Power ON

[TS-WXL](#)

The power is finally turned on.

Serial console

To D-Sub 9pin connector with the description of the "do not use in this product" in the front in the door [serial cable](#) connected to the

Power ON

Kitta

```
  CPU =  MV78

Checking DATA BUS OK!
Checking ADDRESS BUS OK!

Checking DATA BUS
Checking ADDRESS BUS
BUFFALO U-BOOT Start !!!
 ** LOADER **
 ** BUFFALO BOARD: DB-MV78100-A-BP LE (CFG_ENV_ADDR=fff80000)


U-Boot 1.1.4 (Jun  4 2009 - 11:11:38) Marvell version: 3.3.5
Buffalo Version: 2.06-1.00

U-Boot code: 00600000 -> 0066FFF0  BSS: -> 00684D34

Soc: MV78100 A0 (DDR2)
CPU running @ 800Mhz L2 running @ 266Mhz
SysClock = 400Mhz , TClock = 166Mhz

DRAM CAS Latency = 5 tRP = 5 tRAS = 19 tRCD=5
DRAM CS[0] base 0x00000000   size 512MB
DRAM Total size 512MB  64bit width
[512kB@fff80000] Flash: 512 kB
Addresses 8M - 0M are saved for the U-Boot usage.
Mem malloc Initialization (8M - 7M): Done
NAND: 512 MB

CPU 0: ARM926 (Rev 0)

Streaming enabled
Write allocate disabled
FPU initialized to Run Fast Mode.
enaDCPref <NULL>
enaICPref <NULL>
setL2CacheWT no
setL2Size256K no
disL2Ecc no
disL2Prefetch yes
disL2Cache no
env finished


USB 0: host mode
USB 1: host mode
USB 2: host mode
PEX 0: interface detected no Link.
PEX 4: interface detected no Link.
Net: egiga0 [PRIME], egiga1
buffalo_change_power_status > Read 0x7a(swpoff_reached_halt)
buffalo_change_power_status > Writing 0x5c(swpoff_uboot_passed)

Marvell Serial ATA Adapter
Integrated Sata device found
[0 0 0]: Enable DMA mode
  Device 0 @ 0 0:
Model: SAMSUNG HD502HI                  Firm: 1AG01113 Ser#: S1VFJ9AS700783
            Type: Hard Disk
            Supports 48-bit addressing
            Capacity: 476940.0 MB = 465.7 GB (976773168 x 512)
[0 1 0]: Enable DMA mode
  Device 1 @ 0 1:
Model: SAMSUNG HD502HI                  Firm: 1AG01113 Ser#: S1VFJ9AS700780
            Type: Hard Disk
            Supports 48-bit addressing
            Capacity: 476940.0 MB = 465.7 GB (976773168 x 512)

MAC Address on eth0  : 00:1d:73:e7:23:b3

Signature version    : 1.00
Signature MACAddress : 00:1d:73:e7:23:b3

2294752 bytes read
   Image Name:   Linux-2.6.22.18
```

```
      Created:        2009-07-17    4:57:28 UTC
      Image Type:    ARM Linux Kernel Image (uncompressed)
      Data Size:     2294688 Bytes =  2.2 MB
      Load Address: 00008000
      Entry Point:  00008000

8857821 bytes read
      Image Name:    initrd
      Created:        2009-07-17    4:58:52 UTC
      Image Type:    ARM Linux RAMDisk Image (gzip compressed)
      Data Size:     8857757 Bytes =  8.4 MB
      Load Address: 00000000
      Entry Point:  00000000

Signature version    : 1.00
Signature MACAddress : 00:1d:73:e7:23:b3

2294752 bytes read
      Image Name:    Linux-2.6.22.18
      Created:        2009-07-17    4:57:28 UTC
      Image Type:    ARM Linux Kernel Image (uncompressed)
      Data Size:     2294688 Bytes =  2.2 MB
      Load Address: 00008000
      Entry Point:  00008000

8857821 bytes read
      Image Name:    initrd
      Created:        2009-07-17    4:58:52 UTC
      Image Type:    ARM Linux RAMDisk Image (gzip compressed)
      Data Size:     8857757 Bytes =  8.4 MB
      Load Address: 00000000
      Entry Point:  00000000


** Something is wrong, because of dev_desc->blksz is 0!!!
disk2 is not found!


