

INSTALLATION DU SERVEUR CENTREON

Adresse ip :172.16.25.2

Tout d'abord il faut faire **apt update** et **apt upgrade**

ETAPE 1 : PRE-INSTALLATION

Désactiver le pare-feu :

```
systemctl stop firewalld  
systemctl disable firewalld
```

Installation des dépendances suivantes :

```
apt update && apt install lsb-release ca-certificates apt-transport-https software-properties-common wget gnupg2 curl
```

```
root@centreon:~# apt update && apt install lsb-release ca-certificates  
s apt-transport-https software-properties-common wget gnupg2 curl  
Hit:1 http://security.debian.org bookworm-security InRelease  
Hit:2 http://deb.debian.org/debian bookworm InRelease  
Hit:3 http://deb.debian.org/debian bookworm-updates InRelease  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
All packages are up to date.  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
ca-certificates is already the newest version (20230311+deb12u1).
```

Dépôt de la base de données :

```
curl -Ls https://r.mariadb.com/downloads/mariadb_repo_setup | sudo bash -s -- --os-type=debian --os-version=12 --mariadb-server-version="mariadb-10.11"
```

```
# cuoot@centreon:~# cuoot@centreon:~# curl -Ls https://r.mariadb.com  
/downloads/mariadb_repo_setup |  
  
# [info] Skipping OS detection and using OS type 'debian' and version  
'12' as given on the command line  
# [info] Checking for script prerequisites.  
# [info] MariaDB Server version 10.11 is valid  
# [info] Repository file successfully written to /etc/apt/sources.lis  
t.d/mariadb.list  
# [info] Adding trusted package signing keys...  
# [info] Running apt-get update...  
# [info] Done adding trusted package signing keys
```

Installation du dépôt centreon :

```
echo "deb https://packages.centreon.com/apt-standard-24.10-stable/ $(lsb_release -  
sc) main" | tee /etc/apt/sources.list.d/centreon.list
```

```
root@centreon:~# echo "deb https://packages.centreon.com/apt-standard-24.10-stable/ $(lsb_release -sc) main" | tee /etc/apt/sources.list.d/centreon.list
deb https://packages.centreon.com/apt-standard-24.10-stable/ bookworm
main
```

`echo "deb https://packages.centreon.com/apt-plugins-stable/ $(lsb_release -sc) main" | tee /etc/apt/sources.list.d/centreon-plugins.list`

```
root@centreon:~# echo "deb https://packages.centreon.com/apt-plugins-stable/ $(lsb_release -sc) main" | tee /etc/apt/sources.list.d/centreon-plugins.list
deb https://packages.centreon.com/apt-plugins-stable/ bookworm main
```

Ensuite il faut importer la clé du dépôt :

`wget -O- https://apt-key.centreon.com | gpg --dearmor | tee /etc/apt/trusted.gpg.d/centreon.gpg > /dev/null 2>&1`

```
root@centreon:~# wget -O- https://apt-key.centreon.com | gpg --dearmor | tee /etc/apt/trusted.gpg.d/centreon.gpg > /dev/null 2>&1
apt update
--2025-10-15 12:46:33-- https://apt-key.centreon.com/
Resolving apt-key.centreon.com (apt-key.centreon.com)... 3.165.136.40, 3.165.136.15, 3.165.136.3, ...
Connecting to apt-key.centreon.com (apt-key.centreon.com)|3.165.136.40|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4276 (4.2K) [binary/octet-stream]
```

ETAPE 2 :INSTALLATION

Faire `apt update`

Installation de centreon :

`apt install -y centreon-mariadb centreon`

```
root@centreon:~# apt install -y centreon-mariadb centreon
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
centreon-mariadb is already the newest version (24.10.13-1+deb12u1).
centreon is already the newest version (24.10.13-1+deb12u1).

0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
```

Ensuite faire `systemctl daemon-reload` et `systemctl restart mariadb`

```
root@centreon:~# systemctl daemon-reload
root@centreon:~# systemctl restart mariadb
```

ETAPE 3 : CONFIGURATION

Changer le nom du serveur :

`hostnamectl set-hostname new-server-name`

```
root@centreon:~# hostnamectl set-hostname centreon
```

Démarrage des services :

