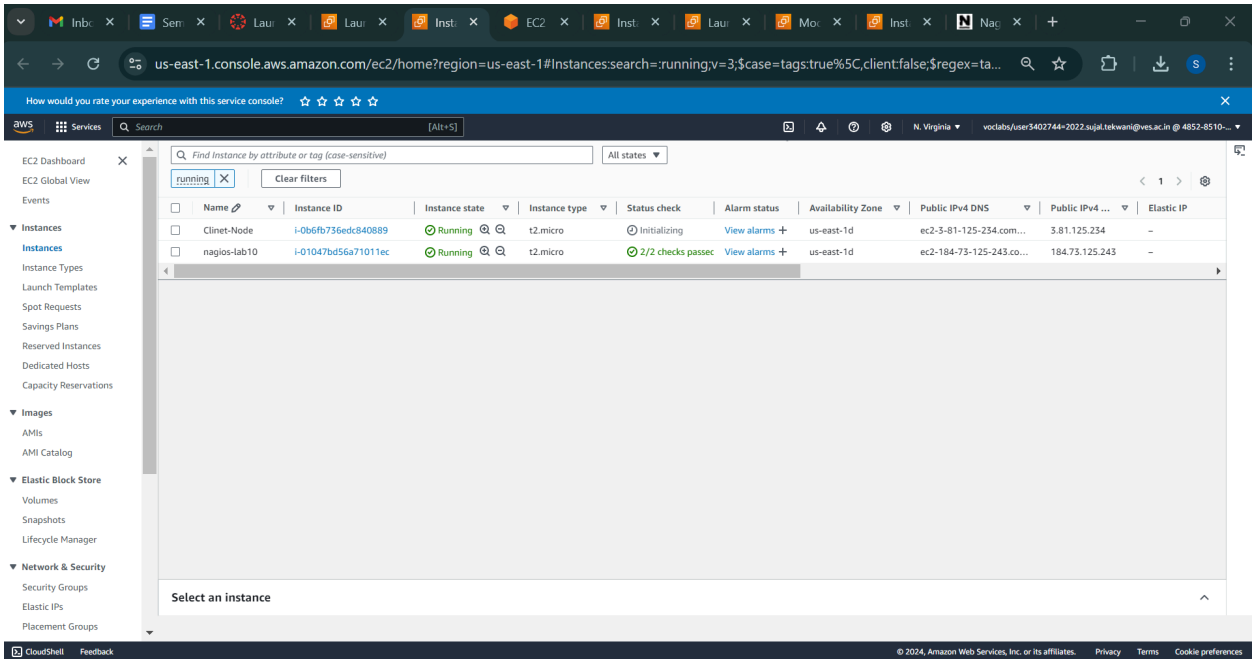
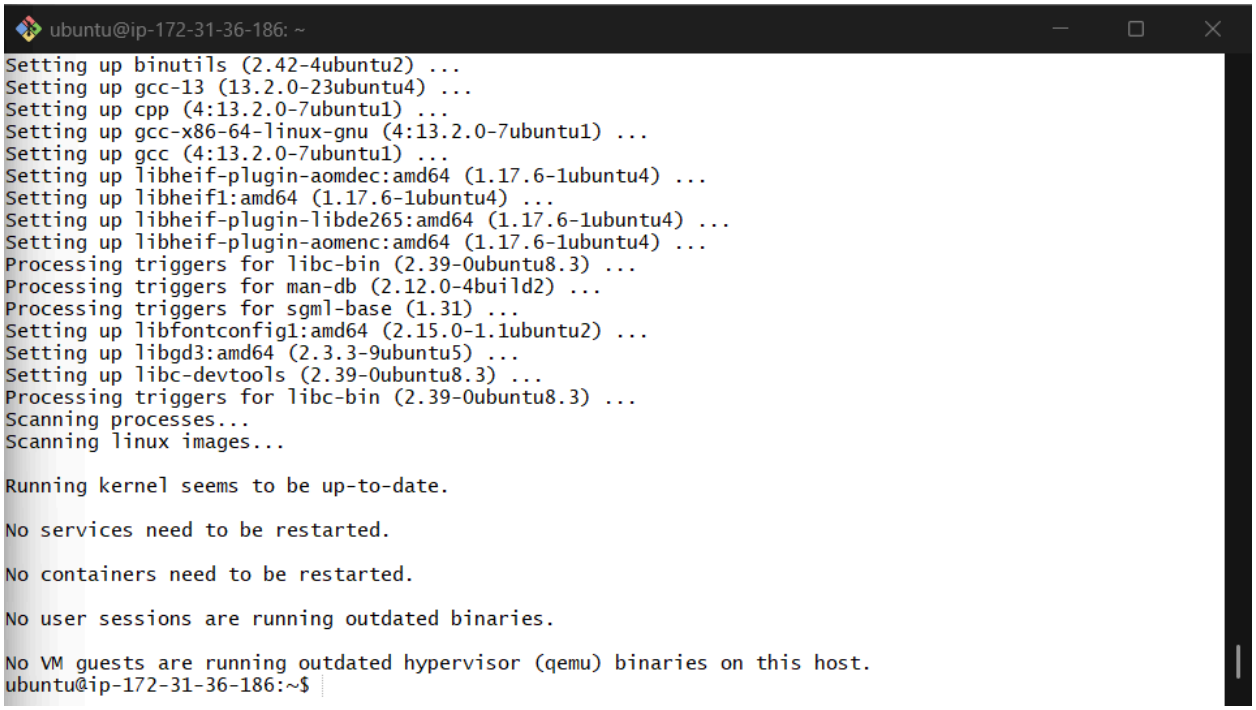
Name: Sujal.S.Tekwani
Class: D15B
Roll: 63