** Something is wrong, because of dev_desc->blksz is 0!!!
disk3 is not found!

 ***** Debug *****
diskinfo [0] .IsMyDisk = 1
diskinfo[0].uImage_date = 1247806648
diskinfo[0].initrd_date = 1247806732
diskinfo [1] .IsMyDisk = 1
diskinfo[1].uImage_date = 1247806648
diskinfo[1].initrd_date = 1247806732
diskinfo [2] .IsMyDisk = 0
diskinfo[2].uImage_date = 0
diskinfo[2].initrd_date = 0
diskinfo [3] .IsMyDisk = 0
diskinfo[3].uImage_date = 0
diskinfo[3].initrd_date = 0
newest_fw_dev is updated to 0

Booting from Device 0
hit any key to switch tftp boot.
Hit any key to stop autoboot:  0
Hit any key to stop autoboot:  0

2294752 bytes read

8857821 bytes read
<<stop_sound>>
## Booting image at 02000000 ...
      Image Name:    Linux-2.6.22.18
      Created:        2009-07-17    4:57:28 UTC
      Image Type:    ARM Linux Kernel Image (uncompressed)
      Data Size:     2294688 Bytes =  2.2 MB
      Load Address: 00008000
      Entry Point:  00008000
      Verifying Checksum ... OK
OK
call do_bootm_linux
## Loading Ramdisk Image at 00900000 ...
      Image Name:    initrd
      Created:        2009-07-17    4:58:52 UTC
      Image Type:    ARM Linux RAMDisk Image (gzip compressed)
      Data Size:     8857757 Bytes =  8.4 MB
      Load Address: 00000000
      Entry Point:  00000000
      Verifying Checksum ... OK

Starting kernel ...

CONFIG_BUFFALO_PLATFORM ---
Uncompressing Linux...................................................................................................................................................
Linux version 2.6.22.18 (root@build2.dd-hot24.nas.buffalo.local) (gcc version 4.2.0 20070413 (prerelease)) #539 Fri Jul 17 13:57:12 JST 2009
CPU: ARM926EJ-S [41159260] revision 0 (ARMv5TE), cr=00053977
Machine: Feroceon-MV78XX0
Using UBoot passing parameters structure
u.mv_uboot.env_addr is 0xfff80000. Using tag's value.
Memory policy: ECC disabled, Data cache writeback
CPU0: D VIVT write-back cache
CPU0: I cache: 32768 bytes, associativity 4, 32 byte lines, 256 sets
CPU0: D cache: 32768 bytes, associativity 4, 32 byte lines, 256 sets
```

Built 1 zonelists. Total pages: 130048
Kernel command line: console=ttyS0,115200 root=/dev/sda2 rw initrd=0x00900040,15M panic=5 BOOTVER=2.06
PID hash table entries: 2048 (order: 11, 8192 bytes)
Console: colour dummy device 80x30
Dentry cache hash table entries: 65536 (order: 6, 262144 bytes)
Inode-cache hash table entries: 32768 (order: 5, 131072 bytes)
Memory: 512MB 0MB 0MB 0MB = 512MB total
Memory: 499584KB available (4180K code, 319K data, 128K init)
Mount-cache hash table entries: 512
CPU: Testing write buffer coherency: ok
NET: Registered protocol family 16

CPU 0, CPU Interface

SDRAM_CS0.... ....base 00000000, size 512MB
SDRAM_CS1.... ....disable
SDRAM_CS2.... ....disable
SDRAM_CS3.... ....disable
DEVICE_CS0... ....base f8000000, size   32MB
DEVICE_CS1... ....base fe000000, size   1MB
DEVICE_CS2... ....base fc000000, size   1MB
DEVICE_CS3... ....no such
DEV_BOOCS.... ....base fff00000, size 512KB
DEVICE_SPI... ....base fff00000, size 512KB
PEX0_IO...... ....base f2000000, size   8MB
PEX0_MEM0.... ....base c8000000, size   64MB
PEX1_IO...... ....base f3000000, size   8MB
PEX1_MEM0.... ....base cc000000, size   64MB
PEX2_IO...... ....no such
PEX2_MEM0.... ....no such
PEX3_IO...... ....base f5000000, size   8MB
PEX3_MEM0.... ....base d4000000, size   64MB
PEX4_IO...... ....base f6000000, size   8MB
PEX4_MEM0.... ....base d8000000, size   64MB
PEX5_IO...... ....no such
PEX5_MEM0.... ....no such
PEX6_IO...... ....no such
PEX6_MEM0.... ....no such
PEX7_IO...... ....no such
PEX7_MEM0.... ....no such
CRYPT_ENG..... ....base f7000000, size   2MB
INTER_REGS... ....base f1000000, size   1MB

   Marvell Development Board (LSP Version 2.0.2_MV78XX0)-- DB-MV78100-A-BP-BUFFALO Soc: MV78100 A0 LE

 Detected Tclk 166666667 and SysClk 400000000
Marvell USB EHCI Host controller #0: 808fd600
Marvell USB EHCI Host controller #1: 808fd400
Marvell USB EHCI Host controller #2: 808fd200
PEX0 interface detected no Link.
