

## Procédure d'installation Cacti 0.8.8h

Prérequis – Téléchargement des fichiers et extractions des « .zip » :

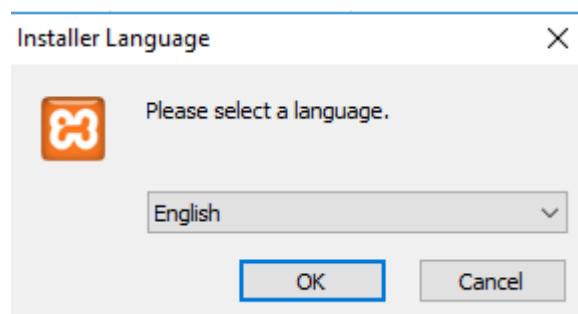
- Cacti 0.8.8h → <https://www.cacti.net/downloads/>
- RDDtool → <https://oss.oetiker.ch/rrdtool/>
- Spine → [https://www.cacti.net/spine\\_download.php](https://www.cacti.net/spine_download.php)
- Net-SNMP → <https://sourceforge.net/projects/net-snmp/files/net-snmp%20binaries/5.4.2.1%20binaries/>
- Cygwin → <https://www.cygwin.com/>
- Xampp → <https://sourceforge.net/projects/xampp/files/XAMPP%20Windows/1.7.7/>

1. Installation de Xampp.

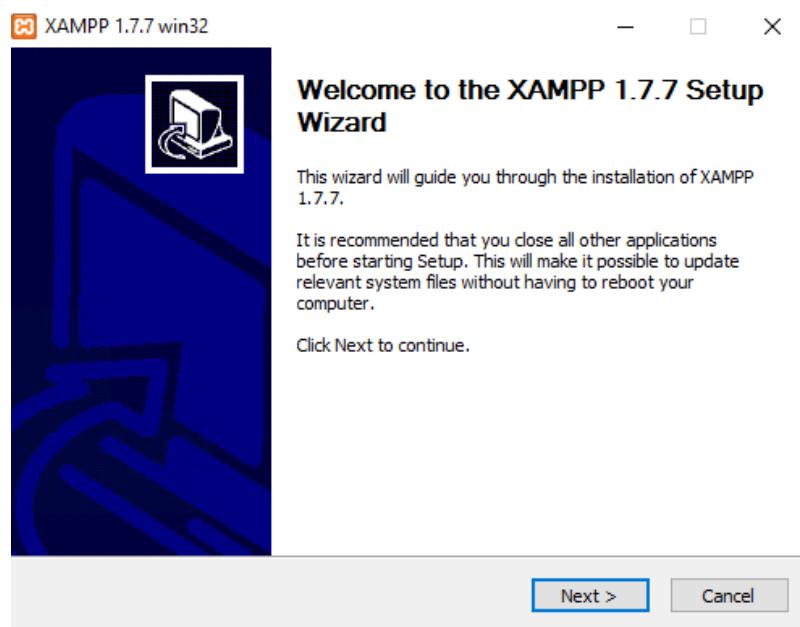
a) Exécutez le fichier installateur de Xampp 1.7.7

This PC > Data (D:) > Cacti install			
Name	Date modified	Type	Size
cacti	07/11/2019 09:47	File folder	
rrdtool	07/11/2019 09:39	File folder	
spine	07/11/2019 09:40	File folder	
net-snmp-5.6.1.1-1.x86	06/11/2019 20:30	Application	4 071 KB
npp.7.8.1.Installer	06/11/2019 20:46	Application	3 616 KB
setup-x86_64	06/11/2019 19:56	Application	1 197 KB
xampp-win32-1.7.7-VC9-installer	06/11/2019 21:46	Application	82 893 KB

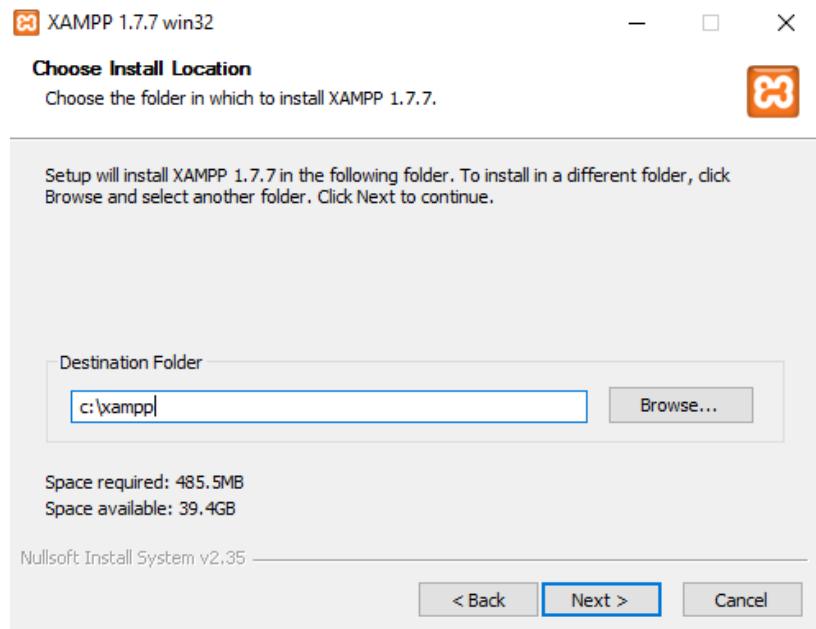
b) Sélectionnez la langue.



