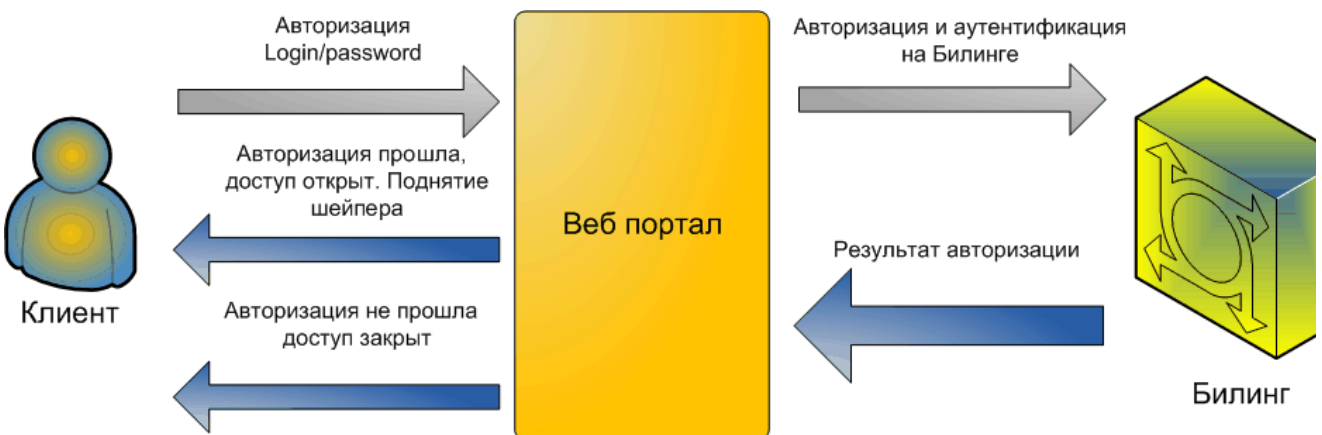
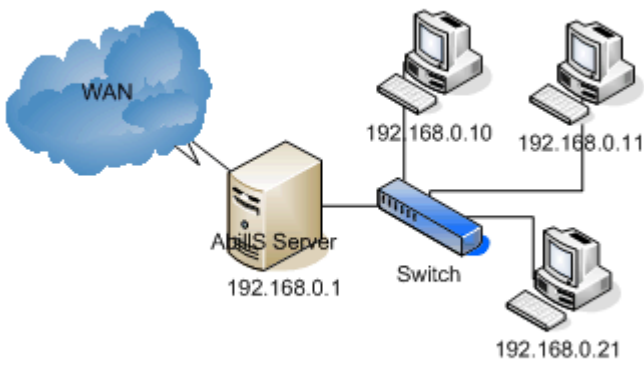


IPoE

-
-
-
-
- Abills
-
-

- 65535
- IP-
-
- Web- 802.1
- Club Monitor -



(trafd, ipcad, Cisco Netflow). , (Monitoring/ Internet /) . , (>+> IPs) UNKNOWN_IP_LOG.

- **trafdstats** - trafd **traffic2sql**
- **traffic2sql** - (Ipcad, flowtools).

cron.

: , , , .

Abills



FreeBSD

```

cd /usr/abills/libexec/
ln -s ../Abills/modules/Internet/trafdstats trafdstats
ln -s ../Abills/modules/Internet/traffic2sql traffic2sql

```

:

<code>\$conf{INTERNET_TRAFFIC_DETAIL}=1;</code>	traffic2sql
<code>\$conf{INTERNET_IPOE_DEPOSIT_OPERATION}=1024;</code>	.
<code>\$conf{IPN_DAILY_LOG_ROTATE}=1;</code>	.
<code>\$conf{INTERNET_IPOE_FILTER}='/usr/abills/libexec/ipoe_filter.sh';</code>	, , Filter ID. , \$conf{IPN_FW_START_RULE} \$conf {IPN_FW_STOP_RULE}. %STATUS (ONLINE_ENABLE,ONLINE_DISABLE,HANGUP) %LOGIN %IP %FILTER_ID %PORT %UID . : NAS_IP_ADDRESS NAS_MNG_USER NAS_MNG_IP_PORT , -, sudo. : abills/misc/ipn_filter.sh
<code>\$conf{INTERNET_DETAIL_CLEAN_PERIOD}=30;</code>	30
<code>\$conf{IPN_DAILY_RESTART}=1;</code>	

>

Type	ipoe
------	------

> > IP POOLS

, .

(Internet).

- >>> . 0.
- >>> .
- Intervals.