Lab 10






ubuntu@ip-172-31-36-186: ~
Setting up binutils (2.42-4ubuntu2) ...
Setting up gcc-13 (13.2.0-23ubuntu4) ...
Setting up cpp (4:13.2.0-7ubuntu1) ...
Setting up gcc-x86-64-linux-gnu (4:13.2.0-7ubuntu1) ...
Setting up gcc (4:13.2.0-7ubuntu1) ...
Setting up libheif-plugin-aomdec:amd64 (1.17.6-1ubuntu4) ...
Setting up libheif1:amd64 (1.17.6-1ubuntu4) ...
Setting up libheif-plugin-libde265:amd64 (1.17.6-1ubuntu4) ...
Setting up libheif-plugin-aomenc:amd64 (1.17.6-1ubuntu4) ...
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for sgml-base (1.31) ...
Setting up libfontconfig1:amd64 (2.15.0-1.1ubuntu2) ...
Setting up libgd3:amd64 (2.3.3-9ubuntu5) ...
Setting up libc-devtools (2.39-0ubuntu8.3) ...
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...
Scanning processes...
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-36-186:~$


perl-threads-shared-1.61-458.amzn2023.0.2.x86_64
perl-utils-5.32.1-477.amzn2023.0.6.noarch
perl-version-7:0.99.29-1.amzn2023.0.2.x86_64
perl-vmsish-1.04-477.amzn2023.0.6.noarch
python3-pyparsing-2.4.7-6.amzn2023.0.2.noarch
sombok-2.4.0-14.amzn2023.0.2.x86_64
systemtap-sdt-devel-4.8-3.amzn2023.0.6.x86_64
Complete!
[ec2-user@ip-172-31-36-178 ~]$ cd /tmp
wget --no-check-certificate -O nrpe.tar.gz https://github.com/NagiosEnterprises/nrpe/archive/nrpe-4.0.3
.tar.gz
--2024-10-15 11:09:09-- https://github.com/NagiosEnterprises/nrpe/archive/nrpe-4.0.3.tar.gz
Resolving github.com (github.com)... 140.82.114.4
Connecting to github.com (github.com)|140.82.114.4|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://codeload.github.com/NagiosEnterprises/nrpe/tar.gz/refs/tags/nrpe-4.0.3 [following]
--2024-10-15 11:09:09-- https://codeload.github.com/NagiosEnterprises/nrpe/tar.gz/refs/tags/nrpe-4.0.3
Resolving codeload.github.com (codeload.github.com)... 140.82.112.9
Connecting to codeload.github.com (codeload.github.com)|140.82.112.9|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [application/x-gzip]
Saving to: 'nrpe.tar.gz'
nrpe.tar.gz [<=>] 511.92K --.-KB/s in 0.03s
2024-10-15 11:09:09 (16.3 MB/s) - 'nrpe.tar.gz' saved [524202]
[ec2-user@ip-172-31-36-178 tmp]$

```
*** Configuration summary for nrpe 4.0.3 2020-04-28 ***:

 General Options:
 -------------------------
 NRPE port:    5666
 NRPE user:    nagios
 NRPE group:   nagios
 Nagios user:  nagios
 Nagios group: nagios


Review the options above for accuracy.  If they look okay,
type 'make all' to compile the NRPE daemon and client
or type 'make' to get a list of make options.

cd ./src/; make
make[1]: Entering directory '/tmp/nrpe-nrpe-4.0.3/src'
gcc -g -O2 -DHAVE_CONFIG_H -I ../include -I ./../include -o nrpe ./nrpe.c ./utils.c ./acl.c
gcc -g -O2 -DHAVE_CONFIG_H -I ../include -I ./../include -o check_nrpe ./check_nrpe.c ./utils.c
make[1]: Leaving directory '/tmp/nrpe-nrpe-4.0.3/src'

*** Compile finished ***

You can now continue with the installation or upgrade process.

Read the PDF documentation (docs/NRPE.pdf) for information on the next
steps you should take to complete the installation or upgrade.

[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$
```

