I. Installation de Cacti

```
cd /var/www/
tar xzvf /usr/src/cacti-0.8.7e.tar.gz
mv cacti-0.8.7e cacti
cd cacti
```

Création de l'utilisateur Cacti :
```
sudo useradd cactiuser -d /var/www/cacti && sudo passwd cactiuser
```

Création de la base et de l'utilisateur mysql "cacti" :
```
mysqladmin -u root -p create cacti
mysql -u root -p cacti < cacti.sql
```

```
mysql -u root -p mysql
GRANT ALL ON cacti.* TO cactiuser@localhost IDENTIFIED BY 'password_cactiuser';
FLUSH PRIVILEGES;
exit
```

Modifier le fichier config.php: *nano /var/www/cacti/include/config.php*
```
$database_type = "mysql";
$database_default = "cacti";
$database_hostname = "localhost";
$database_username = "cactiuser";
$database_password = "password_cactiuser";
$database_port = "3306";
```

Afin que l'utilisateur cactiuser puisse créer les graphiques, les droits de rra/ et log/ doivent être modifiés:
```
chown -R cactiuser:cactiuser /var/www/cacti/rra/ /var/www/cacti/log/
```

```
su - cactiuser
crontab -e
*/5 * * * * php /var/www/cacti/poller.php > /tmp/poller.log 2>&1
```

Application du correctif pour la version 0.8.7e :
```
cd /var/www/cacti/
7z x /usr/src/patch_cacti_0.8.7e.zip
patch -p1 -N < cli_add_graph.patch
patch -p1 -N < snmp_invalid_response.patch
patch -p1 -N < template_duplication.patch
patch -p1 -N < fix_icmp_on_windows_iis_servers.patch
patch -p1 -N < cross_site_fix.patch
```

II. Installation Cacti Plugin Architecture

```
7z x cacti-plugin-0.8.7e-PA-v2.6.zip
```

Édition du fichier cacti-plugin-0.8.7e-PA-v2.6.diff :

```
cp  cacti-plugin-arch/* /var/www/cacti/ -R
sudo mysql -u cactiuser -p cacti < pa.sql
patch -p1 -N < cacti-plugin-0.8.7e-PA-v2.6.diff
nano include/global.php
      $database_password = "cacti";
      $config['url_path'] = '/cacti/';
```

III. Installation Plugin PHP Weathermap

```
cd /var/www/cacti/plugins/
7z x /usr/src/php-weathermap-0.96a.zip
nano /var/www/cacti/include/global.php
      Après la ligne "$plugins = array();"
      $plugins[] = 'weathermap';

nano /var/www/cacti/plugins/weathermap/cacti-pick.php
Modifier la ligne : fullpath = datasource.replace(/<path_rra>/, rra_path + '/rra');
fullpath = datasource.replace(/<path_rra>/, '/var/www/cacti/rra');
nano /var/www/cacti/plugins/weathermap/editor-config.php-dist
      $cacti_base = '/var/www/cacti';
      $cacti_url = "http://"adresse_serveur"/cacti/";
chown www-data:www-data /var/www/cacti/plugins -R
chmod 757 /var/www/cacti/plugins/weathermap/output
```

Interface WEB Cacti → Onglet " Console " → "Utilities" → "User Management" → " *Utilisateur* " → Cocher la case " *Plugin -> Weathermap: Configure/Manage* " & " *Plugin -> Weathermap: View*" si nécessaire.

Si il y a cette erreur sur l'interface cacti : " *Notice: Undefined index: action in / var / www / cacti / plugins / weathermap / setup.php on line 146* "

```
nano /var/www/cacti/plugins/weathermap/setup.php
Modifier la ligne : if ($_REQUEST['action'] == 'viewmapcycle')
if (isset( $_REQUEST["action"] ) && $_REQUEST["action"] == 'viewmapcycle')
```