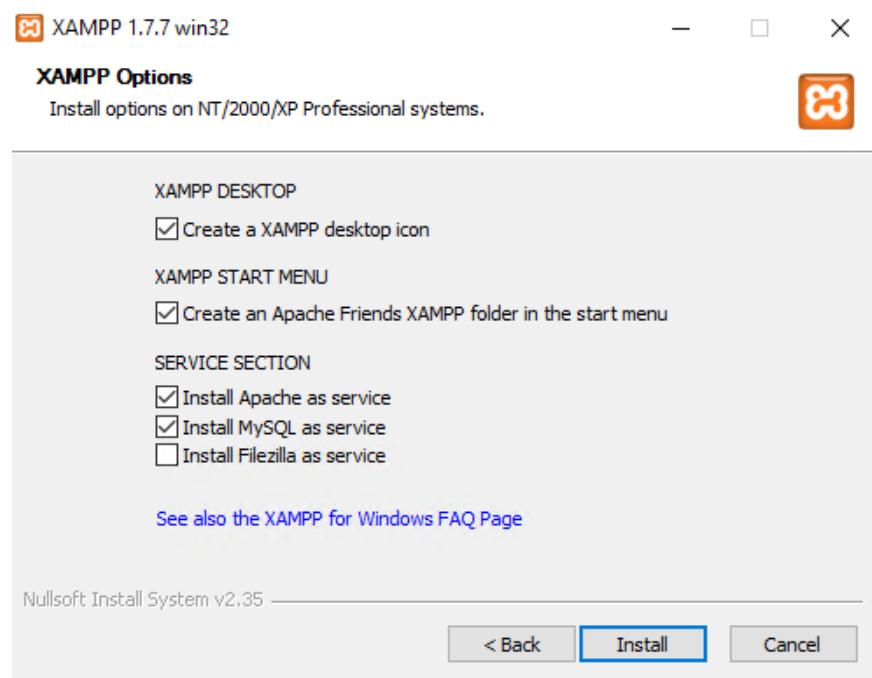
c) Cliquez sur « Next ».



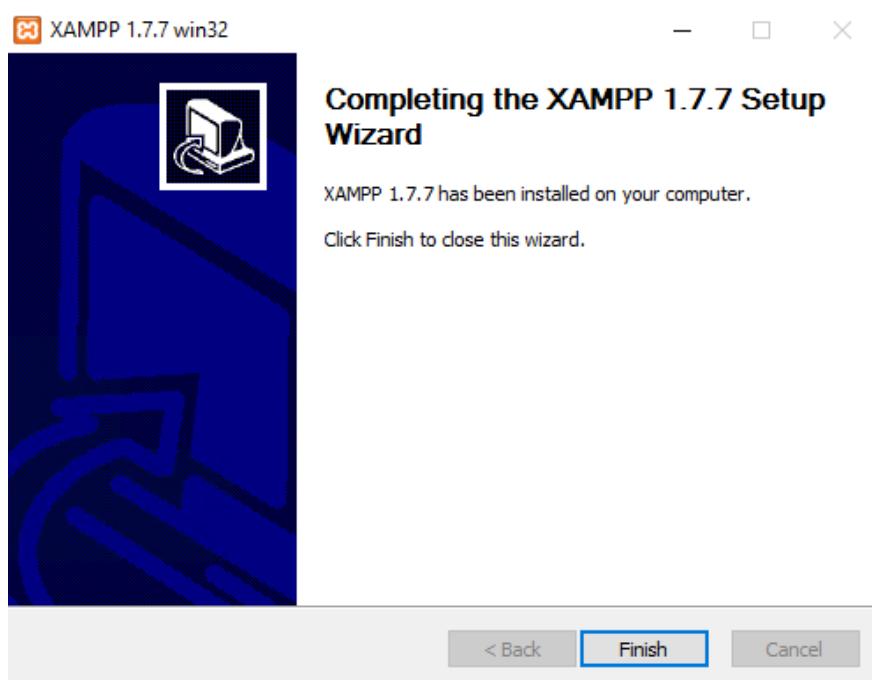
d) Ne pas toucher à l'emplacement par défaut et cliquez sur « Next ».