PEX4 interface detected no Link.
SCSI subsystem initialized
NET: Registered protocol family 2
Time: orion_clocksource clocksource has been installed.
IP route cache hash table entries: 16384 (order: 4, 65536 bytes)
TCP established hash table entries: 65536 (order: 7, 524288 bytes)
TCP bind hash table entries: 65536 (order: 6, 262144 bytes)
TCP: Hash tables configured (established 65536 bind 65536)
TCP reno registered
checking if image is initramfs...it isn't (no cpio magic); looks like an initrd
Freeing initrd memory: 15360K
RTC registered.
MICON ctrl (C) BUFFALO INC. V.1.00 installed.
Buffalo Gpio Control Driver (C) BUFFALO INC. Ver.0.02 installed.
>BuffaloCpuInterrupts_init
Buffalo CPU Inerupts Driver (C) BUFFALO INC. Ver.0.01 alpha1 installed.
MICON V2 (C) BUFFALO INC. V.1.00 installed.
UPSDRV (C) BUFFALO INC. V.1.00 installed.
   OMRON contact type ups shutdown support enabled!
Kernel event proc (C) BUFFALO INC. V.1.00 installed.
Buffalo RTC Driver (C) BUFFALO INC. Ver.1.00 (RS5C372) installed.
Buffalo GPIO SATA Hotplug Event Driver (C) BUFFALO INC. Ver.1.00 installed.
Use the XOR engines (acceleration) for enhancing the following functions:
   or RAID 5 Xor calculation
   o kernel memcpy
   o kenrel memzero
Number of XOR engines to use: 2
cesadev_init(8001237c)
mvCesaInit: sessions=640, queue=64, pSram=f7000000
VFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
JFFS2 version 2.2. (NAND) 誕 ·001-2006 Red Hat, Inc.
SGI XFS with ACLs, large block numbers, no debug enabled
SGI XFS Quota Management subsystem
io scheduler noop registered (default)
io scheduler anticipatory registered
io scheduler deadline registered
io scheduler cfq registered
Serial: 8250/16550 driver $Revision: 1.90 $ 4 ports, IRQ sharing disabled
serial8250.0: ttyS0 at MMIO 0xf1012000 (irq = 12) is a 16550A
serial8250.0: ttyS1 at MMIO 0xf1012100 (irq = 13) is a 16550A
serial8250.2: ttyS2 at MMIO 0xf1012200 (irq = 14) is a 16550A
RAMDISK driver initialized: 3 RAM disks of 32768K size 1024 blocksize
loop: module loaded
Load Marvell Ethernet Driver
   o Cached descriptors in DRAM
   o DRAM SW cache-coherency
   o Single RX Queue support - ETH_DEF_RXQ=0

```
    o Single TX Queue support - ETH_DEF_TXQ = 0
    o TCP segmentation offload enabled
    o Receive checksum offload enabled
    o Transmit checksum offload enabled
    o Network Fast Processing (Routing) supported
    o Proc tool API enabled
    o Rx descriprors: q0=128
    o Tx descriptors: q0 = 532
    o Loading network interface:
eth0 eth1
Network Fast Processing Disabled
mvFpRuleDb (80990000): 16384 entries, 65536 bytes
Integrated Sata device found
mvSataInitAdapter : regVal changed(0x00000010)
scsi0 : Marvell SCSI to SATA adapter
scsi1 : Marvell SCSI to SATA adapter
** BUFFALO Disable Command Queuing Function [0 0] **
** BUFFALO Disable Command Queuing Function [0 1] **
scsi 0:0:0:0: Direct-Access     SAMSUNG  HD502HI          1AG0 PQ: 0 ANSI: 5
Linux IAL (ERROR) [0 0 0]: set device max sectors to 2048
scsi 1:0:0:0: Direct-Access     SAMSUNG  HD502HI          1AG0 PQ: 0 ANSI: 5
Linux IAL (ERROR) [0 1 0]: set device max sectors to 2048
Linux IAL (ERROR) : retry command host=0, bus=0 SCpnt = 9f178ba0
sd 0:0:0:0: [sda] 976773168 512-byte hardware sectors (500108 MB)
sd 0:0:0:0: [sda] Write Protect is off
sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
sd 0:0:0:0: [sda] 976773168 512-byte hardware sectors (500108 MB)