`systemctl enable php8.2-fpm apache2 centreon cbd centengine gorgoned
centreontrapd snmpd snmptrapd`

```
root@centreon:~# systemctl enable php8.2-fpm apache2 centreon cbd cen
tengine gorgoned centreontrapd snmpd snmptrapd
Synchronizing state of php8.2-fpm.service with SysV service script wi
th /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable php8.2-fpm
Synchronizing state of apache2.service with SysV service script with
/lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable apache2
Synchronizing state of snmpd.service with SysV service script with /l
ib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable snmpd
Synchronizing state of snmptrapd.service with SysV service script wit
h /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable snmptrapd
```

Exécutez ensuite la commande suivante (sur le serveur central si vous utilisez une base de données locale, ou sur votre serveur de base de données distant) :

`systemctl enable mariadb
systemctl restart mariadb`

```
root@centreon:~# systemctl enable mariadb
systemctl restart mariadb
Synchronizing state of mariadb.service with SysV service script with
/lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable mariadb
```

Sécurisation de la base de données :

`mariadb-secure-installation`

```
root@centreon:~# mariadb-secure-installation
NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
haven't set the root password yet, you should just press enter here.

Enter current password for root (enter for none):
```

- Répondez oui à toutes les questions, sauf à "Disallow root login remotely ?".

```
Disallow root login remotely? [Y/n] n
... skipping.

By default, MariaDB comes with a database named 'test' that anyone can
access. This is also intended only for testing, and should be removed
before moving into a production environment.
```

- Il est obligatoire de définir un mot de passe pour l'utilisateur root de la base de données. Ce mot de passe vous sera demandé pendant l'installation web.

Démarrer le serveur apache :

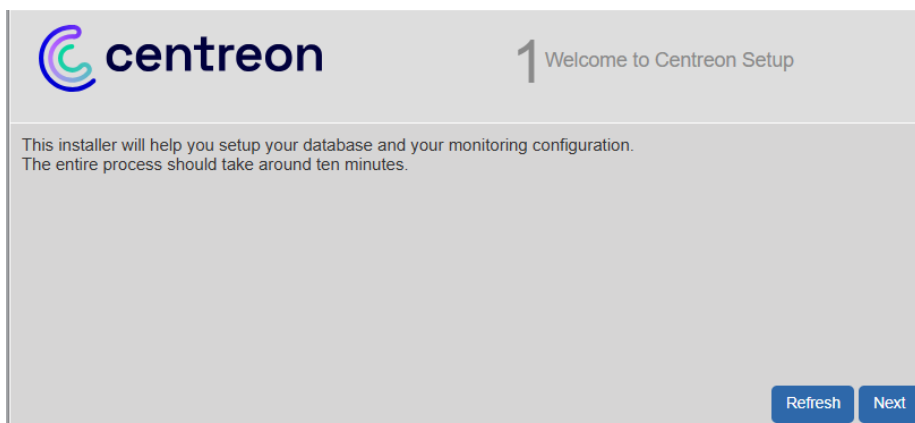
```
systemctl start apache2
```

ETAPE 4 : INSTALLATION WEB

Connectez-vous à l'interface web via <http://<IP>/centreon>.

Exemple <http://10.187.35.222/centreon>

Cliquer sur next



Cliquez sur **Refresh** lorsque les actions correctrices nécessaires ont été effectuées.



Puis cliquer sur next.

Definissez les chemins utilisés par le moteur de supervision. Nous recommandons d'utiliser ceux par défaut.

Monitoring engine information	
Centreon Engine Stats binary *	<input type="text" value="/usr/sbin/centenginestats"/>
Centreon Engine var lib directory *	<input type="text" value="/var/lib/centreon-engine"/>
Centreon Engine Connector path	<input type="text" value="/usr/lib64/centreon-connector"/>
Centreon Engine Library (*.so) directory *	<input type="text" value="/usr/lib64/centreon-engine"/>
Centreon Plugins Path *	<input type="text" value="/usr/lib/centreon/plugins/"/>

Back

Puis cliquer sur next

Definissez les chemins utilisés par le multiplexeur. Nous recommandons d'utiliser ceux par défaut.

