

Installation Nagios Core

- Distribution Ubuntu, j'installe les paquets nécessaires

```
root@ubuntu:~# apt-get install wget build-essential apache2 apache2-utils php5-gd libgd2-xpm-dev libapache2-mod-php5
```

```
2 upgraded, 54 newly installed, 0 to remove and 95 not upgraded.  
Need to get 34.0 MB of archives.  
After this operation, 102 MB of additional disk space will be used.  
Do you want to continue? [Y/n]
```

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- Téléchargez le paquet Nagios 4.3.4 et le plugings 2.2.1

```
root@ubuntu: ~  
root@ubuntu:~#  
root@ubuntu:~# mkdir downloads  
root@ubuntu:~# ls  
downloads  
root@ubuntu:~# wget http://prdownloads.sourceforge.net/sourceforge/nagios/nagios-4.0.4.tar.gz  
root@ubuntu:~# wget http://nagios-plugins.org/download/nagios-plugins-2.0.tar.gz
```

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```
100%[=====>] 1,792,721    318KB/s   in 5.6s
2016-05-06 05:11:44 (312 KB/s) - 'nagios-4.0.4.tar.gz' saved [1792721/1792721]

root@ubuntu:~# ls
downloads  nagios-4.0.4.tar.gz
```

```
root@ubuntu:~# ls
downloads  nagios-4.0.4.tar.gz  nagios-plugins-2.0.tar.gz
root@ubuntu:~# useradd nagios
root@ubuntu:~# groupadd nagcmd
root@ubuntu:~# usermod -a -G nagcmd nagios
root@ubuntu:~# cat /etc/group
```

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```
root@ubuntu:~/downloads# ls
nagios-4.0.4.tar.gz  nagios-plugins-2.0.tar.gz
root@ubuntu:~/downloads# tar -xzf nagios-4.0.4.tar.gz
root@ubuntu:~/downloads# tar -xzf nagios-plugins-2.0.tar.gz
root@ubuntu:~/downloads# ls
nagios-4.0.4          nagios-plugins-2.0
nagios-4.0.4.tar.gz  nagios-plugins-2.0.tar.gz
root@ubuntu:~/downloads# cd nagios-4.0.4/
root@ubuntu:~/downloads/nagios-4.0.4# ./configure --with-nagios-group=nagios --with-command-group=nagcmd
```

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```
root@ubuntu:~/downloads/nagios-4.0.4# make all
```

```
root@ubuntu:~/downloads/nagios-4.0.4# make install
```

```
root@ubuntu:~/downloads/nagios-4.0.4# make install-init
```

```
root@ubuntu:~/downloads/nagios-4.0.4# make install-config
```

```
root@ubuntu:~/downloads/nagios-4.0.4# make install-commandmode
```

```
# /usr/bin/install -c -m 644 sample-config/httpd.conf /etc/apache2/sites-available/nagios.conf
```

Installation Nagios Core

- Création de l'utilisateur nagiosadmin pour l'accès web avec le mot de passe nagiosadmin

```
root@ubuntu:~/downloads/nagios-4.0.4# htpasswd -c /usr/local/nagios/etc/htpasswd.users nagioadmin
New password:
Re-type new password:
Adding password for user nagioadmin
root@ubuntu:~/downloads/nagios-4.0.4# cat /usr/local/nagios/etc/htpasswd.users
nagioadmin:$apr1$.pv5IUDY$d2pVojHgMFQzN6cR66MZy.
root@ubuntu:~/downloads/nagios-4.0.4# cd .
root@ubuntu:~/downloads# cd nagios-plugins-2.0/
root@ubuntu:~/downloads/nagios-plugins-2.0# ./configure --with-nagios-user=nagios --with-nagios-group=nagios --with-openssl
root@ubuntu:~/downloads/nagios-plugins-2.0# make && make install
```

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- Activez cette ligne dans le fichier nagios.cfg

```
root@ubuntu:~/downloads/nagios-plugins-2.0# nano /usr/local/nagios/etc/nagios.cfg
```

```
# You can also tell Nagios to process all config files (with a .cfg
# extension) in a particular directory by using the cfg_dir
# directive as shown below:
|
```