sd 0:0:0:0: [sda] Write Protect is off
sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
 sda: sda1 sda2 sda3 sda4 sda5 sda6
sd 0:0:0:0: [sda] Attached SCSI disk
Linux IAL (ERROR) : retry command host=1, bus=1 SCpnt = 9f178ba0
sd 1:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
sd 1:0:0:0: [sdb] Write Protect is off
sd 1:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
sd 1:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
sd 1:0:0:0: [sdb] Write Protect is off
sd 1:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
 sdb: sdb1 sdb2 sdb3 sdb4 sdb5 sdb6
sd 1:0:0:0: [sdb] Attached SCSI disk
sd 0:0:0:0: Attached scsi generic sg0 type 0
sd 1:0:0:0: Attached scsi generic sg1 type 0
SPI Serial flash detected @ 0xfff00000, 512KB (8sec x 64KB)
cmdlinepart partition parsing not available
    Write size    : 0x00000800
    OOB size      : 0x00000040
    Erase size    : 0x00020000
NAND device: Manufacturer ID: 0x20, Chip ID: 0xdc (ST Micro NAND 512MiB 3,3V 8-bit)
Scanning device for bad blocks
Bad eraseblock 298 at 0x02540000
Bad eraseblock 369 at 0x02e20000
Bad eraseblock 371 at 0x02e60000
Bad eraseblock 480 at 0x03c00000
Bad eraseblock 1176 at 0x09300000
Bad eraseblock 3864 at 0x1e300000
Bad eraseblock 3866 at 0x1e340000
cmdlinepart partition parsing not available
Using static partition definition
Creating 2 MTD partitions on "nand_mtd":
0x00000000-0x02000000 : "nboot"
0x02000000-0x20000000 : "nroot"
mice: PS/2 mouse device common for all mice
md: raid0 personality registered for level 0
md: raid1 personality registered for level 1
raid6: int32x1     115 MB/s
raid6: int32x2     130 MB/s
raid6: int32x4     133 MB/s
raid6: int32x8      98 MB/s
raid6: using algorithm int32x4 (133 MB/s)
md: raid6 personality registered for level 6
md: raid5 personality registered for level 5
md: raid4 personality registered for level 4
raid5: measuring checksumming speed
   arm4regs  :    824.400 MB/sec
   8regs     :    742.000 MB/sec
   32regs    :    822.400 MB/sec
raid5: using function: arm4regs (824.400 MB/sec)
device-mapper: ioctl: 4.11.0-ioctl (2006-10-12) initialised: dm-devel@redhat.com
dm_crypt using the OCF package.
ip_tables: (C) 2000-2006 Netfilter Core Team
TCP cubic registered
NET: Registered protocol family 1
NET: Registered protocol family 17
VFP support v0.3: implementor 41 architecture 1 part 10 variant 9 rev 0
md: Autodetecting RAID arrays.
md: autorun ...
md: ... autorun DONE.
RAMDISK: Compressed image found at block 0
EXT2-fs warning: checktime reached, running e2fsck is recommended
VFS: Mounted root (ext2 filesystem).
---- in linuxrc ---
Version 1.00 2008/ 7/ 1
Sat Jan 16 10:02:21 JST 2010
CheckDevices
LibSys_GetUsbDiskStartNum : Usb device not found(/sys/block/sdc/device). Returning 3
grep: /var/tmp/devlink: No such file or directory
linuxrc:choose operation (timeout 4[s])
```

```
   1: RamRoot 2: sda1 2: sda2 other: HddRoot? -HddRoot-
-- rebuild mdadm.conf for BOOT, ROOTFS --
md: md10 stopped.
mdadm: /dev/disk2_1 has wrong uumd: md1 stopped.
id.
mdadm: /dev/disk1_1 has wrong uuid.
mdadm:md: md0 stopped.
 no devices found for /dev/md10
mdadm: /dev/dismd: bind<sdb1>
k2_1 has wrong umd: bind<sda1>
uid.
mdadm: /dev/disk1_1 has wrong uuid.
mdadm: no devices found for /dev/md1
raid1: raid set md0 active with 2 out of 2 mirrors
mdadm: /dev/md0 has been started with 2 drives.