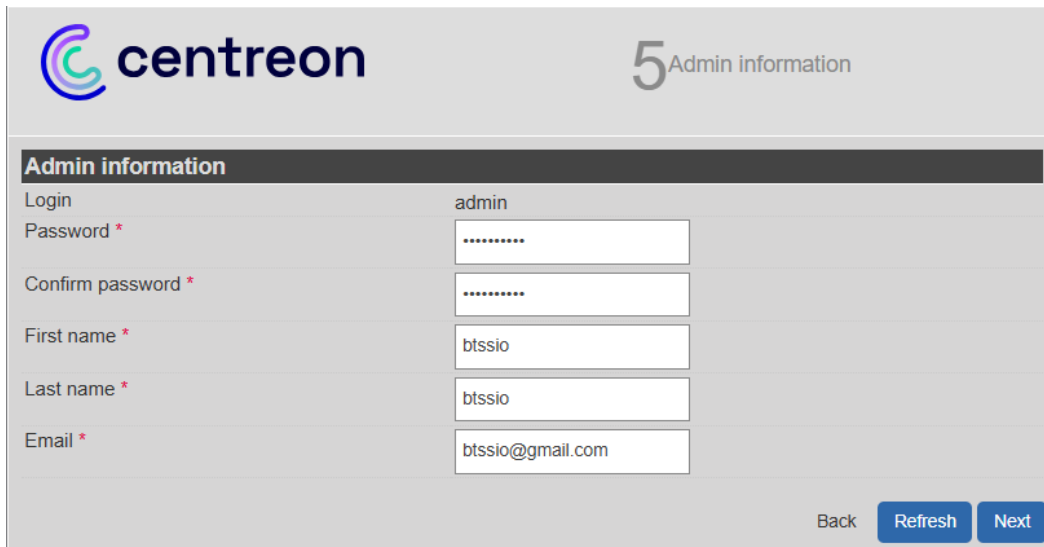
Monitoring engine information	
Centreon Broker etc directory *	<input type="text" value="/etc/centreon-broker"/>
Centreon Broker module (cbmod.so)	<input type="text" value="/usr/lib64/nagios/cbmod.so"/>
Centreon Broker log directory *	<input type="text" value="/var/log/centreon-broker"/>
Retention file directory *	<input type="text" value="/var/lib/centreon-broker"/>
Centreon Broker lib (*.so) directory *	<input type="text" value="/usr/share/centreon/lib/centreon-broker"/>

Back

Puis cliquer sur next.

Définir les informations nécessaires pour la création de l'utilisateur par défaut, admin.

Mdp :Btssio2024\$5



The screenshot shows the 'Admin information' configuration page in Centreon. The page header includes the Centreon logo and the title '5 Admin information'. The form contains the following fields:

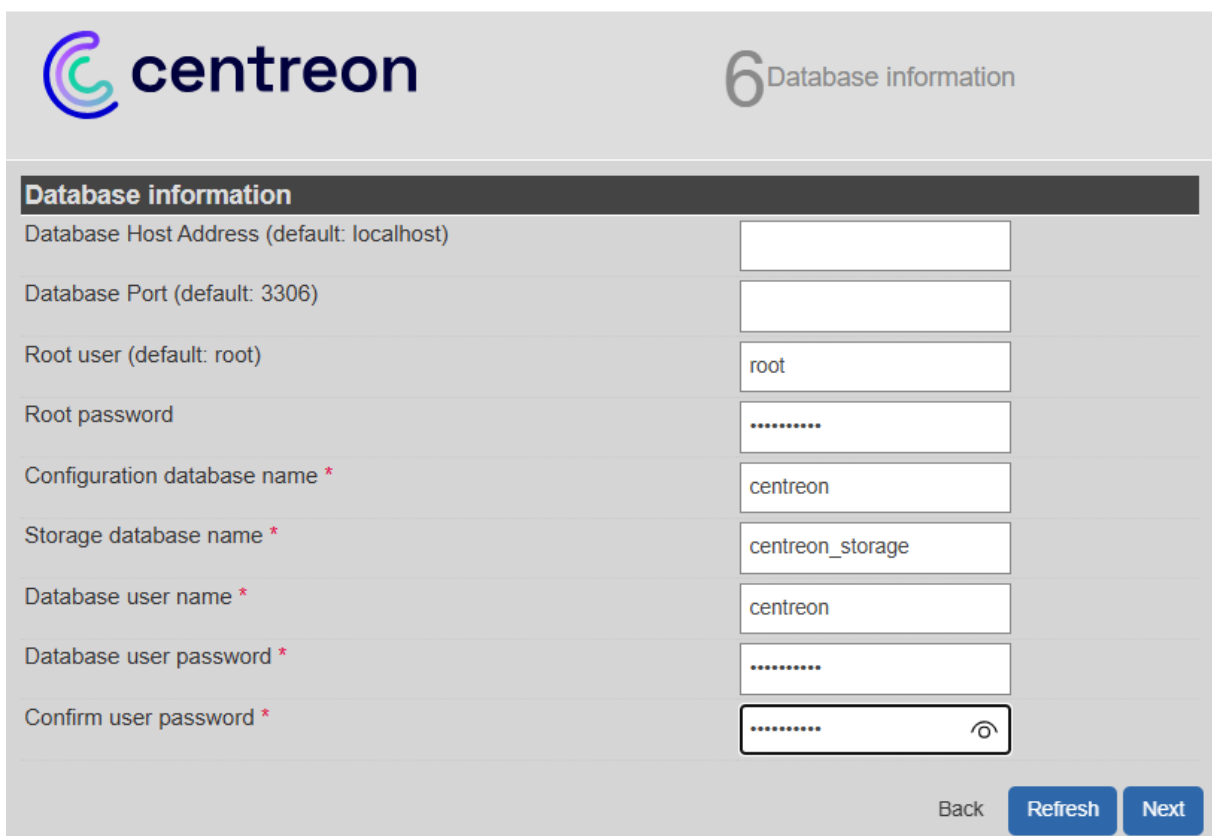
Login	admin
Password *
Confirm password *
First name *	btssio
Last name *	btssio
Email *	btssio@gmail.com