- e) Cochez les cases « Install Apache as service » et « Install MySQL as service ». Cliquez sur « Install ».

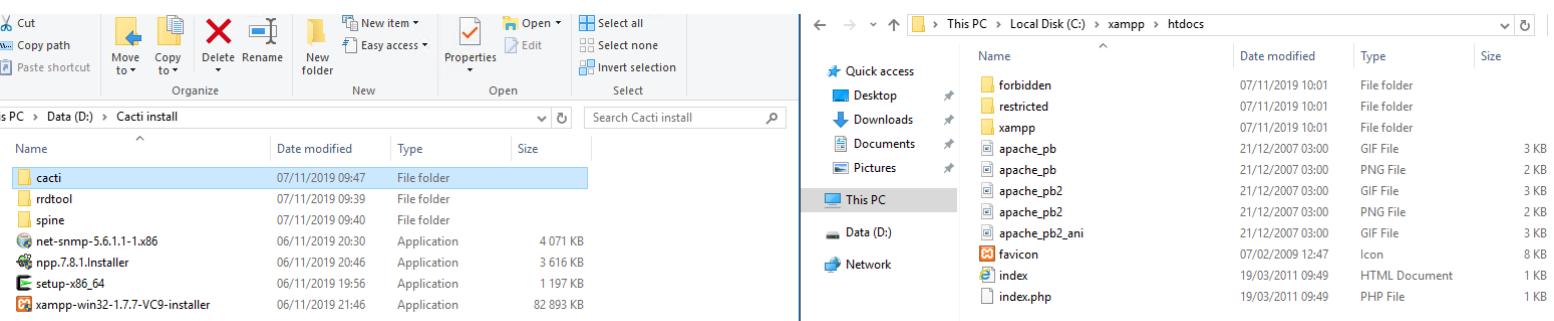


- f) Cliquez sur « Finish ».



## 2. Installation de Cacti.

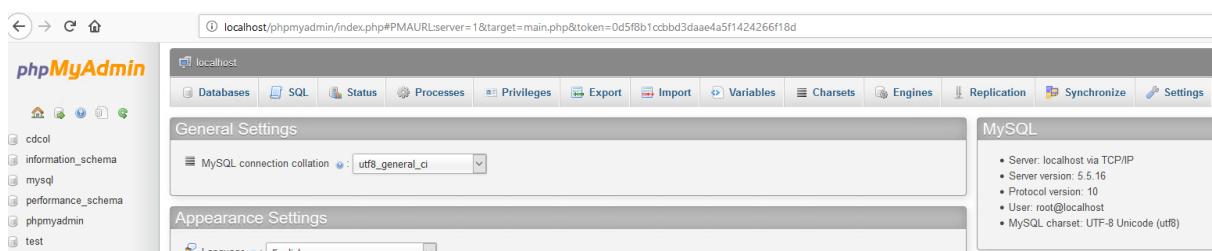
- a) Copiez le fichier « Cacti ». Et collez dans : C:\xampp\htdocs



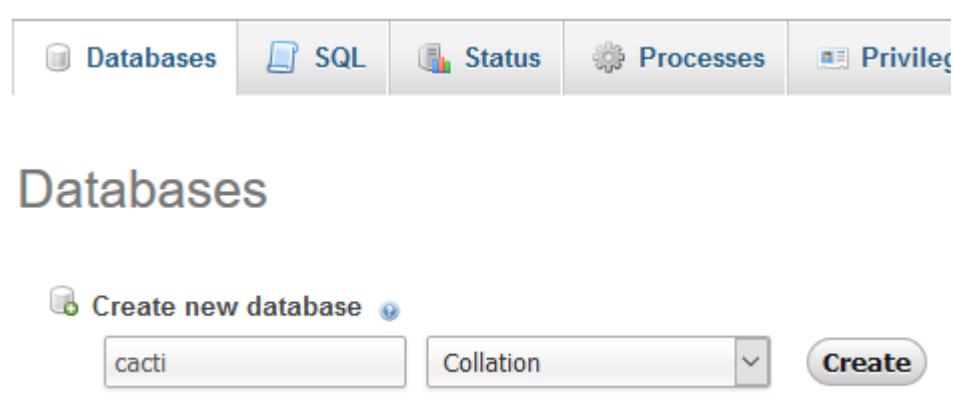
- b) Lancez un navigateur. Dans la barre d'URL, renseignez « localhost/cacti ». Vous devriez avoir le message comme ci-dessous.



- c) Nous devons désormais configurer Mysql. Pour ce faire nous allons utiliser PhpMyAdmin. Pour cela, lancez un navigateur. Dans la barre d'URL, renseignez « localhost/phpmyadmin ».



- d) Allez dans l'onglet « Databases », renseignez le nom « cacti » et cliquez sur « Create » comme ci-dessous.