-- setup max error counts --
/sys/block/md0/md/maxerr_cnt is setted to 20
Starting :fsck_disks(boot) ...        [Success.]
Starting :mount(boot) ...             kjournald starting.  Commit interval 5 seconds
EXT3 FS on md0, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
[Success.]
Starting :umount(boot) ...            [Success.]
-- rebuild mdadm.conf for BOOT, ROOTFS --
md: md10 stopped.
mdadm: cannot open device /dev/disk2_1: Device or resource busy
mdadm: /dev/dismd: bind<sdb5>
k2_1 has wrong umd: bind<sda5>
uid.
mdadm: cannot open device /dev/disk1_1: Device or resource busy
mdadm: /dev/disk1_1 has wrong uuid.
mdadraid1: raid set md10 active with 2 out of 2 mirrors
m: /dev/disk2_2 md: md1 stopped.
has wrong uuid.
mdadm: /dev/disk1_2 has wrong umd: bind<sdb2>
uid.
mdadm: /demd: bind<sda2>
v/md10 has been started with 2 drives.
raid1: raid set md1 active with 2 out of 2 mirrors
mdadm: /dev/md1 has been started with 2 drives.
-- setup max error counts --
/sys/block/md0/md/maxerr_cnt is setted to 20
/sys/block/md1/md/maxerr_cnt is setted to 20
/sys/block/md10/md/maxerr_cnt is setted to 20
kjournald starting.  Commit interval 5 seconds
EXT3 FS on md1, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
PRODUCTID=0x0000200C PRODUCTID=0x00000000
-- CopyFromInitrdToHdd --
.........Finish

umount: cannot open /proc/mounts
kjournald starting.  Commit interval 5 seconds
EXT3 FS on md1, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
VFS: Mounted root (ext3 filesystem).
Trying to move old root to /initrd ... okay
Freeing init memory: 128K
init started: BusyBox v1.7.0 (2007-10-15 19:49:46 IST)
starting pid 512, tty '': '/etc/init.d/rcS'
--- rcStart (hddroot) ---
Sat Jan 16 10:02:29 JST 2010
** step1 **
=== checkroot.sh ===
mount: mounting /dev/root on / failed: No such file or directory
ln: /var/spool/cron/cron: File exists
grep: /var/tmp/devlink: No such file or directory
Adding 999864k swap on /dev/md10.  Priority:-1 extents:1 across:999864k
=== procps.sh ===
=== devpts.sh ===
=== sethostname.sh ===
configure files from Buffalo parameters.
=== restore_config.sh ===
kjournald starting.  Commit interval 5 seconds
EXT3 FS on md0, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
Update configuration files
Restore previous configuration files
delete unnecessary samba lock files on /tmp/upconfig//etc/samba/lock...
