

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
RCSYS=svn; export RCSYS
```

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 !

Overview

Graphs

Health

Ports

VLANs

Routing

Inventory

Logs

Alerts

Config

Config

Latest [r8, 2019-12-17 09:38:04] [r6, 2019-12-17 09:37:52]

Show difference with previous revision (r6):

Device configuration:

1. !RANCID-CONTENT-TYPE: cisco

2. !

3. !Chassis type: C881-K9

4. !

5. !Memory: main 472064K/52224K

6. !Memory: nvram 255K

7. !

8. !Processor ID: FCZ1841C1T8

9. !

10. !

11. !Image: Software: C800-UNIVERSALK9-M, 15.4(3)M, RELEASE SOFTWARE (fc1)

12. !Image: Compiled: Tue 22-Jul-14 00:11 by prod_rel_team

13. !Image: flash:c800-universalk9-mz.SPA.154-3.M.bin

14. !

15. !ROM Bootstrap: Version 15.4(1r)T1, RELEASE SOFTWARE (fc1)

16. !

17. ! Device# PID SN UDI

18. ! -----

19. ! *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 {} \;
```

Revision #4

Created 4 February 2020 15:09:44 by Cécile

Updated 17 February 2020 11:04:48 by Cécile