|  |
| --- |
| root@nagiosserver demo1]# history |
|  | 1 yum install nagios nagios-plugins |
|  | 2 ps -ef | grep -i nagios |
|  | 3 ps -ef | grep -i htpd |
|  | 4 ps -ef | grep -i httpd |
|  | 5 cd /etc/nagios/ |
|  | 6 ls -l |
|  | 7 vi nagios.cfg |
|  | 8 yum install nrpe |
|  | 9 ls -l |
|  | 10 cd objects/ |
|  | 11 ls -l |
|  | 12 vim localhost.cfg |
|  | 13 vim templates.cfg |
|  | 14 vim localhost.cfg |
|  | 15 systemctl restart nagios |
|  | 16 ps -ef | grep -i httpd |
|  | 17 ps -ef | grep -i nagios |
|  | 18 systemctl start httpd |
|  | 19 ps -ef | grep -i httpd |
|  | 20 cd /etc/httpd/ |
|  | 21 ls -l |
|  | 22 cd conf.d/ |
|  | 23 ls -l |
|  | 24 vi nagios.conf |
|  | 25 cd /etc/nagios/ |
|  | 26 ls -l |
|  | 27 cat passwd |
|  | 28 htpasswd -c /etc/nagios/passwd admin |
|  | 29 cat /etc/nagios/passwd |
|  | 30 pwd |
|  | 31 cd /etc/httpd/conf.d/ |
|  | 32 vim nagios.conf |
|  | 33 systemctl restart nagios |
|  | 34 systemctl start httpd |
|  | 35 systemctl restart httpd |
|  | 36 ls -l |
|  | 37 vim nagios.conf |
|  | 38 cd /etc/nagios/ |
|  | 39 ls - |
|  | 40 ls -l |
|  | 41 vi cgi.cfg |
|  | 42 systemctl restart nagios |
|  | 43 vi cgi.cfg |
|  | 44 systemctl restart nagios |
|  | 45 htpasswd -c /etc/nagios/passwd nagiosadmin |
|  | 46 vi cgi.cfg |
|  | 47 htpasswd -c /etc/nagios/passwd admin |
|  | 48 free -m |
|  | 49 cd objects/ |
|  | 50 vim localhost.cfg |
|  | 51 cd .. |
|  | 52 nagios -v nagios.cfg |
|  | 53 vi cgi.cfg |
|  | 54 systemctl restart nagios |
|  | 55 ls -l |
|  | 56 cd objects/ |
|  | 57 ls -l |
|  | 58 vim windows.cfg |
|  | 59 vim commands.cfg |
|  | 60 cul -v http://lcoalhost |
|  | 61 curl -v http://localhost |
|  | 62 curl http://localhost |
|  | 63 curl -I http://localhost |
|  | 64 curl -I http://localhost/nagis |
|  | 65 curl -I http://localhost/nagios |
|  | 66 vim commands.cfg |
|  | 67 vim localhost.cfg |
|  | 68 vim commands.cfg |
|  | 69 ifconfig |
|  | 70 ls -l |
|  | 71 cp localhost.cfg client1.cfg |
|  | 72 vim client1.cfg |
|  | 73 vim localhost.cfg |
|  | 74 cd .. |
|  | 75 nagios -v nagios.cfg |
|  | 76 vim nagios.cfg |
|  | 77 nagios -v nagios.cfg |
|  | 78 systemctl restart nagios |
|  | 79 ls -l |
|  | 80 cd objects/ |
|  | 81 ls -l |
|  | 82 mkdir dev qa prod |
|  | 83 ls -l |
|  | 84 vim localhost.cfg |
|  | 85 vim host.cfg |
|  | 86 vim service.cfg |
|  | 87 vim localhost.cfg |
|  | 88 cd .. |
|  | 89 vim nagios.cfg |
|  | 90 ls - |
|  | 91 cd objects/ |
|  | 92 vim client1.cfg |
|  | 93 vim templates.cfg |
|  | 94 vim localhost.cfg |
|  | 95 history |
|  | [root@nagiosserver ~]# |
|  |  |
|  |  |
|  | [root@nagiosclient ~]# history |
|  | 1 yum install nagios-plugins nrpe |
|  | 2 cd /etc/nagios/ |
|  | 3 vim nrpe.cfg |
|  | 4 cd /usr/lib64/nagios/plugins/ |
|  | 5 ls -l |
|  | 6 yum install nagios-plugins-\* nrpe |
|  | 7 ls -l |
|  | 8 ./check\_nrpe -H 127.0.0.1 -c check\_total\_procs |
|  | 9 systemctl start nrpe |
|  | 10 netstat -tunlp |
|  | 11 ./check\_nrpe -H 127.0.0.1 -c check\_total\_procs |
|  | 12 ./check\_nrpe -H 127.0.0.1 -c check\_load |
|  | 13 ifconfig |
|  | 14 history |
|  | 15 ./check\_nrpe -H 127.0.0.1 -c check\_total\_procs |
|  | 16 cd |
|  | 17 cd /etc/nagios/ |
|  | 18 vim nrpe.cfg |
|  | 19 ls -l nrpe.cfg |
|  | 20 echo $? |
|  | 21 history |

