

delete root password / enable telnet

[TS-WXL](#)

Now that you have a TS-WXL experimental HDD, you can do whatever you want.

First, delete the root password and enable telnet.

mount

Connect TS-WXL experimental HDD to LS-QL via USB and mount sdb2

```
qube:~# tail -f /var/log/messages
:
:
Jan 25 22:03:06 qube kernel: usb 2-1: new high speed USB device using ehci_marvell and address 2
Jan 25 22:03:06 qube kernel: usb 2-1: configuration #1 chosen from 1 choice
Jan 25 22:03:06 qube kernel: scsi2 : SCSI emulation for USB Mass Storage devices
Jan 25 22:03:11 qube kernel: scsi 2:0:0:0: Direct-Access    ViPower  VP-89118(SD1)    2.10 PQ: 0 ANSI: 4
Jan 25 22:03:11 qube kernel: sd 2:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
Jan 25 22:03:11 qube kernel: sd 2:0:0:0: [sdb] Write Protect is off
Jan 25 22:03:11 qube kernel: sd 2:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
Jan 25 22:03:11 qube kernel: sd 2:0:0:0: [sdb] Write Protect is off
Jan 25 22:03:11 qube kernel: sdb: sdb1 sdb2 sdb3 sdb4 sdb5 sdb6
Jan 25 22:03:11 qube kernel: sd 2:0:0:0: [sdb] Attached SCSI disk
Jan 25 22:03:11 qube kernel: sd 2:0:0:0: Attached scsi generic sg1 type 0
qube:~# mkdir /tmp/root
qube:~# mount /dev/sdb2 /tmp/root
mount: unknown filesystem type 'mdraid'
qube:~#
```

Akanyan

Try with LS-WSGL for RAID

```
mini:~# tail -f /var/log/messages
:
:
Jan 25 22:16:25 mini kernel: usb 1-1: new high speed USB device using ehci_platform and address 2
Jan 25 22:16:25 mini kernel: usb 1-1: configuration #1 chosen from 1 choice
Jan 25 22:16:25 mini kernel: scsi2 : SCSI emulation for USB Mass Storage devices
Jan 25 22:16:30 mini kernel: Vendor: ViPower    Model: VP-89118(SD1)    Rev: 2.10
Jan 25 22:16:30 mini kernel: Type: Direct-Access    ANSI SCSI revision: 04
Jan 25 22:16:30 mini kernel: SCSI device sdb: 976773168 512-byte hdwr sectors (500108 MB)
Jan 25 22:16:30 mini kernel: sdb: Write Protect is off
Jan 25 22:16:30 mini kernel: SCSI device sdb: 976773168 512-byte hdwr sectors (500108 MB)
Jan 25 22:16:30 mini kernel: sdb: Write Protect is off
Jan 25 22:16:30 mini kernel: sdb: sdb1
Jan 25 22:16:30 mini kernel: sd 2:0:0:0: Attached scsi disk sdb
Jan 25 22:16:30 mini kernel: sd 2:0:0:0: Attached scsi generic sg1 type 0
```

Since only sdb1 is visible, it does not support GPT. Useless

Next is LS-XHL that supports GPT

```
brick: ~ # tail -f / var / log / messages
:
:
Oct 25 22:17:00 brick kernel: usb 1-1: new high speed USB device using ehci_marvell and address 2
Oct 25 22:17:01 brick kernel: usb 1-1: configuration #1 chosen from 1 choice
Oct 25 22:17:01 brick kernel: scsi2 : SCSI emulation for USB Mass Storage devices
Oct 25 22:17:06 brick kernel: scsi 2:0:0:0: Direct-Access    ViPower  VP-89118(SD1)    2.10 PQ: 0 ANSI: 4
Oct 25 22:17:06 brick kernel: sd 2:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
Oct 25 22:17:06 brick kernel: sd 2:0:0:0: [sdb] Write Protect is off
Oct 25 22:17:06 brick kernel: sd 2:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
Oct 25 22:17:06 brick kernel: sd 2:0:0:0: [sdb] Write Protect is off
Oct 25 22:17:06 brick kernel: sdb: sdb1 sdb2 sdb3 sdb4 sdb5 sdb6
Oct 25 22:17:06 brick kernel: sd 2:0:0:0: [sdb] Attached SCSI disk
Oct 25 22:17:06 brick kernel: sd 2:0:0:0: Attached scsi generic sg1
type 0
brick:~# mkdir /tmp/root
brick:~# mount /dev/sdb2 /tmp/root
mount: unknown filesystem type 'mdraid'
brick:~#
```