=== free_ramdisk.sh ===
Successfully unmounted /dev/ram0
Successfully unmounted /dev/ram0
=== vm_tune.sh ===
** step2 **
=== EnablingAutoip.sh ===
=== usb.sh ===
/sbin/hotplug [module]
/sbin/hotplug [drivers]
usbcore: registered new interface driver usbfs
/sbin/hotplug [drivers]
usbcore: registered new interface driver hub
/sbin/hotplug [drivers]
usbcore: registered new device driver usb
/sbin/hotplug [module]
/sbin/hotplug [drivers]
ehci_marvell ehci_marvell.70059: Marvell Orion EHCI
/sbin/hotplug [usb_host]
ehci_marvell ehci_marvell.70059: new USB bus registered, assigned bus number 1
```

```
ehci_marvell ehci_marvell.70059: irq 16, io base 0xf1050100
ehci_marvell ehci_marvell.70059: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
/sbin/hotplug [usb]
usb usb1: configuration #1 chosen from 1 choice
/sbin/hotplug [uhub 1-0:1.0: USB hub found
sb]
hub 1-0:1.0: 1 port detected
/sbin/hotplug [usb_endpoint]
/sbin/hotplug [usb_endpoint]
ehci_marvell ehci_marvell.168472: Marvell Orion EHCI
/sbin/hotplug [usb_device]
[/etc/hotplug.d/usb_device/buffalo.hotplug] usb_device
ehci_marvell ehci_marvell.168472: new USB bus registered, assigned bus number 2
/sbin/hotplug [usb_host]
ehci_marvell ehci_marvell.168472: irq 17, io base 0xf1051100
ehci_marvell ehci_marvell.168472: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
/sbin/hotplug [usb]
usb usb2: configuration #1 chosen from 1 choice
/sbin/hotplug [usb_endpoint]
hub 2-0:1.0: USB hub found
hub 2-0:1.0: 1 port detected
/sbin/hotplug [usb]
/sbin/hotplug [usb_endpoint]
ehci_marvell ehci_marvell.336244: Marvell Orion EHCI
/sbin/hotplug [usb_device]
ehci_marvell ehci_marvell.336244: new USB bus registered, assigned bus number 3
/sbin/hotplug [usb_host]
[/etc/hotplug.d/usb_device/buffalo.hotplug] usb_device
ehci_marvell ehci_marvell.336244: irq 18, io base 0xf1052100
ehci_marvell ehci_marvell.336244: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
/sbin/hotplug [usb]
usb usb3: configuration #1 chosen from 1 choice
/sbin/hotplug [usb_endpoint]
hub 3-0:1.0: USB hub found
hub 3-0:1.0: 1 port detected
/sbin/hotplug [usb]
/sbin/hotplug [usb_endpoint]
/sbin/hotplug [drivers]
/sbin/hotplug [drivers]
USB Universal Host Controller Interface driver v3.0
/sbin/hotplug [module]
/sbin/hotplug [drivers]
Initializing USB Mass Storage driver...
/sbin/hotplug [module]
usbcore: registered new interface driver usb-storage
USB Mass Storage support registered.
/sbin/hotplug [drivers]
/sbin/hotplug [module]
usbcore: registered new interface driver usblp
drivers/usb/class/usblp.c: v0.13: USB Printer Device Class driver
/sbin/hotplug [drivers]
/sbin/hotplug [usb_device]
[/etc/hotplug.d/usb_device/buffalo.hotplug] usb_device
/sbin/hotplug [module]
=== networking.sh ===
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-eth0.pid eth0
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-eth1.pid eth1
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-bond0.pid bond0
/etc/init.d/networking.sh : Read dhcpc file
/etc/init.d/networking.sh : configure :
create network files.. (eth0)
IP=[dhcp], netmask=[], dgw=[], dns1=[], dns2=[]
create network files.. (eth1)
IP=[dhcp], netmask=[], dgw=[]
killall: dhcpcd: no process killed
/etc/init.d/networking.sh: line 87: /etc/init.d/networking.sh : Delete /etc/dhcpc/dhcpcd-.pid: No such file or directory
Configuration network interface: lo eth0 eth1
/ sbin / ifconfig eth0 person 1500 multicast
/sbin/ifconfig eth1 mtu 1500 multicast
requesting DHCP   tout=30[s]
networking.sh: dhcp requesting...
DontDownIface
alwaysFork
eth1: started
sendto:   count 6    sync 1
sendto:   count 5    sync 1
sendto:   count 4    sync 1
sendto:   count 3    sync 1
sendto:   count 2    sync 1
sendto:   count 1    sync 1
sendto:   count 0    sync 1
sendto:   count 6    sync 1
sendto:   count 5    sync 1
sendto:   count 4    sync 1
sendto:   count 3    sync 1
sendto:   count 2    sync 1
sendto:   count 1    sync 1
sendto:   count 0    sync 1
dhcpInit call AutoipBound
setAutoIP eth1 called
MAC address = 00:1d:73:e7:23:b4
file name /etc/dhcpc/autoip-eth1.info
/sbin/ifconfig eth1 169.254.69.42 netmask 255.255.0.0 up
Arp result 0
** eth1 : networking.sh dhcp fin.
requesting DHCP   tout=30[s]
networking.sh: dhcp requesting...
DontDownIface
```

```
alwaysFork
eth0: link down
eth0: started
eth0: link up, full duplex, speed 1 Gbps
sendto:  count 6   sync 1
sendto:  count 5   sync 0
dhcpcd.exe: interface eth0 has been configured with old IP=192.168.2.200 GATEWAY=192.168.2.1,192.168.2.97
** eth0 : networking.sh dhcp fin.
Checking network address for each network device
configure files from Buffalo parameters.