- e) Sélectionnez la database « cacti ». Dans l'onglet « Privileges », cliquez sur « Add a new User ».

localhost ▶ cacti

Structure SQL Search Query Export Import Operations Privileges

Users having access to "cacti"

User	Host	Type	Privileges	Grant	Action
root	127.0.0.1	global	ALL PRIVILEGES	Yes	<a href="#">Edit Privileges</a>
root	localhost	global	ALL PRIVILEGES	Yes	<a href="#">Edit Privileges</a>

[Add a new User](#)

- f) Renseignez les informations comme ci-dessous et cliquez sur « GO ».

### Add a new User

**Login Information**

User name:	<input type="text" value="cacti"/>
Host:	<input type="text" value="Any host"/>
Password:	<input type="password" value="*****"/>
Re-type:	<input type="password" value="*****"/>
Generate password:	<input type="button" value="Generate"/>

**Database for user**

None  
 Create database with same name and grant all privileges  
 Grant all privileges on wildcard name (username\%)  
 Grant all privileges on database "cacti"

**Global privileges (Check All / Uncheck All)**

Note: MySQL privilege names are expressed in English

<b>Data</b>	<b>Structure</b>	<b>Administration</b>	<b>Resource limits</b>
<input checked="" type="checkbox"/> SELECT <input checked="" type="checkbox"/> INSERT <input checked="" type="checkbox"/> UPDATE <input checked="" type="checkbox"/> DELETE <input checked="" type="checkbox"/> FILE	<input checked="" type="checkbox"/> CREATE <input checked="" type="checkbox"/> ALTER <input checked="" type="checkbox"/> INDEX <input checked="" type="checkbox"/> DROP <input checked="" type="checkbox"/> CREATE TEMPORARY TABLES <input checked="" type="checkbox"/> SHOW VIEW <input checked="" type="checkbox"/> CREATE ROUTINE <input checked="" type="checkbox"/> ALTER ROUTINE <input checked="" type="checkbox"/> EXECUTE <input checked="" type="checkbox"/> CREATE VIEW <input checked="" type="checkbox"/> EVENT <input checked="" type="checkbox"/> TRIGGER	<input checked="" type="checkbox"/> GRANT <input checked="" type="checkbox"/> SUPER <input checked="" type="checkbox"/> PROCESS <input checked="" type="checkbox"/> RELOAD <input checked="" type="checkbox"/> SHUTDOWN <input checked="" type="checkbox"/> SHOW DATABASES <input checked="" type="checkbox"/> LOCK TABLES <input checked="" type="checkbox"/> REFERENCES <input checked="" type="checkbox"/> REPLICATION CLIENT <input checked="" type="checkbox"/> REPLICATION SLAVE <input checked="" type="checkbox"/> CREATE USER	<small>Note: Setting these options to 0 (zero) removes the limit.</small> MAX QUERIES PER HOUR <input type="text" value="0"/> MAX UPDATES PER HOUR <input type="text" value="0"/> MAX CONNECTIONS PER HOUR <input type="text" value="0"/> MAX USER CONNECTIONS <input type="text" value="0"/>

g) Toujours dans l'onglet « Privileges ». Cliquez sur « Edit Privileges ».

Users having access to "cacti"					
User	Host	Type	Privileges	Grant	Action
cacti	%	global	ALL PRIVILEGES	Yes	Edit Privileges
		database-specific	ALL PRIVILEGES	No	Edit Privileges
root	127.0.0.1	global	ALL PRIVILEGES	Yes	Edit Privileges
root	localhost	global	ALL PRIVILEGES	Yes	Edit Privileges

h) Cochez la case « GRANT ». Puis cliquez sur « GO ».

### Edit Privileges: User 'cacti'@'%' - Database cacti

Database-specific privileges (Check All / Uncheck All)

Note: MySQL privilege names are expressed in English

SELECT  
 INSERT  
 UPDATE  
 DELETE

CREATE  
 ALTER  
 INDEX  
 DROP  
 CREATE TEMPORARY TABLES  
 SHOW VIEW  
 CREATE ROUTINE  
 ALTER ROUTINE  
 EXECUTE  
 CREATE VIEW  
 EVENT  
 TRIGGER

GRANT  
 LOCK TABLES  
 REFERENCES

i) Dans l'onglet « Import », cliquez sur « Parcourir ».