Same as LS-QL. Akan?

Mount with ext3 for trial

```
brick:~# mount -t ext3 /dev/sdb2 /tmp/root
brick:~# ls /tmp/root
bin boot dev etc home initrd lib lighttpd.webui lost+found mnt modules proc root sbin sys tmp usr var www
brick:~#
```

Ikeitayan

expunge root password

```
brick:~# cd /tmp/root/etc/
brick:/tmp/root/etc# mv shadow shadow.orig
brick:/tmp/root/etc# sed -e 's/^root:[^:]*:/root::/' shadow.orig
root::11009:0:99999:7:::
bin*:11009:0:99999:7:::
daemon*:11009:0:99999:7:::
halt*:11009:0:99999:7:::
ftp*:11009:0:99999:7:::
rpc*:11009:0:99999:7:::
rpcuser*:11009:0:99999:7:::
apache*:11009:0:99999:7:::
admin:$1$I2o9Z7NcvQAKp7wyCTlia0:11009:0:99999:7:::
sshd!:13241:0:99999:7:::
nobody!:13148:0:99999:7:::
guest!:13148:0:99999:7:::
brick:/tmp/root/etc# sed -e 's/^root:[^:]*:/root::/' shadow.orig > shadow
brick:/tmp/root/etc# ls -l shadow*
-rw-r--r-- 1 root root 344 Jan 25 22:26 shadow
-rw-r--r-- 1 root root 370 Jan 27 2009 shadow.orig
brick:/tmp/root/etc# chmod 600 /etc/shadow
brick:/tmp/root/etc#
```

The permissions are weird, but I fixed it.

telnet possible

```
brick:/tmp/root/etc# cd ..
brick:/tmp/root# ls -l usr/sbin/telnetd
lrwxrwxrwx 1 root root 17 Sep 1 14:37 usr/sbin/telnetd -> ../../bin/busybox
brick:/tmp/root# bin/busybox --help | grep telnetd
telnetd, test, tftp, time, top, touch, tr, traceroute, true, tty, ttysize, udhcpc, udhcpd, udpsvd, umount, uname, uncompress,
brick:/tmp/root#
```

Since telnetd is available, add it to rcS.

```
brick:/tmp/root# tail etc/init.d/rcS
exec_sh ${cmd}
done
```

/usr/local/bin/share_delete.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
brick:/tmp/root# echo >> etc/init.d/rcS
brick:/tmp/root# echo /usr/sbin/telnetd >> etc/init.d/rcS
brick:/tmp/root# !tail
tail etc/init.d/rcS
```

/usr/local/bin/share_delete.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
brick:/tmp/root#
```

Unmount

```
brick:/tmp/root# cd /
brick:/# umount /tmp/root
brick:/#
```

Start TS-WXL with the changed HDD

I set the HDD on the tray, started TS-WXL, and started without any problems.

TS-WXL に telnet

```
yasunari @ sil: ~ $ telnet 192.168.2.70
Trying 192.168.2.70...
Connected to 192.168.2.70.
Escape character is '^]'.

```

```
BUFFALO INC. TeraStation series
TS-WXL3B3 login: root
root@TS-WXL3B3:~#

```

Dan!



TS-WXL

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