apt-get install apache2 php php-gd php-imap php-curl php-mcrypt

Installation des dépendances pour Nagios

apt-get install libxml-libxml-perl libnet-snmp-perl libperl-dev libnumber-format-perl libconfiginifiles-perl libdatetime-perl libnet-dns-perl

Installation des librairies pour les plugins pour Nagios

apt-get install libpng-dev libjpeg-dev libgd-dev

Installation des librairies graphique

apt-get install gcc make autoconf libc6 unzip

Installation d'outils pour l'installation (compilateur, décompresseur)

useradd -m -p \$(openssl passwd nagios) nagios

on crée l'utilisateur nagios avec pour mot de passe nagios chiffré avec md5 et on lui crée un repartoire dans /home

groupadd nagcmd

usermod -a -G nagcmd nagios

usermod -a -G nagcmd www-data

On ajoute nagios et www-data dans un groupe commun pour que nagios pour permettre l'administration sur l'interface weh

mkdir /home/nagios/downloads

je crée le dossier qui va réceptionner le paquet nagios

cd /home/nagios/downloads

wget https://assets.nagios.com/downloads/nagioscore/releases/nagios-4.4.2.tar.gz

Dans le dossier crée j'installe nagios

tar -zxvf nagios-4.4.2.tar.gz

cd nagios-4.4.2

Je décompresse le dossier compressé et m'y rend

./configure --with-httpd-conf=/etc/apache2/sites-enabled --with-command-group=nagcmd

Je configure nagios en indiquant l'emplacement de la config web et du groupe nagcmd pour l'administration web

make all

Je compile les fichiers, les rends executables

make install-daemoninit

On installe nagios en tant que service

```
make install-commandmode
make install-config
make install-webconf
```

Installation du reste

htpasswd -cb /usr/local/nagios/etc/htpasswd.users nagiosadmin pass

Definition de l'id admin et son mdp pour l'interface web

chown -R nagios:nagcmd /usr/local/nagios

Attriue des des droits du dossier nagios au groupe nagcmd et à l'utilisateur nagios

```
systemctl restart apache2
systemctl start nagios
```

Redemarrage du serveur web et de nagios

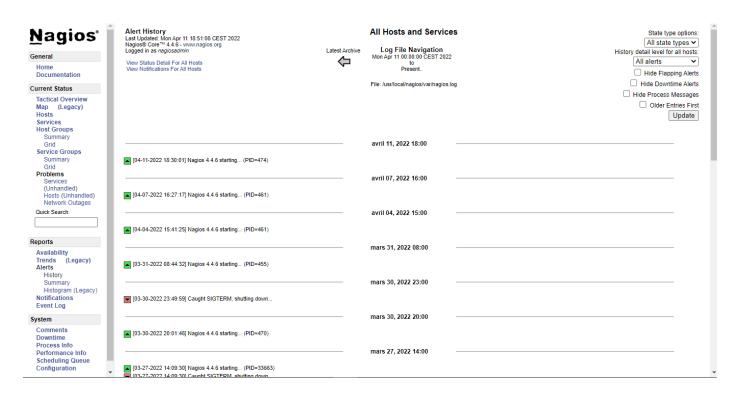
Le service est fonctionnel (running):

```
📆 serv_debian - VMware Workstation 16 Player (Non-commercial use only)
                  Player ▼ | | | ▼ 🖧 🗀 农
                                                                                                                                                                                                                 >> □ ② □ □ □
  bridge
                                                                                                                         00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/
                 agios/var/rw/nagios.qh
                                        31673 31670
                 nagios
                                                                             0 11:41 ?
                                                                                                                         00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/r
                 agios/var/rw/nagios.qh
                                                                                                                         00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/r
                                         31674 31670
                                                                             0 11:41 ?
                  agios/var/rw/nagios.qh
                                                                            0 11:41 ?
                                                                                                                         00:00:00 /usr/local/nagios/bin/nagios -d /usr/local/nagios/
                  nagios
                                        31675
                  etc/nagios.cfg
                                                                852 0 11:49 tty1
                                                                                                                        00:00:00 grep nagios
                                        31711
                  oot@servuer–debian:~# service nagios status
emin d'ac• nagios.service − Nagios Core 4.4.6
                        Loaded: loaded (/lib/systemd/system/nagios.service; enabled; vendor preset: enabled)
courci
                        Active: active (running) since Thu 2022-03-24 11:41:22 CET; 22min ago
                     Docs: https://www.nagios.org/documentation
Process: 31667 ExecStart=/usr/local/nagios/bin/nagios –d /usr/local/nagios/etc/nagios.cfg (code=ex
ents > 1
                     Process: 31666 ExecStartPre=/usr/local/nagios/bin/nagios –v /usr/local/nagios/etc/nagios.cfg (code
                  Main PID: 31670 (nagios)
Tasks: 6 (limit: 19660)
                        CGroup: /system.slice/nagios.service
).x 64-bit.
                                                -31670 /usr/local/nagios/bin/nagios –d /usr/local/nagios/etc/nagios.cfg
                                                -31671 /usr/local/nagios/bin/nagios ——worker /usr/local/nagios/var/rw/nagios.qh
-31672 /usr/local/nagios/bin/nagios ——worker /usr/local/nagios/var/rw/nagios.qh
).x 64-bit.
).x 64-bit.
                                               -31673 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
-31674 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
-31675 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg
).x 64-bit.
eboard
                 mars 24 11:45:07 servuer–debian nagios[31670]: SERVICE ALERT: localhost;SSH;CRITICAL;HARD;1;(No outp
mars 24 11:45:24 servuer–debian nagios[31670]: HOST ALERT: localhost;DOWN;SOFT;5;(No output on stdou
coreboar
                           24 11:45:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;SOFT;5;(No output on stdou 24 11:45:44 servuer-debian nagios[31670]: SERVICE ALERT: localhost;Swap Usage;CRITICAL;HARD;1;(24 11:46:22 servuer-debian nagios[31670]: SERVICE ALERT: localhost;Total Processes;CRITICAL;HAR 24 11:46:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;SOFT;6;(No output on stdou 24 11:47:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;SOFT;7;(No output on stdou 24 11:48:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;SOFT;8;(No output on stdou 24 11:49:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;SOFT;9;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST NOTIFICATION: nagiosadmin;localhost;DOWN;notify-24 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localhost;DOWN;HARD;10;(No output on stdou 11:50:24 servuer-debian nagios[31670]: HOST ALERT: localho
coreboar mars
coreboard
.log
-0.log
-1.log
-2.log
),x 64-bit. lines 1-26/26 (END)
```

