

## Обновление программы av32 (kr-8) с процессорным модулем M101

1. Зайти на av32 (kr8) по ftp (login: root; password: uClinux)
2. Скопировать по ftp файл обновления в папку /var/tmp/. Файл обновления для av-32 называется update\_50302-5\_23.10.2013.tar.gz, для kr-8 файл называется update\_50304\_28.01.2014.tar.gz (даты могут быть другими)
3. Зайти телнетом (login/password тотже) и выполнить команду распаковки, дождаться вывода списка файлов и перезапустить концентратор

```
root:/> gunzip -c /var/tmp/update_50302-5_23.10.2013.tar.gz | tar -xvC /
root:/> reboot
```

Пример:

```
local_pc:/> ftp 10.10.20.33
Connected to 10.10.20.33.
220 localhost.localdomain FTP server (GNU inetutils 1.4.1) ready.
Name (10.10.20.33:an): root
331 Password required for root.
Password: uClinux
230- #####
230- # Channel Bank AV-32 #
230- # Nika Ltd. Vinnitsa, Ukraine, 2008-2009 #
230- #####
230 User root logged in.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> cd /var/tmp
250 CWD command successful.
ftp> put update_50302-5_23.10.2013.tar.gz
local: update_50302-5_23.10.2013.tar.gz remote: update_50302-
5_23.10.2013.tar.gz
200 PORT command successful.
150 Opening BINARY mode data connection for 'update_50302-
5_23.10.2013.tar.gz'.
226 Transfer complete.
1130564 bytes sent in 80.97 secs (13.6 kB/s)
ftp> exit
221 Goodbye.
local_pc:/>
```

```
local_pc:/> telnet 10.10.20.33
```

```
Trying 10.10.20.33...
```

```
Connected to 10.10.20.33.
```

```
Escape character is '^]'.  
login: root
```

```
Password: uClinux
```

```
BusyBox v1.4.1 (2009-05-19 16:40:05 EEST) Built-in shell (msh)
```

```
Enter 'help' for a list of built-in commands.
```

```
root:/> gunzip -c /var/tmp/update_50302-5_23.10.2013.tar.gz | tar -xvC /  
./  
./home/  
./home/httpd/  
./home/httpd/favicon.ico  
./home/httpd/exec.htm  
./home/httpd/links.htm  
./home/httpd/trace.htm  
./home/httpd/rules.htm  
./home/httpd/slic.htm  
./home/httpd/main.htm  
./home/httpd/ports_e1.htm  
./home/httpd/dia.htm  
./home/httpd/cgi-bin/  
./home/httpd/cgi-bin/gate  
./home/httpd/service.htm  
./home/httpd/e1_G.821.htm  
./home/httpd/common.htm  
./home/httpd/css/  
./home/httpd/css/set.css  
./home/httpd/css/sortabletable.css  
./home/httpd/left.htm  
./home/httpd/slic_cros.htm  
./home/httpd/dialplan.htm  
./home/httpd/calendar/  
./home/httpd/calendar/calendar.js  
./home/httpd/calendar/calendar-en.js  
./home/httpd/calendar/calendar-ru.js  
./home/httpd/calendar/calendar-setup.js  
./home/httpd/calendar/calendar-system.css  
./home/httpd/title.htm  
./home/httpd/direct.htm  
./home/httpd/js/  
./home/httpd/js/vmetr.js  
./home/httpd/js/func.js  
./home/httpd/js/barring.js  
./home/httpd/js/jscharts.js  
./home/httpd/js/request.js  
./home/httpd/js/direct.js  
./home/httpd/js/dialplan.js  
./home/httpd/js/context.js  
./home/httpd/js/rules.js  
./home/httpd/js/service.js
```

```
./home/httpd/js/sortabletable.js
./home/httpd/js/ports_e1.js
./home/httpd/channels_map.htm
./home/httpd/statistic.htm
./home/httpd/channels.htm
./home/httpd/context.htm
./home/httpd/index.html
./home/httpd/barring.htm
./home/httpd/images/
./home/httpd/images/add.gif
./home/httpd/images/downsimple.png
./home/httpd/images/cancel.gif
./home/httpd/images/r_2.gif
./home/httpd/images/nika.jpg
./home/httpd/images/blank.png
./home/httpd/images/kubik.jpg
./home/httpd/images/upsimple.png
./home/httpd/images/r.gif
./home/httpd/images/r_1.gif
./home/httpd/images/delete.gif
./home/httpd/images/p6.gif
./home/httpd/images/apply.gif
./home/httpd/service_man.htm
./root/
./root/ChannelBank.rbf
./root/tdmbus.ko
./root/fpga.ko
./root/snmptrap
./root/boot_cbank.sh
./root/links.xml
./root/wave_pcm.ko
./root/chbank.ko
./root/switch.ko
./root/dia
./root/primux
./etc/
./etc/motd
./etc/boa.conf
./etc/rc
./lib/
./lib/libtinyxml.so.1.0
./lib/libpri.so.1.4
./bin/
./bin/smtplibclient
root: /> reboot
Connection closed by foreign host.
local_pc: />
```