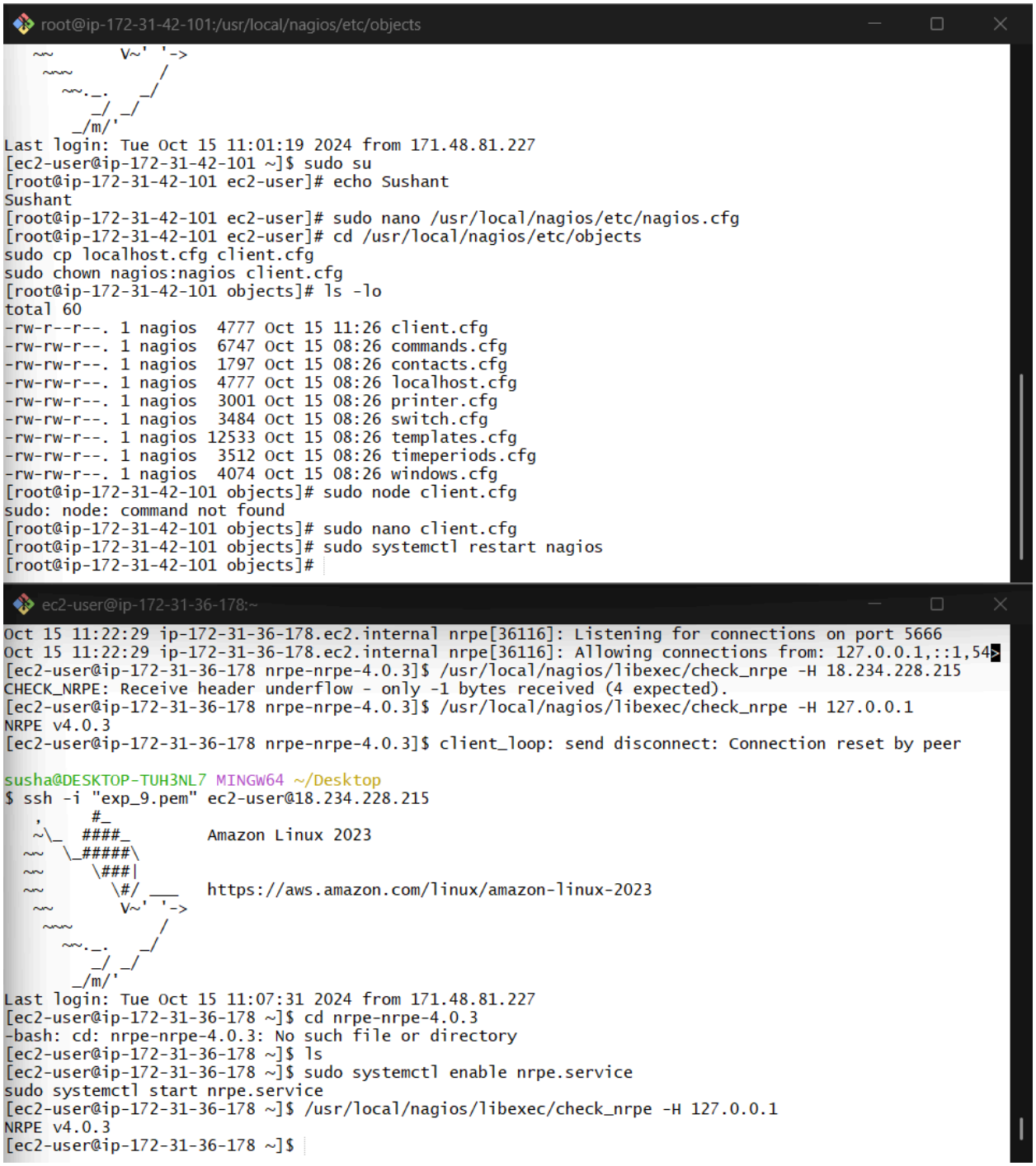
```
# service-name  port/protocol  [aliases ...]   [# comment]

tcpmux          1/tcp                           # TCP port service multiplexer
tcpmux          1/udp                           # TCP port service multiplexer
rje             5/tcp                           # Remote Job Entry
rje             5/udp                           # Remote Job Entry
echo            7/tcp
echo            7/udp
