//\*\*\*\*\*\*\*\*\*\*\*NAGIOS CLIENT CONFIGURATION\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*//

Make sure your machine is already patched, move on to next steps.

1) Install packages by below command,

dnf install -y gcc glibc glibc-common openssl openssl-devel perl wget

2) Navigate to /usr/src to install nrpe plugin.

wget https://github.com/NagiosEnterprises/nrpe/releases/download/nrpe-4.1.0/nrpe-4.1.0.tar.gz

tar -xvzf nrpe-4.1.0.tar.gz

cd nrpe-4.1.0

3) Do ./configure execultion followed by make all.

4) Run below commands,

make

make all

make install

make install-groups-users

5) Install config files,

make install-config

6) Run below commands,

sh -c "echo >> /etc/services"

sh -c "sudo echo '# Nagios Services' >> /etc/services"

sh -c "sudo echo 'nrpe 5666/tcp' >> /etc/services"

7) Install scripts installation on host,

make install-init

8) Enable nrpe & start,

systemctl enable nrpe

systemctl start nrpe

9) navigate to /usr/local/nagios/etc/ and open the nrpe.cfg file & add nagios server public ip address.

make dont blame nrpe as 1. Also uncomment the system metrics command in nrpe.cfg file.

10) Enable 5666 port on the firewall by the below command & reload it,

firewall-cmd --permanent --add-port=5666/tcp

firewall-cmd --reload

Verify by running firewall-cmd --list-all, you should see 5666/tcp in port.

#################NAGIOS SERVER STEPS##################

11) Go to /usr/local/nagios/etc and make a directory called servers. Give required permissions to nagios user.

chown -R nagios:nagios /usr/local/nagios/etc/servers

chmod 777 /usr/local/nagios/etc/servers

12) Enter into nagios config file i.e nagios.cfg & uncomment the server lines,

cfg\_dir=/usr/local/nagios/etc/servers

13) Next, add a new command to your Nagios configuration that lets you use the check\_nrpe command in Nagios service definitions.

Open the file /usr/local/nagios/etc/objects/commands.cfg in your editor:-

define command{

command\_name check\_nrpe

command\_line $USER1$/check\_nrpe -H $HOSTADDRESS$ -c $ARG1$

}

14) Next define hosts, modules to monitor services etc like below in a file under /usr/local/nagios/etc/servers directory.

Sample file,

define host {

use linux-server

host\_name host1

alias My client server

address 43.204.108.222

max\_check\_attempts 20

check\_period 24x7

notification\_interval 1

notification\_period 24x7

}

define service {

use generic-service

host\_name host1

service\_description PING

check\_command check\_ping!200.0,20%!400.0,90%

}

define service{

use generic-service

host\_name host1

service\_description Check Users

check\_command check\_local\_users

}

define service{

use generic-service

host\_name host1

service\_description SSH Check

check\_command check\_ssh

}

After restarting nagios on the server, you will be able to see the new hosts & it's services.