TRƯỜNG ĐẠI HỌC CÔNG NGHỆ TP HCM KHOA CÔNG NGHỆ THÔNG TIN

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Báo Cáo Tuần 3

Câu hỏi 1:

Trả lời:

Phần 1: Cài đặt Nagios

```
vu@ubuntu: ~
vu@ubuntu:~/nagios$ cd nagios-4.4.6/
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo ./
aclocal.m4
                 contrib/
                                                    tap/
autoconf-macros/ docs/
                                  make-tarball
                                                   test/
base/
                 functions
                                  mkpackage
                                                   t-tap/
cgi/
                 html/
                                  module/
                                                   update-version
common/
                 include/
                                  sample-config/
                                                   worker/
config.guess
                 indent-all.sh
                                  startup/
                                                   xdata/
config.sub
                 indent.sh
                                  subst.in
                 install-sh
configure
                                  t/
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo ./c
              config.guess configure
cgi/
common/
                            contrib/
              config.sub
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo ./configure --with-httpd-conf=/etc/apache2
/sites-enabled
checking for a BSD-compatible install... /usr/bin/install -c
checking build system type... x86_64-pc-linux-gnu
checking host system type... x86_64-pc-linux-gnu
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... ves
```

```
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo make all
cd ./base && make
make[1]: Entering directory '/home/vu/nagios/nagios-4.4.6/base'
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nagios.o nagios.c
nagios.c: In function 'main':
nagios.c:611:4: warning: ignoring return value of 'asprintf', declared with attribute warn_unused_result [-Wunused-result]
611 | asprintf(&mac->x[MACRO_PROCESSSTARTTIME], "%llu", (unsigned long long)
nrogram_start):
```

```
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo make install-group-users
make: *** No rule to make target 'install-group-users'. Stop.
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo make install-groups-users
groupadd -r nagios
useradd -g nagios nagios
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo mode -a -G nagios www-data
sudo: mode: command not found
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo usermod -a -G nagios www-data
vu@ubuntu:~/nagios/nagios-4.4.6$ sudo make install
cd ./base && make install
make[1]: Entering directory '/home/vu/nagios/nagios-4.4.6/base'
/usr/bin/install -c -m 775 -o nagios -g nagios nagios /usr/local/nagios/bin
/usr/bin/install -c -s -m 774 -o nagios -g nagios nagios /usr/local/nagios/bin
/usr/bin/install -c -s -m 774 -o nagios -g nagios nagiostats /usr/local/nagios/bin
make[1]: Leaving directory '/home/vu/nagios/nagios-4.4.6/base'
```

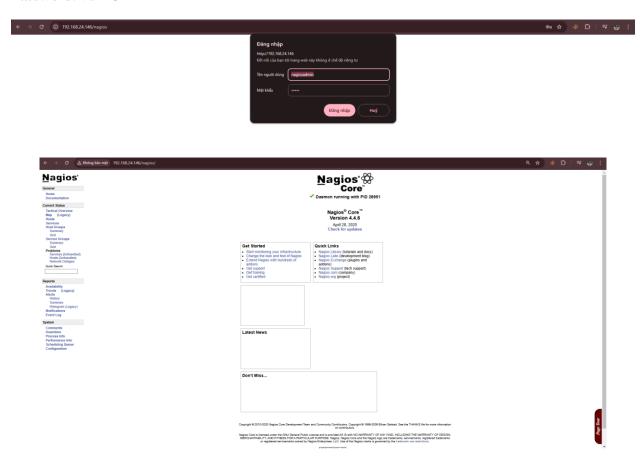
Xem địa chỉ ip của máy

```
vu@ubuntu:~$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
       inet 192.168.24.146 netmask 255.255.25.0 broadcast 192.168.24.255
       inet6 fe80::d985:dfef:4256:beb prefixlen 64 scopeid 0x20<link>
       ether 00:0c:29:df:aa:28 txqueuelen 1000 (Ethernet)
       RX packets 32643 bytes 44330411 (44.3 MB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 16031 bytes 1214872 (1.2 MB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
       inet 127.0.0.1 netmask 255.0.0.0
       inet6 ::1 prefixlen 128 scopeid 0x10<host>
       loop txqueuelen 1000 (Local Loopback)
       RX packets 85973 bytes 8026170 (8.0 MB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 85973 bytes 8026170 (8.0 MB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
vu@ubuntu:~$
```

Truy cập nagios:

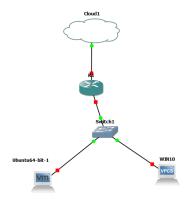
User: nagiosadmin

Password: vu123



PHẦN 2: Cài Đặt GNS3 và NAGIOS CLIENT

GNS3



Bên win10 thực hiện down nsclient

https://assets.nagios.com/downloads/nagiosxi/agents/NSClient++/

xuống và cấu hình gán địa ip bên máy server