discard         9/tcp           sink null
discard         9/udp           sink null
# Nagios services
nrpe            5666/tcp
systat          11/tcp          users
systat          11/udp          users
daytime         13/tcp
daytime         13/udp
qotd            17/tcp          quote
qotd            17/udp          quote
chargen         19/tcp          ttytst source
chargen         19/udp          ttytst source
ftp-data        20/tcp
ftp-data        20/udp
# 21 is registered to ftp, but also used by fsp
ftp             21/tcp
ftp             21/udp          fsp fspd

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

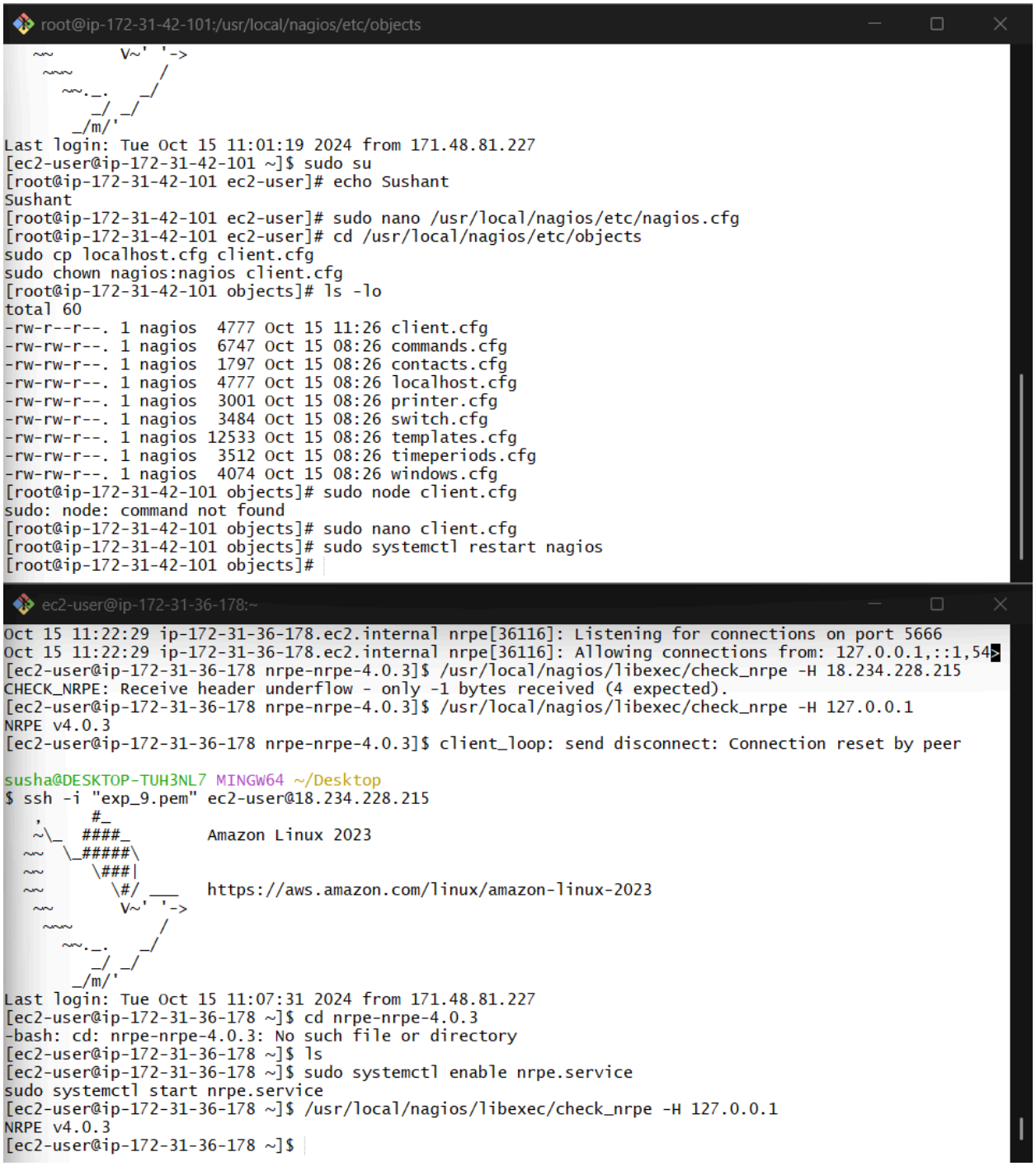
root@ip-172-31-42-101:/usr/local/nagios/etc/objects

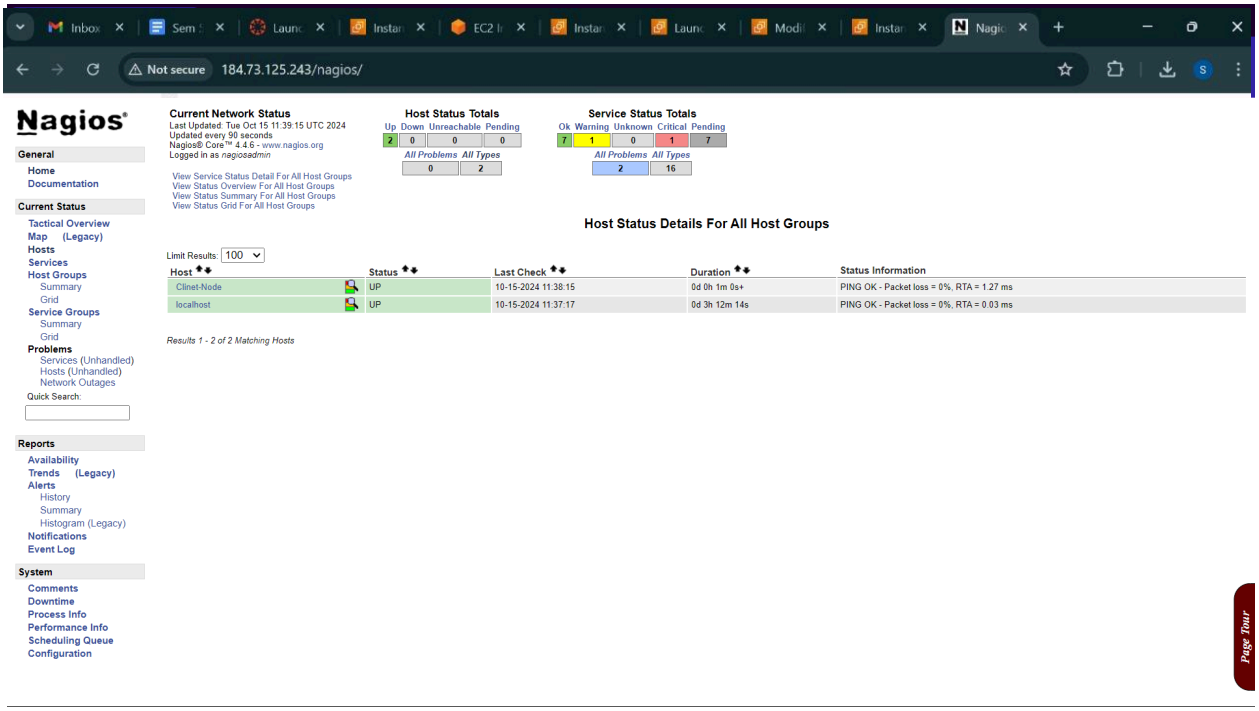
```
 GNU nano 5.8                          client.cfg                          Modified