At the bottom right, there are three buttons: 'Back', 'Refresh', and 'Next'.


Puis cliquer sur next.

Fournissez les informations de connexion à l'instance de base de données :

Mdp :Btssio2024



The screenshot shows the 'Database information' configuration page in Centreon. The page header includes the Centreon logo and the title '6 Database information'. The form contains the following fields:

Database Host Address (default: localhost)	
Database Port (default: 3306)	
Root user (default: root)	root
Root password
Configuration database name *	centreon
Storage database name *	centreon_storage
Database user name *	centreon
Database user password *
Confirm user password * 

At the bottom right, there are three buttons: 'Back', 'Refresh', and 'Next'.

Puis cliquer sur next.

Currently installing database and generating cache... please do not interrupt this process.

Step	Status
Setting up configuration file	OK
Configuration database	OK
Storage database	OK
Creating database user	OK
Setting up basic configuration	OK
Partitioning database tables	OK
Generating application cache	OK

[Next](#)

Quand le processus est terminé, cliquez sur **Next**.

L'installation est terminée, cliquez sur **Finish**.

Thank you for installing **Centreon**

We hope you will enjoy your monitoring experience



Centreon uses a telemetry system and a Centreon Customer Experience Improvement Program whereby anonymous information about the usage of this server may be sent to Centreon. This information will solely be used to improve the software user experience. You will be able to opt-out at any time about CEIP program through administration menu. Refer to ceip.centreon.com for further details.

Vous pouvez maintenant vous connecter en utilisant le compte **admin**, et initialiser la supervision.s



Login

Alias *

Password *

Connect

Powered by Centreon
v. 24.10.13

Alias : admin

mdp : Btssio2024\$5

Pour démarrer les processus de supervision :

1. Depuis l'interface web, rendez-vous dans le menu **Configuration > Collecteurs**.

Configuration > Collecteurs

Collecteur **Rechercher** Filtres

+ Ajouter **+ Ajouter (avancé)**

Exporter la configuration **Dupliquer** 30

Supprimer

<input type="checkbox"/>	Nom	Adresse IP	Type de serveur	En cours d'exécution ?	Changement de configuration *	PID	Uptime	Dernière mise à jour	Version	Défaut	Statut	Actions	Options
<input type="checkbox"/>	Central	127.0.0.1	Central	NON	NON	-	-	-	N/A	Oui	ACTIVÉ		1

30

2. Sélectionnez le collecteur **Central** dans la liste et cliquez sur **Exporter la configuration**.
3. Cochez **Déplacer les fichiers générés** en plus de la sélection par défaut et cliquez sur **Exporter**.

4. Connectez-vous au serveur Central.

5. Démarrez/redémarrez les processus de collecte :

```
systemctl restart cbd centengine
```

6. Redémarrez le gestionnaire de tâches :

```
systemctl restart gorgoned
```

7. Démarrez les services de supervision passive :

```
systemctl start snmptrapd centreontrapd
```

8. Si vous voulez superviser ce serveur, démarrer le démon SNMP :

```
systemctl start snmpd
```

```
root@centreon:~# systemctl restart cbd centengine
root@centreon:~# systemctl restart gorgoned
root@centreon:~# systemctl start snmptrapd centreontrapd
root@centreon:~# systemctl start snmpd
root@centreon:~#
```

La supervision est maintenant opérationnelle.