

# Observium

- [Integration de RANCID dans Observium](#)

# Integration de RANCID dans Observium

Rancid permet de récupérer les confs des différents équipements réseau de votre infra

## Installation de RANCID

```
apt install rancid subversion
```

## Configuration de RANCID

```
nano /etc/rancid/rancid.conf

LIST_OF_GROUPS="observium"
CVSROOT=$BASEDIR/SVN; export CVSROOT
RCSSYS=svn; export RCSSYS
```

## Création de la structure:

```
su - rancid
/var/lib/rancid/bin/rancid-cvs
```

## Configuration de la connexion

```
nano /var/lib/rancid/.cloginrc

add autoenable * 1
add method * telnet
add user * admin
add password * password1
```

## Test de la connexion au routeur

```
su - rancid
/var/lib/rancid/bin/clogin 10.10.1.254
```

```
10.10.1.254
spawn telnet -K 10.10.1.254
Trying 10.10.1.254...
Connected to 10.10.1.254.
Escape character is '^]'.
Interdit aux mechants hackeurs !
User Access Verification

Username: admin
Password:

R1#
R1#
```

La connexion devrait être automatique

## Intégration dans Observium

```
nano /opt/observium/config.php

$config['rancid_configs'][]      = "/var/lib/rancid/observium/configs/";
$config['rancid_ignorecomments'] = 0;
$config['rancid_version'] = '3';
```

## Reload d'Apache

```
systemctl restart apache2
```

## Génération du fichier router.db

```
php /opt/observium/scripts/generate-rancid.php
# RANCID router.db autogenerated by /opt/observium/scripts/generate-rancid.php
# Used RANCID version detected on system: 3.9
# Do not edit this file directly!

10.10.1.254;cisco;up
```

## Dump du fichier router.db dans la config de RANCID

```
php /opt/observium/scripts/generate-rancid.php > /var/lib/rancid/observium/router.db
```

Lancer la récupération des fichiers de conf:

```
/var/lib/rancid/bin/rancid-run
```

Vous deviez voir votre configuration directement dans Observium !



The screenshot shows the Observium web interface. The top navigation bar includes links for Overview, Graphs, Health, Ports, VLANs, Routing, Inventory, Logs, Alerts, and Config. The 'Config' tab is active, showing a list of configurations with 'Latest [r8, 2019-12-17 09:38:04]' and '[r6, 2019-12-17 09:37:52]' selected. Below the navigation bar, there is a link to 'Show difference with previous revision (r6):'. The main content area is titled 'Device configuration:' and displays a list of configuration lines for a Cisco C881-K9 router. The lines are numbered 1 through 19. The configuration includes details about the device type, memory, processor, and software image. A table at the bottom of the configuration list shows the device details.

Device#	PID	SN	UDI
*1	C881-K9	FCZ1841C1T8	C881-K9:FCZ1841C1T8

Pour automatiser la récupération des configs, rajouter les lignes suivantes dans crontable

```
crontable -e
```

```
0 5 * * * /var/lib/rancid/bin/rancid-run
```

```
#hourly router dump
```

```
50 23 * * * /usr/bin/find /var/lib/rancid/logs -type f -mtime +2 -exec rm {} \;
```