

- [?? Plugin - HostStats](#)
- [?? Plugin - PortTracker](#)

## Plugin - SURFmap

- <http://tanzih.blogspot.tw/2015/12/netflow-nfsen.html>

??????

- <http://repoforge.org/use/>

```
wget http://pkgs.repoforge.org/rpmforge-release/rpmforge-release-0.5.3-1.el6.rf.x86_64.rpm
rpm -ivh rpmforge-release-0.5.3-1.el6.rf.x86_64.rpm
yum install httpd php php-gd php-mbstring php-mysql perl-rrdtool rrdtool rrdtool-devel rrdutils flex
byacc perl-Socket6 perl-MailTools perl-Mail-Sender gcc gcc-c++ kernel-devel perl-core
```

## ?? Nfdump

```
cd /usr/local/src/
wget https://sourceforge.net/projects/nfdump/files/stable/nfdump-1.6.13/nfdump-1.6.13.tar.gz/download
tar zxvf nfdump-1.6.13.tar.gz
cd nfdump-1.6.13/
./configure --enable-nfprofile --with-rrdpath=/usr/bin
make
make install
```

## ?? Nfsen

```
cd /usr/local/src/
wget https://sourceforge.net/projects/nfsen/files/stable/nfsen-1.3.6p1/nfsen-1.3.6p1.tar.gz/download
tar zxvf nfsen-1.3.6p1.tar.gz
cd nfsen-1.3.6p1/
cp etc/nfsen-dist.conf etc/nfsen.conf
vi etc/nfsen.conf
```

```
$BASEDIR = "/usr/local/nfsen";           #?21?
$HTMLDIR  = "/var/www/html/nfsen/";     #?39?
$USER     = "apache";                   #?91?
$WWWUSER  = "apache";                   #?95?
$WWWGROUP = "apache";                   #?96?
```

```
###flow?? #?162?
#(RouterBoard?udp 9995?????????????????udp port)
%sources = (
    'device1' => { 'port' => '9995', 'col' => '#0000ff', 'type' => 'netflow' },
    'device2' => { 'port' => '9996', 'col' => '#00ff00', 'type' => 'netflow' },
```

```
'device3' => { 'port' => '9997', 'col' => '#ffff00', 'type' => 'netflow' },
);
```

????

```
mkdir -p /usr/local/nfsen
./install.pl etc/nfsen.conf
```

Perl to use: [/usr/bin/perl] <ENTER>

?? **php.ini**

```
sed -i 's;/date\.timezone =.*/date\.timezone = \"Asia\/Taipei\"/g' /etc/php.ini
```

?? **Nfsen**

```
/usr/local/nfsen/bin/nfsen start
service httpd restart
chkconfig httpd on
```

?? **Web**

```
http://<server.ip.address>/nfsen/nfsen.php
```

**FAQ**

Question: Can't use string ("live") as a HASH ref while "strict refs" in use at libexec/NfProfile.pm line 1238

Solution: Install version 1.3.6p1 instead of 1.3.7

Change logs from 1.3.6p1 to 1.3.7)

- Fix various incompatibilities with newer php and Perl versions
- Fix empty details graph, if too many channels or resources were selected.
- Fix argument bug in selecting the dstmac statistics
- Fix bug in create history profiles: compression flag was not applied properly
- Add periodic reload feature for Perls with mem leak.