172.16.0.16/nagios
nagiosadmin / respons11

Sur la machine à monitorer LINUX

nom de la machine => hostname
ip de la machine => ifconfig

Installer NRPE

sudo apt install nagios-nrpe-server nagios-plugins -y
sudo nano /etc/nagios/nrpe.cfg => ajouter l'adresse du SRV (ligne 62 et 106)
sudo systemctl restart nagios-nrpe-server
sudo systemctl enable nagios-nrpe-server

Sur la machine à monitorer WINDOWS

Installer et lancer NSClient ++

Sur Nagios, ajouter l'hôte :
cd /usr/local/nagios/etc
sudo chmod 775 servers/
sudo chown nagios:nagios servers/
cd servers/
sudo touch "nom du serveur".cfg <= créer le fichier dans le bon répertoire
sudo nano "nom du serveur".cfg <= éditer le fichier du serveur

configuration :
LINUX HOST

```
#Replace :
# host_name = Your-Hostname
# alias = Your-Alias
# address = Your-IP address of host

define host{
use                     linux-server
host_name               HG211
alias                   SlaveDNS
address                 192.168.1.126
}

define service{
use                             local-service
host_name                       HG211
service_description             Root / Partition
check_command                   check_nrpe!check_disk
}

define service{
```

```
use                             local-service
host_name                       HG211
service_description             /mnt Partition
check_command                   check_nrpe!check_mnt_disk
}

define service{
use                             local-service
host_name                       HG211
service_description             Current Users
check_command                   check_nrpe!check_users
}

define service{
use                             local-service
host_name                       HG211
service_description             Total Processes
check_command                   check_nrpe!check_total_procs
}

define service{
use                             local-service
host_name                       HG211
service_description             Current Load
check_command                   check_nrpe!check_load
}
```

WINDOWS HOST

```
##############################################################################
########
# WINDOWS.CFG - SAMPLE CONFIG FILE FOR MONITORING A WINDOWS MACHINE
#
#
# NOTES: This config file assumes that you are using the sample
configuration
#    files that get installed with the Nagios quickstart guide.
#
##############################################################################
########



##############################################################################
########
#
# HOST DEFINITIONS
#
##############################################################################
########

# Define a host for the Windows machine we'll be monitoring
```

```
# Change the host_name, alias, and address to fit your situation
# host_name = Your-Hostname
# alias = Your-Alias
# address = Your-IP address of the host

define host {

    use                     windows-server          ; Inherit default
values from a template
    host_name               HG08               ; The name we're giving
to this host
    alias                   HG08       ; A longer name associated with
the host
    address                 192.168.1.132             ; IP address of
the host
}



##############################################################################
########
#
# HOST GROUP DEFINITIONS
#
##############################################################################
########

# Define a hostgroup for Windows machines
# All hosts that use the windows-server template will automatically be
a member of this group

define hostgroup {

    hostgroup_name          windows-servers         ; The name of the
hostgroup
    alias                   Windows Servers         ; Long name of the
group
}



##############################################################################
########
#
# SERVICE DEFINITIONS
#
##############################################################################
########

# Create a service for monitoring the version of NSCLient++ that is
installed
```

```
# Change the host_name to match the name of the host you defined above

define service {

    use                     generic-service
    host_name               HG08
    service_description     NSClient++ Version
    check_command           check_nt!CLIENTVERSION
}



# Create a service for monitoring the uptime of the server
# Change the host_name to match the name of the host you defined above

define service {

    use                     generic-service
    host_name               HG08
    service_description     Uptime
    check_command           check_nt!UPTIME
}



# Create a service for monitoring CPU load
# Change the host_name to match the name of the host you defined above

define service {

    use                     generic-service
    host_name               HG08
    service_description     CPU Load
    check_command           check_nt!CPULOAD!-l 5,80,90
}



# Create a service for monitoring memory usage
# Change the host_name to match the name of the host you defined above

define service {

    use                     generic-service
    host_name               HG08
    service_description     Memory Usage
    check_command           check_nt!MEMUSE!-w 80 -c 90
}
```

```
# Create a service for monitoring C:\ disk usage
# Change the host_name to match the name of the host you defined above

define service {

    use                     generic-service
    host_name               HG08
    service_description     C:\ Drive Space
    check_command           check_nt!USEDDISKSPACE!-l c -w 80 -c 90
}



# Create a service for monitoring the W3SVC service
# Change the host_name to match the name of the host you defined above

define service {

    use                     generic-service
    host_name               HG08
    service_description     W3SVC
    check_command           check_nt!SERVICESTATE!-d SHOWALL -l W3SVC
}



# Create a service for monitoring the Explorer.exe process
# Change the host_name to match the name of the host you defined above

define service {

    use                     generic-service
    host_name               HG08
    service_description     Explorer
    check_command           check_nt!PROCSTATE!-d SHOWALL -l
Explorer.exe
}
```

changer les permissions
sudo chown nagios:nagios “nom du serveur”.cfg
sudo chmod 664 “nom du serveur”.cfg

vérification
sudo /usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg
sudo systemctl restart nagios