```
cfg_dir=/usr/local/nagios/etc/servers
#cfg_dir=/usr/local/nagios/etc/printers
#cfg_dir=/usr/local/nagios/etc/switches
#cfg_dir=/usr/local/nagios/etc/routers
```

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- Créez un répertoire parent

```
root@ubuntu:~/downloads/nagios-plugins-2.0# mkdir -p /usr/local/nagios/etc/servers
```

- Configurer une adresse de contact

```
root@ubuntu:~/downloads/nagios-plugins-2.0# nano /usr/local/nagios/etc/objects/contacts.cfg
```

```
define contact{
    contact_name      nagiosadmin      ; Short name of user
    use               generic-contact   ; Inherit default values from generic-contact template (defined above)
    alias             Nagios Admin     ; Full name of user

    email             nagios@localhost ; <<***** CHANGE THIS TO YOUR EMAIL ADDRESS *****>>
}
```

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- Redémarrer le service apache2

```
root@ubuntu:~/downloads/nagios-plugins-2.0# service apache2 restart
```

```
root@ubuntu:~/downloads/nagios-plugins-2.0# a2enmod rewrite
```

```
root@ubuntu:~/downloads/nagios-plugins-2.0# service apache2 restart
```

```
root@ubuntu:~/downloads/nagios-plugins-2.0# a2enmod cgi
```

```
# ln -s /etc/apache2/sites-available/nagios.conf /etc/apache2/sites-enabled/
```

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```
root@ubuntu:~/downloads# cd nagios-plugins-2.0/
root@ubuntu:~/downloads/nagios-plugins-2.0# /etc/init.d/apache2 restart
* Restarting web server apache2
AH00558: apache2: Could not reliably determine the server's fully qualified d
y to suppress this message

root@ubuntu:~/downloads/nagios-plugins-2.0# /etc/init.d/nagios start
Starting nagios:No directory, logging in with HOME=/
done.
```

Installation Nagios Core

The screenshot displays the Nagios Core web interface in a browser window. The address bar shows the URL `172.20.0.33/nagios/`. The page features a left-hand navigation menu with categories: General (Home, Documentation), Current Status (Tactical Overview, Map (Legacy), Hosts, Services, Host Groups, Service Groups, Problems), Reports (Availability, Trends (Legacy), Alerts, History, Summary, Histogram (Legacy), Notifications, Event Log), and System (Comments, Downtime, Process Info, Performance Info, Scheduling Queue, Configuration). The main content area has the Nagios Core logo and a red error message: "Unable to get process status". Below this, it states "Nagios® Core™ Version 4.3.4" and "August 24, 2017", with a link to "Check for updates". The main area is divided into four sections: "Get Started" (with links to start monitoring, change look/feel, extend with addons, get support, get training, and get certified), "Quick Links" (with links to Nagios Library, Nagios Labs, Nagios Exchange, Nagios Support, Nagios.com, and Nagios.org), "Latest News" (empty), and "Don't Miss..." (empty). At the bottom, there is a copyright notice for 2010-2017 Nagios Core Development Team and 1999-2009 Ethan Galstad, a disclaimer about the GNU General Public License, and logos for Nagios and SourceForge.net.

Nagios®

General

- Home
- Documentation

Current Status

- Tactical Overview
- Map (Legacy)
- Hosts
- Services
- Host Groups
 - Summary
 - Grid
- Service Groups
 - Summary
 - Grid
- Problems
 - Services (Unhandled)
 - Hosts (Unhandled)
 - Network Outages

Quick Search:

Reports

- Availability
- Trends (Legacy)
- Alerts
 - History
 - Summary
- Histogram (Legacy)
- Notifications
- Event Log

System

- Comments
- Downtime
- Process Info
- Performance Info
- Scheduling Queue
- Configuration

Nagios® Core™

✗ Unable to get process status

Nagios® Core™
Version 4.3.4
August 24, 2017
[Check for updates](#)

Get Started

- Start monitoring your infrastructure
- Change the look and feel of Nagios
- Extend Nagios with hundreds of addons
- Get support
- Get training
- Get certified

Quick Links

- [Nagios Library](#) (tutorials and docs)
- [Nagios Labs](#) (development blog)
- [Nagios Exchange](#) (plugins and addons)
- [Nagios Support](#) (tech support)
- [Nagios.com](#) (company)
- [Nagios.org](#) (project)

Latest News

Don't Miss...

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