=== update_ntp.sh ===
ntpserver = ntp.jst.mfeed.ad.jp : specified as a fqdn type
=== iptables.sh ===
/etc/init.d/iptables.sh: line 202: syntax error near unexpected token `fi'
/etc/init.d/iptables.sh: line 202: `fi '
=== syslog.sh ===
Starting system logger: load_info ItemValue = off
LoadConfFileString:key=[ad_dns] not found in /etc/melco/info.
LoadConfFileOnOff:key=[info_visible] not found in /etc/melco/info.
LoadConfFileString:key=[array2] not found in /etc/melco/diskinfo.
Salvaging u-boot log: OK

Starting kernel logger:
=== network_control.sh ===
/etc/init.d/network_control.sh: line 5: /sys/block/sdc/queue/read_ahead_kb: No such file or directory
/etc/init.d/network_control.sh: line 6: /sys/block/sdd/queue/read_ahead_keth0: TxEnable WA - Enabled, deep=1

b: No such file or directory
=== inetd.sh ===
Starting inetd:=== errormon.sh ===
Starting errormon:errormon ver.1.02(BuildDate Feb 18 2009 18:04:08 compiled for TS-XL Series) Started
=== kernelmon.sh ===
Starting kernelmon:=== miconmon.sh ===
miconmon 1.05 started (Builddate Jun 22 2009 17:49:47)
=== checkSysMd.sh ===
KERNELMOn (SATA 0 plugged)
/dev/md0
KERNELMOn (SATA 1 plugged)
KERNELMOn (SATA 2 unplugged)
KERNELMOn (SATA 3 unplugged)
     Raid Level : raid1
KERNELMOn (lanact 0 full eth0)
/dev/md1
     Raid Level : raid1
/dev/md10
     Raid Level : raid1
=== check_smart.sh ===
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
KERNELMOn (lanact 1000 full eth0)
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
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program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
program smartctl is using a deprecated SCSI ioctl, please convert it to SG_IO
=== start_data_array.sh ===
ARRAY1_ENCRYPTED=no
ARRAY2_ENCRYPTED=no
DISK1_ENCRYPTED=no
DISK2_ENCRYPTED=no
DISK3_ENCRYPTED=no
DISK4_ENCRYPTED=no
-- start data arrays --
-- rebuild mdadm.conf for md2,md3--
/sbin/hotplug [block]
/sbin/hotplug [block]
/sbin/hotplug [block]
/sbin/hotplug [block]
/sbin/hotplug [block]
/sbin/hotplug [block]
/sbin/hotplug [block]
md: md2 stopped.
/sbin/hotplug [block]
mdadm: no RAID superblock on /dev/md2
mdadm: /dev/md2 has wrong uuid.
mdadm: no RAID superblock on /dev/md3
mdadm: /dev/md3 has wrong uuid.
md: bind<sdb6>
md: bind<sda6>
raid1: raid set md2 active with 2 out of 2 mirrors
mdadm: /dev/md2 has been started with 2 drives.
/sbin/hotplug [block]
-- setup max error counts --
/sys/block/md2/md/maxerr_cnt is setted to 20
/sys/block/md3/md/maxerr_cnt is setted to 20
/sys/block/md4/md/maxerr_cnt is setted to 20
  No volume groups found
  No volume groups found
mdadm: md device /dev/md3 does not appear to be active.
```

```
expr: syntax error
  No physical volume label read from /dev/md2
  Failed to read physical volume "/dev/md2"
-- Mount local disks --
Filesystem "md2": Disabling barriers, not supported by the underlying device
XFS mounting filesystem md2
** share array1
** spool array1
find: /mnt/array2: No such file or directory
find: /mnt/disk3: No such file or directory
find: /mnt/disk4: No such file or directory
=== lvm.sh ===
  No volume groups found
  No volume groups found
=== hdd_spindown_control.sh ===
Not support HDD_SPINDOWN on this model.
=== set_quota.sh ===
** step3 **
=== drivecheck.sh ===
=== replication.sh ===
Starting  services: === atalk.sh ===
Starting AppleTalk services: configure atalkd atalk_name=TS-WXL3B3
load_info ItemValue = off
LoadConfFileString:key=[ad_dns] not found in /etc/melco/info.