Importing into the database "cacti"

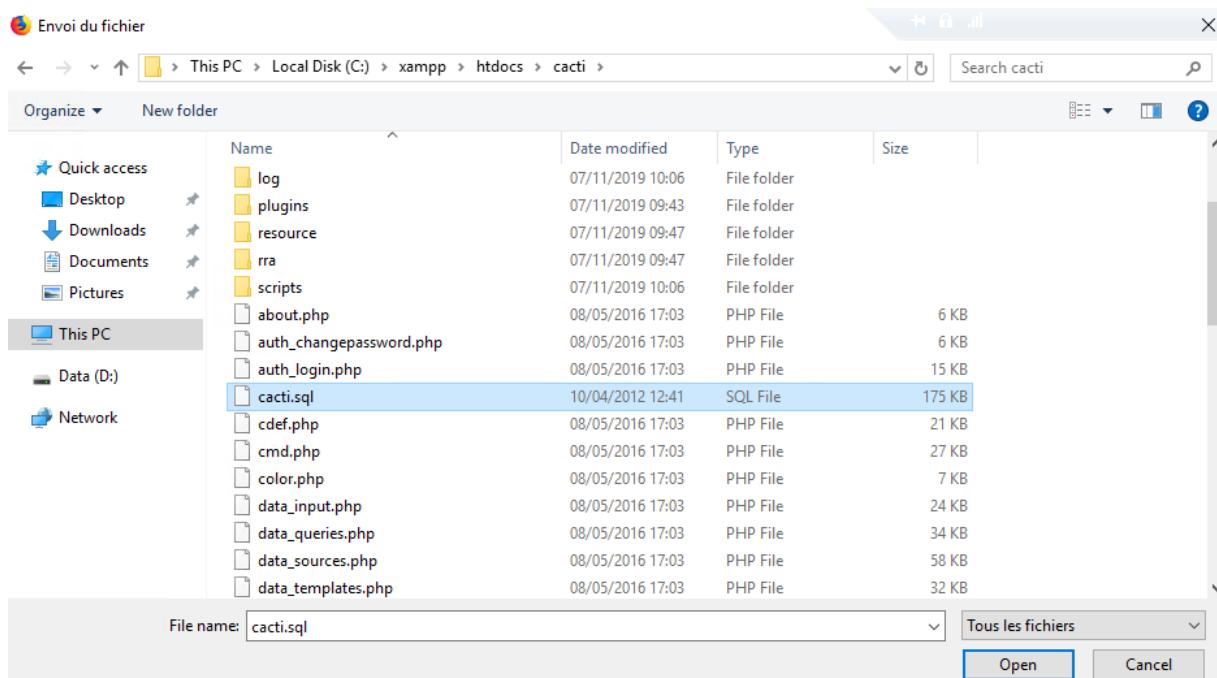
**File to Import:**

File may be compressed (gzip, bzip2, zip) or uncompressed.  
A compressed file's name must end in **.[format].[compression]**. Example: **.sql.zip**

Browse your computer:  Aucun fichier sélectionné. (Max: 8,192KiB)

Character set of the file:

- j) Sélectionnez le fichier « cacti.sql » situé dans : C:\xampp\htdocs\cacti  
 Cliquez sur « Open ». Puis « GO ».



- k) L'import devrait se terminer correctement.

Import has been successfully finished, 1686 queries executed. (cacti.sql)

## Importing into the database "cacti"

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Browse your computer:  Aucun fichier sélectionné. (Max: 8,192K)

Character set of the file:

### Partial Import:

Allow the interruption of an import in case the script detects it is close to the f

Number of rows to skip, starting from the first row:

### Format:

### Format-Specific Options:

SQL compatibility mode:

Do not use AUTO\_INCREMENT for zero values

### 3. Configuration de Cacti.

- a) Modifiez le fichier config.php situé dans C:\xampp\htdocs\cacti\include  
Renseignez le nom de la base, l'utilisateur et son mot de passe.

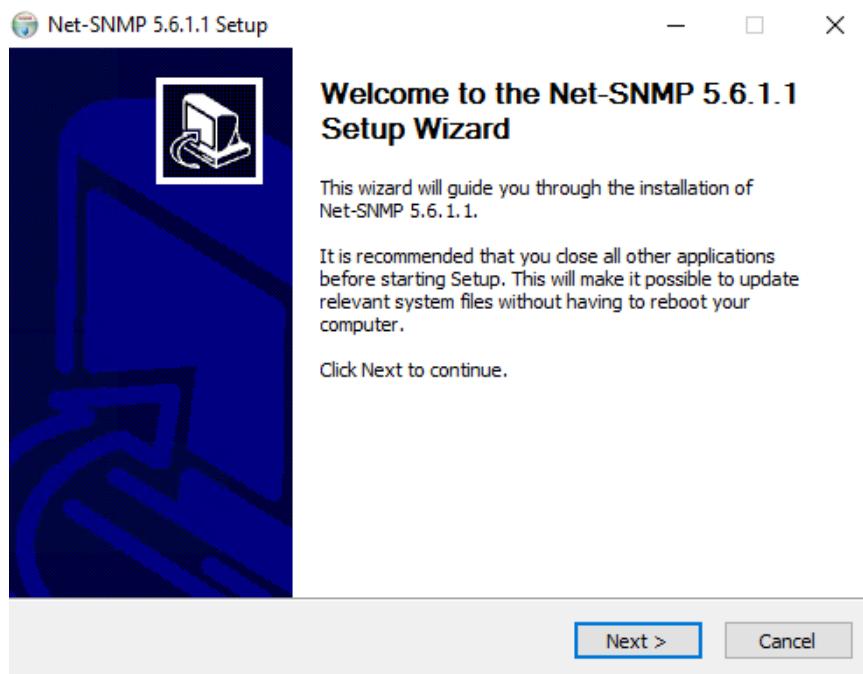
```
$database_type = "mysql";
$database_default = "cacti";
$database_hostname = "localhost";
$database_username = "cactiuser";
$database_password = "cactiuser";
$database_port = "3306";
$database_ssl = false;
```

