

Observium installation

First you start by following the instructions here:

http://www.observium.org/wiki/Ubuntu_SVN_Installation

There are currently (as of 12 June 2013) two errors on the above page, and one specific step you should take:

1. Instead of doing:

```
# svn co http://www.observium.org/svn/observer/trunk observium
```

you need to go to:

http://www.observium.org/wiki/Main_Page

and look down the page for the "Current stable revision : " text. The number of the current revision will be listed. As of 12 June 2013 this was 3763.

Replace the initial command listed above with (as root):

```
# svn co -r 3763 http://www.observium.org/svn/observer/trunk observium
```

2. Install PEAR Net_IPv4 and Net_IPv6 packages:

Once you have run the "svn co" command (subversion checkout) you need to manually add the PHP Extension and Application Repository (PEAR) Net_IPv4 and Net_IPv6 packages. To do, as root,

```
# pear install Net_IPv4
# pear install Net_IPv6
```

3. Create an admin user with class password

In the step where you are asked to do:

```
# cd /opt/observium
# ./adduser.php <username> <password> <level>
```

Do this:

```
# cd /opt/observium
# ./adduser.php admin <CLASS_PASSWORD> 10
```

At this point the following is installed:

- the software dependencies described in the above URL have been installed
- a sample vhost definition has been placed in
/etc/apache2/sites-enabled/observium
- a database has been created and populated with the Observium schema
- directories have been created for the RRDs and the logs, and have the correct permissions
- a sample config.php is in place
- a sample user (admin + class password) has been created

What remains to be done:

- update the preinstalled vhost definition (change observiumX)
- modify the config.php and update the SNMP community and subnets
- enable cron jobs
- add at least 1 host

These last steps are part of the observium-lab1.txt