Add Monitoring targets to Nagios server

Now, let us add some clients to monitor by Nagios server.

To do that we have to install **nrpe** and **nagios-plugins** in our monitoring targets.

Step-01: On CentOS/Linux clients:

To install EPEL on CentOS 8, run the following command:

```
#yum install epel-release
```

Install **"nrpe"** and **"nagios-plugins"** packages in client systems:

```
#yum install nrpe nagios-plugins-all openssl
```

Configure Monitoring targets

Edit **/etc/nagios/nrpe.cfg** file,

```
#vi /etc/nagios/nrpe.cfg
```

Add your Nagios server ip address:

```
[...]

## Find the following line and add the Nagios server IP ##

allowed_hosts=127.0.0.1 192.168.1.150        Nagios Server IP

[...]
```

<u>Start nrpe service on CentOS clients:</u>

```
#systemctl start nrpe

#systemctl enable nrpe
```

Step-02: On Nagios Server Side Configuration:

```
#vi /usr/local/nagios/etc/nagios.cfg
```
and uncomment the following lines.

```
## Find and uncomment the following line ##

cfg_dir=/usr/local/nagios/etc/servers
```

Create a directory called **"servers"** under **"/usr/local/nagios/etc/"**.

```
mkdir /usr/local/nagios/etc/servers
```

Create config file to the client to be monitored:

```
vi /usr/local/nagios/etc/servers/clients.cfg
```

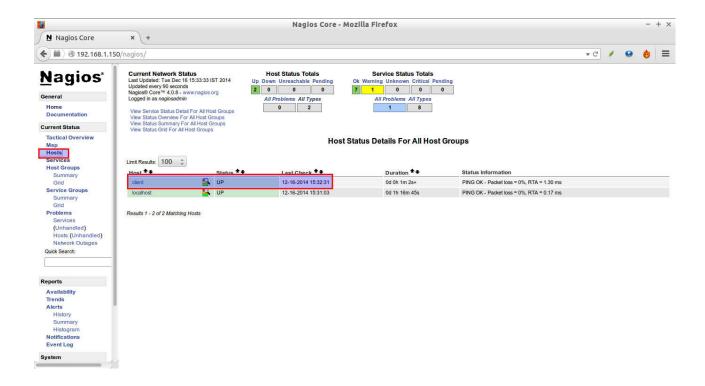Add the following lines:

```
define host{

use                      linux-server

host_name                client

alias                    client

address                  192.168.1.152        Nagios Client IP

max_check_attempts       5

check_period             24x7

notification_interval    30

notification_period      24x7

}
```
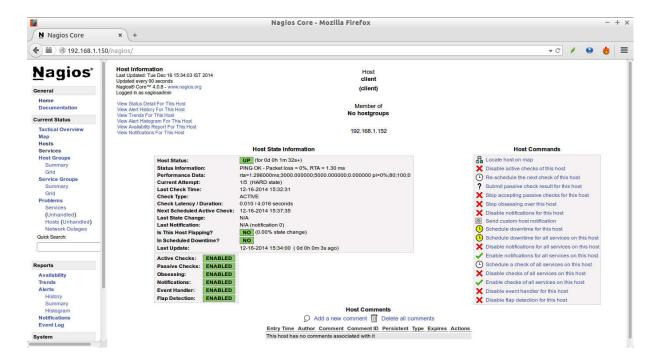
Finally restart nagios service.

```
#systemctl restart nagios
```

Wait for few seconds, and refresh nagios admin console in the browser and navigate to **"Hosts"** section in the left pane. You will see the newly added client will be visible there. Click on the host to see if there is anything wrong or any alerts it has.

Click on the monitoring target (client) to view the detailed output:

Similarly, you can define more clients by creating a separate config files **"/usr/local/nagios/etc/servers"** directory for each client.