# Define a service to check the number of currently running procs
# on the local machine.  Warning if > 250 processes, critical if
# > 400 processes.

define service {

    use                     local-service           ; Name of service template to use
    host_name               Clinet-Node
    service_description     Total Processes
    check_command           check_local_procs!250!400!RSZDT
}


# Define a service to check the load on the local machine.

define service {

    use                     local-service           ; Name of service template to use
    host_name               Clinet-Node
    service_description     Current Load
    check_command           check_local_load!5.0,4.0,3.0!10.0,6.0,4.0

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

ec2-user@ip-172-31-36-178:/tmp/nrpe-nrpe-4.0.3

```
[1]+  Stopped                 sudo vi /usr/local/nagios/etc/nrpe.cfg
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ sudo vi /usr/local/nagios/etc/nrpe.cfg
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ sudo nano /usr/local/nagios/etc/nrpe.cfg
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ sudo systemctl restart nrpe.service
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ sudo systemctl status nrpe.service
● nrpe.service - Nagios Remote Plugin Executor
     Loaded: loaded (/usr/lib/systemd/system/nrpe.service; enabled; preset: disabled)
     Active: active (running) since Tue 2024-10-15 11:22:29 UTC; 51s ago
       Docs: http://www.nagios.org/documentation
   Main PID: 36116 (nrpe)
      Tasks: 1 (limit: 1112)
     Memory: 248.0K
        CPU: 4ms
     CGroup: /system.slice/nrpe.service
             └─36116 /usr/local/nagios/bin/nrpe -c /usr/local/nagios/etc/nrpe.cfg -f

Oct 15 11:22:29 ip-172-31-36-178.ec2.internal systemd[1]: Stopped nrpe.service - Nagios Remote Plugin >
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal systemd[1]: Started nrpe.service - Nagios Remote Plugin >
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Starting up daemon
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Server listening on 0.0.0.0 port 5666.
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Server listening on :: port 5666.
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Listening for connections on port 5666
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Allowing connections from: 127.0.0.1,::1,54>
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ /usr/local/nagios/libexec/check_nrpe -H 18.234.228.215
CHECK_NRPE: Receive header underflow - only -1 bytes received (4 expected).
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ /usr/local/nagios/libexec/check_nrpe -H 127.0.0.1
NRPE v4.0.3
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$
```


