

APCUPSD

UPS APC SMART-UPS 1500 подключен через USB к серверу на котором запущен демон arcusbd сервер, остальные сервера получают сигналы выключения по сети. В биосах у всех задействована настройка – **Включаться при появлении электричества.**

```
cd /usr/ports/sysutils/apcupsd/  
make install clean
```

Вбиваем такие настройки (для клиента)

```
cat /usr/local/etc/apcupsd/apacupsd.conf | grep -v ^# | grep -  
v ^$
```

```
UPSCABLE ether  
UPSTYPE net  
DEVICE 5.5.5.5:3551 # IP адрес Сервера  
LOCKFILE /var/spool/lock  
SCRIPTDIR /usr/local/etc/apcupsd  
PWRFAILDIR /var/run  
NOLOGINDIR /var/run  
ONBATTERYDELAY 6  
BATTERYLEVEL 41  
MINUTES 12  
TIMEOUT 0  
ANNOY 300  
ANNOYDELAY 60  
NOLOGON disable  
KILLDELAY 0  
NETSERVER on  
NISIP 0.0.0.0  
NISPORT 3551  
EVENTSFILE /var/log/apcupsd.events  
EVENTSFILEMAX 10  
UPSCCLASS standalone  
UPSMODE disable  
STATTIME 0  
STATFILE /var/log/apcupsd.status  
LOGSTATS off
```

DATETIME 0

Для сервера (к которому подключен UPS)

```
cat /usr/local/etc/apcupsd/apcupsd.conf | grep -v ^# | grep -v ^$
```

```
UPSCABLE usb
UPSTYPE usb
LOCKFILE /var/spool/lock
SCRIPTDIR /usr/local/etc/apcupsd
PWRFAILDIR /var/run
NOLOGINDIR /var/run
ONBATTERYDELAY 6
BATTERYLEVEL 37
MINUTES 10
TIMEOUT 0
ANNOY 300
ANNOYDELAY 60
NOLOGON disable
KILLDELAY 0
NETSERVER on
NISIP 0.0.0.0
NISPORT 3551
EVENTSFILE /var/log/apcupsd.events
EVENTSFILEMAX 10
UPSCCLASS standalone
UPSMODE disable
STATTIME 0
STATFILE /var/log/apcupsd.status
LOGSTATS off
DATETIME 0
```

В файле /usr/local/etc/apcupsd/apccontrol меняем значение **-h** на **-p** — для полного выключения.

```
doshutdown)
    printf "Beginning Shutdown Sequence" | wall
    ${SHUTDOWN} -p now "apcupsd initiated shutdown"
```

Добавляем в автозагрузку и стартуем:

```
echo 'apacupsd_enable="YES"' >> /etc/rc.conf
```

```
service apacupsd start
```

Проверяем состояние

```
root@ring:/var/log # service apcupsd status  
apcupsd is running as pid 655.
```

```
root@ring:/var/log # apcaccess  
APC : 001,043,1039  
DATE : 2018-04-06 10:44:36 +0300  
HOSTNAME : ring  
VERSION : 3.14.14 (31 May 2016) freebsd  
UPSNAME : ring  
CABLE : USB Cable  
DRIVER : USB UPS Driver  
UPSMODE : Stand Alone  
STARTTIME: 2018-04-05 19:36:28 +0300  
MODEL : Smart-UPS 1500  
STATUS : ONLINE REPLACEBATT  
LINEV : 236.1 Volts  
LOADPCT : 40.9 Percent  
BCHARGE : 100.0 Percent  
TIMELEFT : 4.0 Minutes  
MBATTCHG : 37 Percent  
MINTIMEL : 10 Minutes  
MAXTIME : 0 Seconds  
OUTPUTV : 236.1 Volts  
SENSE : High  
DWAKE : -1 Seconds  
DSHUTD : 90 Seconds  
LOTRANS : 208.0 Volts  
HITRANS : 253.0 Volts  
RETPCT : 0.0 Percent  
ITEMP : 20.2 C  
ALARMDEL : 30 Seconds  
BATTV : 27.7 Volts  
LINEFREQ : 50.0 Hz  
LASTXFER : No transfers since turnon  
NUMXFERS : 0  
TONBATT : 0 Seconds  
CUMONBATT: 0 Seconds  
XOFFBATT : N/A
```

SELFTEST : NO
STESTI : 14 days
STATFLAG : 0x05000088
MANDATE : 2008-04-21
SERIALNO : AS0817320869
BATTDAT : 2008-04-21
NOMOUTV : 230 Volts
NOMBATTV : 24.0 Volts
FIRMWARE : 653.18.I USB FW:7.3
END APC : 2018-04-06 10:45:29 +0300