Firmware update

[TS-WXL](#)

The order was wrong.
If you do not update the firmware first and keep it up to date, it will be troublesome twice.
Update the standard firmware of the experimental HDD from 1.06 to the latest 1.20.

Execute firmware updater

Run C: \ Documents and Settings \ yasunari \ Desktop \ tsx-120 \ TS-X_FW1.20 \ TSUpdater.exe and update successfully.

Log in as root

Go to http://192.168.2.70//cgi-bin/task.cgi?task=console¶m=on&uuu=admin&ppp=password to enable the serial console and log in as root

```
BUFFALO INC. TeraStation series
TS-WXL3B3 login: root
Last login: Mon Jan 25 22:37:44 +0900 2010 on pts/0.
No mail.
root@TS-WXL3B3:~#
```

enable telnet

```
root@TS-WXL3B3:~# ls -l /usr/sbin/telnetd
lrwxrwxrwx    1 root     root            17 Jan 25 23:47 /usr/sbin/telnetd -> ../../bin/busybox
root@TS-WXL3B3:~# busybox --help | grep telnetd
        syslogd, tail, tar, taskset, tcpsvd, tee, telnet, telnetd,
root@TS-WXL3B3:~# tail /etc/init.d/rcS
done

/usr/local/bin/share_delete.sh &
exec_sh pmcd.sh

VER=`grep "^VERSION=" ${RELEASE_FILE} |sed -e "s%.*=%%"`
SUB_VER=`grep "^SUBVERSION=" ${RELEASE_FILE} |sed -e "s%.* %%"`
BUILDDATE=`grep "^BUILDDATE=" ${RELEASE_FILE} |sed -e "s%.*=%%"`
logger -t ${LOGTAG} -p ${LOGFACILITY} "${VER}-${SUB_VER} ${BUILDDATE} started!"
echo "${VER}-${SUB_VER} ${BUILDDATE} started!" > /dev/console
root@TS-WXL3B3:~# echo >> /etc/init.d/rcS
root@TS-WXL3B3:~# echo /usr/sbin/telnetd >> /etc/init.d/rcS
root@TS-WXL3B3:~# !tail
tail /etc/init.d/rcS
/usr/local/bin/share_delete.sh &
exec_sh pmcd.sh

VER=`grep "^VERSION=" ${RELEASE_FILE} |sed -e "s%.*=%%"`
SUB_VER=`grep "^SUBVERSION=" ${RELEASE_FILE} |sed -e "s%.* %%"`
BUILDDATE=`grep "^BUILDDATE=" ${RELEASE_FILE} |sed -e "s%.*=%%"`
logger -t ${LOGTAG} -p ${LOGFACILITY} "${VER}-${SUB_VER} ${BUILDDATE} started!"
echo "${VER}-${SUB_VER} ${BUILDDATE} started!" > /dev/console
```

```
/usr/sbin/telnetd
root@TS-WXL3B3:~# telnet localhost
```

```
telnet: cannot connect to remote host (127.0.0.1): Connection refused
root@TS-WXL3B3:~# /usr/sbin/telnetd &
6456
root@TS-WXL3B3:~#
root@TS-WXL3B3:~# telnet localhost

Entering character mode
Escape character is '^]'.


BUFFALO INC. TeraStation series

TS-WXL3B3 login: root
Last login: Mon Jan 25 23:53:31 +0900 2010 on ttyS0.
No mail.
root@TS-WXL3B3:~#
```

OK.

Rakuten Ichiba
Amazon
Yahoo Shopping
Livedoor Department Store

TS-WXL

←
Delete root password / Enable telnet

Hack of record
LinkStation / **KuroBox** trying to hack

→
walk