

Установка IPCAD

- [FreeBSD](#)
- [Debian](#)

FreeBSD

<http://sourceforge.net/projects/ipcad/> Демон, собирающий статистику по трафику на компьютере под управлением Linux или FreeBSD, с возможностью экспортирования её по NetFlow.

```
cd /usr/ports/net-mgmt/ipcad/  
make  
make install
```

Правим `/usr/local/etc/ipcad.conf`

```
#  
interface fxp0;  
interface vlan1;  
interface vlan2;  
#  
#capture-ports enable;  
  
# ,  
#aggregate 1024-65535    into 65535;    /* Aggregate wildly */  
#aggregate 3128-3128    into 3128;      /* Protect these ports */  
#aggregate 150-1023     into 1023;      /* General low range */  
  
#      127.0.0.1  9996  
netflow export destination 127.0.0.1 9996;  
netflow export version 5;      # NetFlow export format version {1|5}  
netflow timeout active 30;      # Timeout when flow is active, in minutes  
netflow timeout inactive 15;    # Flow inactivity timeout, in seconds  
netflow engine-type 73;        # v5 engine_type; 73='I' for "IPCAD"  
netflow engine-id 1;           # Useful to differentiate multiple ipcads.  
  
dumpfile = ipcad.dump;  
chroot = /var/ipcad/;  
pidfile = ipcad.pid;  
  
rsh enable at 127.0.0.1;  
memory_limit = 16m;
```

Debian

Устанавливаем нужные пакеты:

```
apt-get install libpcap-dev  
apt-get install build-essential  
apt-get install linux-libc-dev  
apt-get install rsh-client
```

Скачиваем **ipcad**:

```
wget http://lionet.info/soft/ipcad-3.7.3.tar.gz  
tar -xvzf ipcad-3.7.3.tar.gz  
cd ipcad-3.7.3
```

Правим файл `headers.h`:

```
nano headers .h
```

это

```
ifdef HAVE_LINUX_NETLINK_H  
include <linux/netlink.h>  
endif
```

меняем на

```
//ifdef HAVE_LINUX_NETLINK_H  
include <linux/netlink.h>  
//endif
```

В файл main.c добавляем:

```
include "signal.h"
```

В файл pps.c добавляем:

```
include "headers.h"  
include "signal.h"
```

В файл servers.h добавляем:

```
include "signal.h"
```

Дальше делаем установку:

```
./configure  
make  
make install
```

Правим **/usr/local/etc/ipcad.conf**:

```
nano /usr/local/etc/ipcad.conf
```

```
#
interface eth0;
#
#capture-ports enable;

# ,
#aggregate 1024-65535    into 65535;    /* Aggregate wildly */
#aggregate 3128-3128    into 3128;      /* Protect these ports */
#aggregate 150-1023     into 1023;      /* General low range */

# 127.0.0.1 9996
netflow export destination 127.0.0.1 9996;
netflow export version 5;      # NetFlow export format version {1|5}
netflow timeout active 30;     # Timeout when flow is active, in minutes
netflow timeout inactive 15;   # Flow inactivity timeout, in seconds
netflow engine-type 73;       # v5 engine_type; 73='I' for "IPCAD"
netflow engine-id 1;          # Useful to differentiate multiple ipcads.

dumpfile = ipcad.dump;
chroot = /var/ipcad/;
pidfile = ipcad.pid;

rsh enable at 127.0.0.1;
memory_limit = 16m;
```

Создаем папку для логов:

```
mkdir /var/ipcad/
```

Запускаем **ipcad**:

```
ipcad
```

```
/usr/abills/libexec/traffic2sql 1 flowdir=/usr/abills/var/log/ipn/
```