- b) Copiez à la racine du C : les dossiers suivants : RRDtool et Spine.

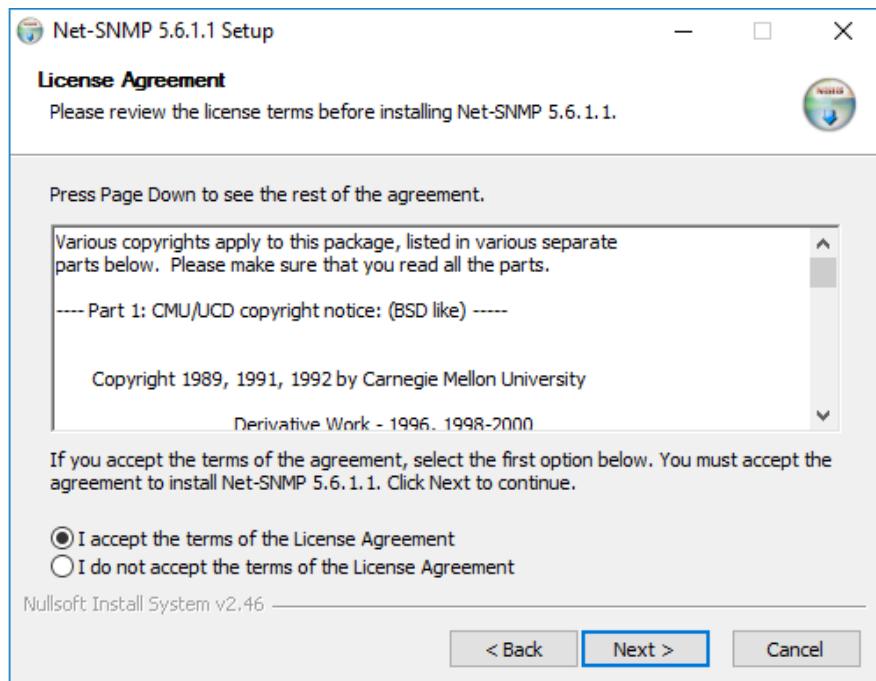
cacti	07/11/2019 09:47	File folder
rrdtool	07/11/2019 09:39	File folder
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setup-x86_64	06/11/2019 19:56	Application 1 197 KB
xampp-win32-1.7.7-VC9-installer	06/11/2019 21:46	Application 82 893 KB

access	Clipboard	to	to	folder	New	Op
← → ↑ ↓	This PC > Local Disk (C:)					
★ Quick access		Name		Date modified	Type	
Desktop		Logs		12/09/2016 13:35	File folder	
Downloads		PerfLogs		05/11/2019 17:04	File folder	
Documents		Program Files		07/11/2019 10:13	File folder	
Pictures		Program Files (x86)		07/11/2019 10:13	File folder	
This PC		Users		06/11/2019 10:37	File folder	
Desktop		Windows		05/11/2019 17:05	File folder	
Documents		xampp		07/11/2019 10:02	File folder	
Downloads						
Music						