Nagios application:

Nagous ui

Scheduler

nrpe plugin--:it capture the logs and send the logs to the master this client do not have nagios installed on them hence the log data of client are sent through plugins.

Nagious components----🡪objects--🡪plugins

Apache is required to run nagious

Php 🡪 this is also required to run nagious because this is written in php

To see php page directly in to the webpage we need apache so it will install apache by default.

root@instance-1:~# yum install nagios nagios-plugins

<https://www.tecmint.com/install-nagios-core-in-ubuntu-and-debian/>

nagious.conf

/etc/nagious/passwd

Allow from all-🡪 we can configure the things in this perameter where the requests comes from subnet like that

htpasswd –c /etc/nagious/passwd admin

cd /etc/httpd/conf.d/

vim nagios.conf

order allow,denay

allow from all

vi cgi.cfg

https://kifarunix.com/how-to-install-and-configure-nagios-core-on-ubuntu-18-04/#:~:text=Start%20and%20enable%20both%20apache%20and%20nagios%20to%20start%20on%20boot.&text=Now%20access%20the%20Nagios%20web,the%20password%20you%20set%20above.

# EXTERNAL COMMAND OPTION

# This option allows you to specify whether or not Nagios should check

# for external commands (in the command file defined below). By default

# Nagios will \*not\* check for external commands, just to be on the

# cautious side. If you want to be able to use the CGI command interface

# you will have to enable this.

# Values: 0 = disable commands, 1 = enable commands

check\_external\_commands=1

root@master:~# cat /etc/nagios3/apache2.conf

<IfVersion < 2.3>

Order Allow,Deny

Allow From All

</IfVersion>

If you want to configure access for any specific we need to specify it hear

**Allow From localhost 192.168.0.0/24**

root@master:/etc/nagios3# pwd

/etc/nagios3

root@master:/etc/nagios3# cat nagios.cfg

this is the default configuration

log\_file=/var/log/nagios/nagios.log

cfg\_file=/etc/nagios/objects/commands.cfg

cfg\_file=/etc/nagios/objects/contact.cfg

cfg\_file=/etc/nagios/objects/timeperiods.cfg

cfg\_file=/etc/nagios/objects/templates.cfg

cfg\_file= cfg\_file=/etc/nagios/objects/localhost.cfg

cfg\_file= cfg\_file=/etc/nagios/objects/windows.cfg

cd objects

commands

contacts

localhost

printers

switch

templates

timeperiods

windows

localhost.cfg:

define host{

use linux-server

host\_name localhost

alias localhost

address 127.0.0.1

}

Templates.cfg

Define host{

Name linux-server

Use generic-host

Check\_interval 5

Retry\_interval 1

Max\_check\_attempts 10

Check\_command check\_host\_alive

Notification\_period workhours

Define host{

Name generic-host

Notification\_enable 1

Event\_handler\_enabled 1

Flap\_detection\_enabled 1

Process\_perf\_data 1

Retain\_status\_information 1

Retain\_nonstatus\_information 1

Notification\_period 24\*7

Register 0