Les plugins sont installés:

	HIII 3 30, 2022 20.00						
•	[03-30-2022 20:01:46] Nagios 4.4.6 starting (PID=470)						
-	mars 27, 2022 14:00						
	■ [03-27-2022 14:09:30] Nagios 4.4.6 starting (PID=33663) ■ [03-27-2022 14:09:30] Caught SIGTERM, shutting down						
_	mars 27, 2022 13:00						
•	[03-27-2022 13:41:05] Nagios 4.4.6 starting (PID=33346)						
v	[03-27-2022 13:41:05] Caught SIGTERM, shutting down						
	[03-27-2022 13:20:24] SERVICE ALERT: localhost;Current Load;OK;HARD;4;OK - Charge moyenne: 0.02, 0.10, 0.08						
	[03-27-2022 13:19:47] SERVICE ALERT: localhost; Total Processes; OK;HARD;4;PROCS OK: 38 processus avec ETAT = RSZDT						
	[03-27-2022 13:19:09] SERVICE ALERT: localhost;Swap Usage;OK;HARD;4;SWAP OK - 100% libre (1021 MB sur un total de 1021 MB)						
	[03-27-2022 13:18:32] SERVICE ALERT: localhost;SSH;OK;HARD;4;SSH OK - OpenSSH_7.4p1 Debian-10+deb9u7 (protocol 2.0)						
	[03-27-2022 13:18:31] HOST ALERT: localhost;UP;HARD;1;PING OK - Paquets perdus = 0%, RTA = 0.15 ms						
	03-27-2022 13:18:31] SERVICE ALERT: localhost;PING;OK;HARD;4:PING OK - Paquets perdus = 0%, RTA = 0.06 ms						
	[03-27-2022 13:18:27] SERVICE ALERT: localhost;HTTP:OK;HARD;4;HTTP OK: HTTP/1.1 200 OK - 10975 octets en 0,058 secondes de temps de réponse						
	[03-27-2022 13:18:27] SERVICE ALERT: localhost;Root Partition;OK;HARD;4;DISK OK - free space: / 15259 MiB (84,62% inode=93%);						
	[03-27-2022 13:18:27] SERVICE ALERT: localhost; Current Users; OK; HARD; 4; UTILISATEURS OK - 1 utilisateurs actuellement connectés sur						

page d'accueil de mon moniteur nagios



mise en place d'un second hote servant à superviser la partie ssh de nagios

fiew Status Grid For All Host Groups

Host Status Details For All Host Groups