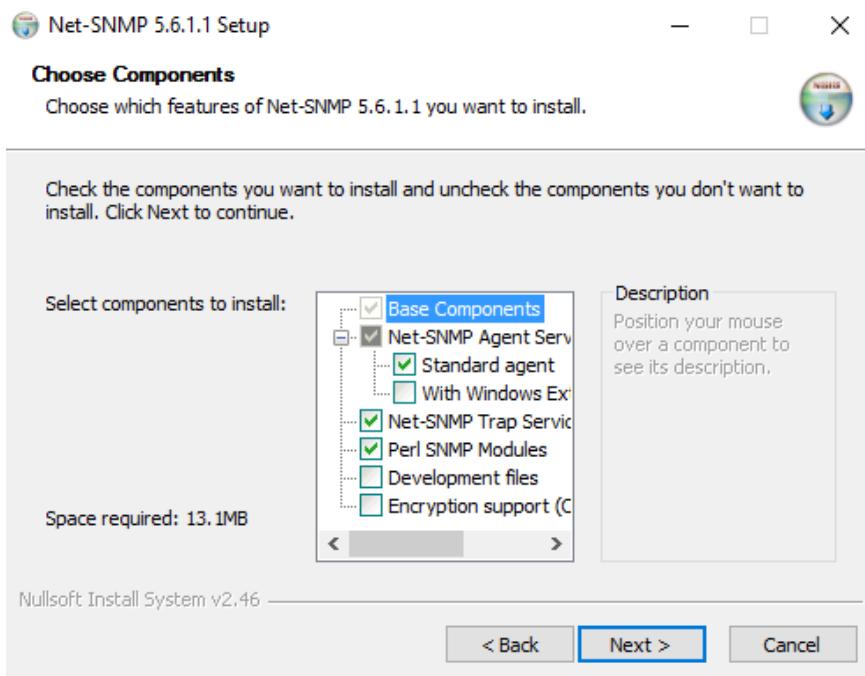
- c) Exécutez l'installateur net-snmp. Cliquez sur « Next ».



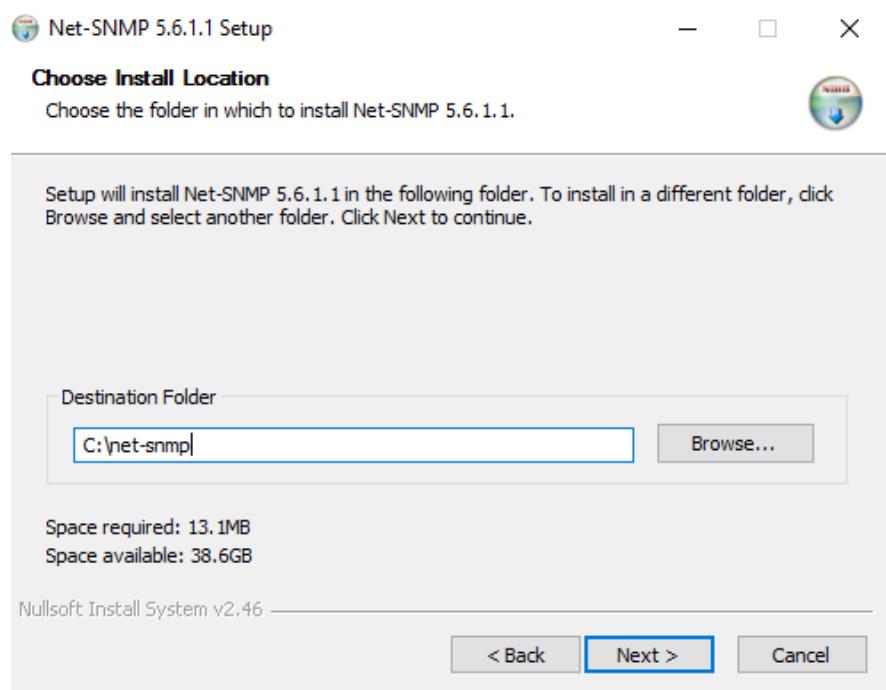
d) Acceptez la licence et cliquez sur « Next ».



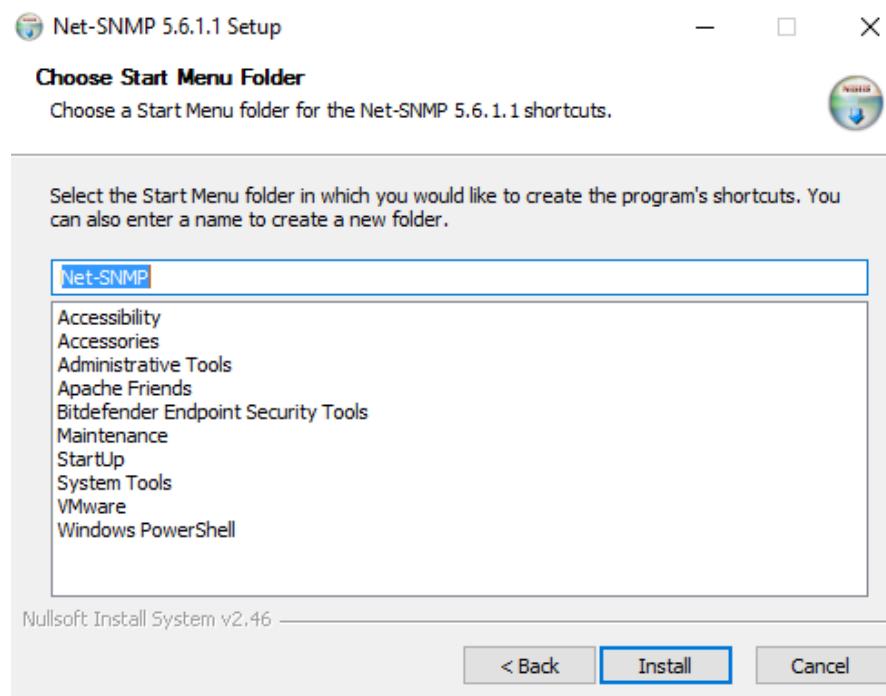
e) Cliquez sur « Next ».