root@ip-172-31-42-101:/usr/local/nagios/etc/objects
Last login: Tue Oct 15 11:01:19 2024 from 171.48.81.227
[ec2-user@ip-172-31-42-101 ~]$ sudo su
[root@ip-172-31-42-101 ec2-user]# echo Sushant
Sushant
[root@ip-172-31-42-101 ec2-user]# sudo nano /usr/local/nagios/etc/nagios.cfg
[root@ip-172-31-42-101 ec2-user]# cd /usr/local/nagios/etc/objects
sudo cp localhost.cfg client.cfg
sudo chown nagios:nagios client.cfg
[root@ip-172-31-42-101 objects]# ls -lo
total 60
-rw-r--r--. 1 nagios 4777 Oct 15 11:26 client.cfg
-rw-rw-r--. 1 nagios 6747 Oct 15 08:26 commands.cfg
-rw-rw-r--. 1 nagios 1797 Oct 15 08:26 contacts.cfg
-rw-rw-r--. 1 nagios 4777 Oct 15 08:26 localhost.cfg
-rw-rw-r--. 1 nagios 3001 Oct 15 08:26 printer.cfg
-rw-rw-r--. 1 nagios 3484 Oct 15 08:26 switch.cfg
-rw-rw-r--. 1 nagios 12533 Oct 15 08:26 templates.cfg
-rw-rw-r--. 1 nagios 3512 Oct 15 08:26 timeperiods.cfg
-rw-rw-r--. 1 nagios 4074 Oct 15 08:26 windows.cfg
[root@ip-172-31-42-101 objects]# sudo node client.cfg
sudo: node: command not found
[root@ip-172-31-42-101 objects]# sudo nano client.cfg
[root@ip-172-31-42-101 objects]# sudo systemctl restart nagios
[root@ip-172-31-42-101 objects]#
ec2-user@ip-172-31-36-178:~
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Listening for connections on port 5666
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Allowing connections from: 127.0.0.1,::1,54
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ /usr/local/nagios/libexec/check_nrpe -H 18.234.228.215
CHECK_NRPE: Receive header underflow - only -1 bytes received (4 expected).
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ /usr/local/nagios/libexec/check_nrpe -H 127.0.0.1
NRPE v4.0.3
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ client_loop: send disconnect: Connection reset by peer
susha@DESKTOP-TUH3NL7 MINGW64 ~/Desktop
$ ssh -i "exp_9.pem" ec2-user@18.234.228.215
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
Last login: Tue Oct 15 11:07:31 2024 from 171.48.81.227
[ec2-user@ip-172-31-36-178 ~]$ cd nrpe-nrpe-4.0.3
-bash: cd: nrpe-nrpe-4.0.3: No such file or directory
[ec2-user@ip-172-31-36-178 ~]$ ls
[ec2-user@ip-172-31-36-178 ~]$ sudo systemctl enable nrpe.service
sudo systemctl start nrpe.service
[ec2-user@ip-172-31-36-178 ~]$ /usr/local/nagios/libexec/check_nrpe -H 127.0.0.1
NRPE v4.0.3
[ec2-user@ip-172-31-36-178 ~]$