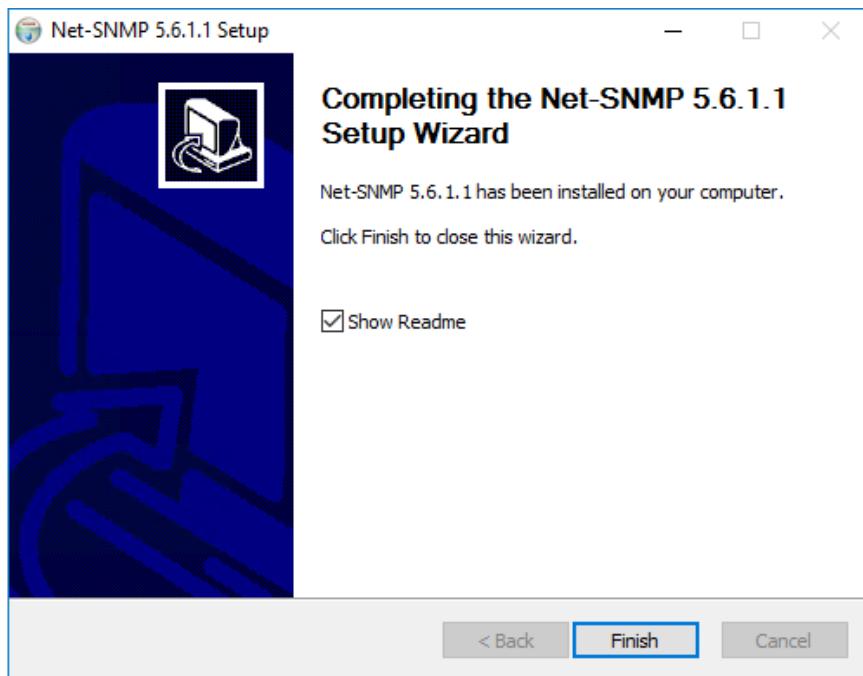
- f) Changez le chemin d'installation : C:\net-snmp  
Cliquez sur « Next ».



- g) Cliquez sur « Install ».



h) Cliquez sur « Finish ».



i) Dans le navigateur, renseignez l'URL : localhost/cacti  
Cliquez sur « Next ».

A screenshot of a web browser showing the "Cacti Installation Guide" page. The URL in the address bar is "localhost/cacti/install/". The page content includes a header "Cacti Installation Guide", a thank you message, installation requirements, upgrade information, license terms, and a copyright notice. At the bottom right is a "Next" button.

j) Laisser Nouvelle Installation, et cliquez sur « Next ».

**Cacti Installation Guide**

Please select the type of installation

The following information has been determined from Cacti's configuration file. If it is not correct, please edit 'include/config.php' before continuing.

Database User: root  
Database Hostname: localhost  
Database: cacti  
Server Operating System Type: win32

k) Il devrait trouver tous les fichiers sauf le php. Il faut renseigner le chemin comme ci-dessous. Et cliquez sur « Finish ».

**Cacti Installation Guide**

Make sure all of these values are correct before continuing.

**[FOUND] RRDTool Binary Path:** The path to the rrdtool binary.  
  
[OK: FILE FOUND]

**[NOT FOUND] PHP Binary Path:** The path to your PHP binary file (may require a php recompile to get this file).  
  
[ERROR: FILE NOT FOUND]

**[FOUND] snmpwalk Binary Path:** The path to your snmpwalk binary.  
  
[OK: FILE FOUND]

**[FOUND] snmpget Binary Path:** The path to your snmpget binary.  
  
[OK: FILE FOUND]

**[FOUND] snmpbulkwalk Binary Path:** The path to your snmpbulkwalk binary.  
  
[OK: FILE FOUND]

**[FOUND] snmpgetnext Binary Path:** The path to your snmpgetnext binary.  
  
[OK: FILE FOUND]

**[FOUND] Cacti Log File Path:** The path to your Cacti log file.  
  
[OK: FILE FOUND]

**RRDTool Utility Version:** The version of RRDTool that you have installed.

**NOTE:** Once you click "Finish", all of your settings will be saved and your database will be upgraded if this is an upgrade. You can change any of the settings on this screen at a later time by going to "Cacti Settings" from within Cacti.



Par défaut les identifiants utilisateur et mot de passe de Cacti est : admin

Il est donc préférable de changer de mot de passe.