root@ip-172-31-42-101:/usr/local/nagios/etc/objects
Last login: Tue Oct 15 11:01:19 2024 from 171.48.81.227
[ec2-user@ip-172-31-42-101 ~]$ sudo su
[root@ip-172-31-42-101 ec2-user]# echo Sushant
Sushant
[root@ip-172-31-42-101 ec2-user]# sudo nano /usr/local/nagios/etc/nagios.cfg
[root@ip-172-31-42-101 ec2-user]# cd /usr/local/nagios/etc/objects
sudo cp localhost.cfg client.cfg
sudo chown nagios:nagios client.cfg
[root@ip-172-31-42-101 objects]# ls -lo
total 60
-rw-r--r--. 1 nagios 4777 Oct 15 11:26 client.cfg
-rw-rw-r--. 1 nagios 6747 Oct 15 08:26 commands.cfg
-rw-rw-r--. 1 nagios 1797 Oct 15 08:26 contacts.cfg
-rw-rw-r--. 1 nagios 4777 Oct 15 08:26 localhost.cfg
-rw-rw-r--. 1 nagios 3001 Oct 15 08:26 printer.cfg
-rw-rw-r--. 1 nagios 3484 Oct 15 08:26 switch.cfg
-rw-rw-r--. 1 nagios 12533 Oct 15 08:26 templates.cfg
-rw-rw-r--. 1 nagios 3512 Oct 15 08:26 timeperiods.cfg
-rw-rw-r--. 1 nagios 4074 Oct 15 08:26 windows.cfg
[root@ip-172-31-42-101 objects]# sudo node client.cfg
sudo: node: command not found
[root@ip-172-31-42-101 objects]# sudo nano client.cfg
[root@ip-172-31-42-101 objects]# sudo systemctl restart nagios
[root@ip-172-31-42-101 objects]#
ec2-user@ip-172-31-36-178:~
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Listening for connections on port 5666
Oct 15 11:22:29 ip-172-31-36-178.ec2.internal nrpe[36116]: Allowing connections from: 127.0.0.1,::1,54
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ /usr/local/nagios/libexec/check_nrpe -H 18.234.228.215
CHECK_NRPE: Receive header underflow - only -1 bytes received (4 expected).
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ /usr/local/nagios/libexec/check_nrpe -H 127.0.0.1
NRPE v4.0.3
[ec2-user@ip-172-31-36-178 nrpe-nrpe-4.0.3]$ client_loop: send disconnect: Connection reset by peer
susha@DESKTOP-TUH3NL7 MINGW64 ~/Desktop
$ ssh -i "exp_9.pem" ec2-user@18.234.228.215
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
Last login: Tue Oct 15 11:07:31 2024 from 171.48.81.227
[ec2-user@ip-172-31-36-178 ~]$ cd nrpe-nrpe-4.0.3
-bash: cd: nrpe-nrpe-4.0.3: No such file or directory
[ec2-user@ip-172-31-36-178 ~]$ ls
[ec2-user@ip-172-31-36-178 ~]$ sudo systemctl enable nrpe.service
sudo systemctl start nrpe.service
[ec2-user@ip-172-31-36-178 ~]$ /usr/local/nagios/libexec/check_nrpe -H 127.0.0.1
NRPE v4.0.3
[ec2-user@ip-172-31-36-178 ~]$


Not secure
184.73.125.243/nagios/
Nagios
General
Home
Documentation
Current Status
Tactical Overview
Map (Legacy)
Hosts
Services
Host Groups
Summary
Grid
Service Groups
Summary
Grid
Problems
Services (Unhandled)
Hosts (Unhandled)
Network Outages
Quick Search:
Reports
Availability
Trends (Legacy)
Alerts
History
Summary
Histogram (Legacy)
Notifications
Event Log
System
Comments
Downtime
Process Info
Performance Info
Scheduling Queue
Configuration
Current Network Status
Last Updated: Tue Oct 15 11:39:15 UTC 2024
Updated every 90 seconds
Nagios® Core™ 4.4.6 - www.nagios.org
Logged in as nagiosadmin
View Service Status Detail For All Host Groups
View Status Overview For All Host Groups
View Status Summary For All Host Groups
View Status Grid For All Host Groups
Host Status Totals
Up Down Unreachable Pending
2 0 0 0
All Problems All Types
0 2
Service Status Totals
Ok Warning Unknown Critical Pending
7 1 0 1 7
All Problems All Types
2 16
Host Status Details For All Host Groups
Limit Results: 100
Host
Status
Last Check
Duration
Status Information
Clinet-Node
UP
10-15-2024 11:38:15
0d 0h 1m 0s+
PING OK - Packet loss = 0%, RTA = 1.27 ms
localhost
UP
10-15-2024 11:37:17
0d 3h 12m 14s
PING OK - Packet loss = 0%, RTA = 0.03 ms
Results 1 - 2 of 2 Matching Hosts
Page Tour