LoadConfFileOnOff:key=[info_visible] not found in /etc/melco/info.
LoadConfFileString:key=[array2] not found in /etc/melco/diskinfo.
file:/etc/atalk/AppleVolumes.default
file:/etc/pam.d/netatalk
file:/etc/atalk/afpd.conf
file:/etc/atalk/atalkd.conf
(backgrounded)
killall: mDNSResponderPosix: no process killed
Starting Bonjour services: /sbin/hotplug [module]
/sbin/hotplug [module]
/sbin/hotplug [module]
NET: Registered protocol family 5
missing line: mirroring: /etc/ondemandsync.conf
done
=== httpd.sh ===
start
Starting HTTPD services:

=== smb.sh ===
configure samba
load_info ItemValue = off
LoadConfFileString:key=[ad_dns] not found in /etc/melco/info.
LoadConfFileOnOff:key=[info_visible] not found in /etc/melco/info.
LoadConfFileString:key=[array2] not found in /etc/melco/diskinfo.
LoadConfFileString:key=[msdfs_link1_unc1] not found in /etc/melco/msdfs.
LoadConfFileString:key=[msdfs_link2_unc1] not found in /etc/melco/msdfs.
LoadConfFileString:key=[msdfs_link3_unc1] not found in /etc/melco/msdfs.
LoadConfFileString:key=[msdfs_link4_unc1] not found in /etc/melco/msdfs.
LoadConfFileString:key=[msdfs_link5_unc1] not found in /etc/melco/msdfs.
LoadConfFileString:key=[msdfs_link6_unc1] not found in /etc/melco/msdfs.
LoadConfFileString:key=[msdfs_link7_unc1] not found in /etc/melco/msdfs.
LoadConfFileString:key=[msdfs_link8_unc1] not found in /etc/melco/msdfs.
LoadConfFileString:key=[msdfs_link9_name] not found in /etc/melco/msdfs.
file:/etc/samba/smb.conf
>IconvCodeCharset CodePage=0,charset=CP932
buf = array1 = raid1

GetSpoolDirectory> returning devicename [/mnt/array1]
file:/etc/pam_smb.conf
Setting up msdfs symbolic links... [Failed ]
Starting SMB services:
missing line: mirroring: /etc/ondemandsync.conf
Starting NMB services:
missing line: mirroring: /etc/ondemandsync.conf
=== nfs.sh ===
=== sshd.sh ===
load_info ItemValue = off
LoadConfFileString:key=[ad_dns] not found in /etc/melco/info.
LoadConfFileOnOff:key=[info_visible] not found in /etc/melco/info.
LoadConfFileString:key=[array2] not found in /etc/melco/diskinfo.
file:/etc/sftponly_config
userinfo finished
groupname admin
groupname guest
groupname hdusers
file:/etc/pam.d/sshd
missing line: mirroring: /etc/ondemandsync.conf
Disabling protocol version 1. Could not load host key
=== bonjour.sh ===
Starting Bonjour services: done
=== lsprcvd.sh ===
Starting lsprcvd:=== daemonwatch.sh ===
Starting daemonwatch:daemonwatch Ver.1.01
watch list file : /etc/daemonwatch.list
=== cron.sh ===
Start services: crondlogrotate state -- version 2
=== checkconfig.sh ===
=== ups.sh ===
err: >AnalyzeRecvPacket:This is invalid RespCode.(code=244)
=== pwrmgr.sh ===
Starting pwrmgr:
Shutting down pwrmgr:

Starting pwrmgr:
```

```
=== ftpd.sh ===
ftp is OFF
** step4 **
```

```
=== modules.sh ===

Starting module subsystem ...
Starting module webaxs ...              [Success.]
=== itunes.sh ===
This model doesn't support itunes server.
=== lprng.sh ===
/mnt/array1/spool/samba created
/mnt/array1/spool/lp created
Start services: lpd
lprmd 1.00 started.(BUILD DATE May  8 2009 18:02:38)
=== ltbootd.sh ===
/etc/init.d/rcS: line 51: /etc/init.d/ltbootd.sh: No such file or directory
=== pmcd.sh ===
=== webaxs.sh ===
WebAccess is OFF
=== twonky.sh ===
This model doesn't support DLNA server !
=== bittorrent.sh ===
Bittorrent is not supported on this model
=== syslog_user_setup.sh ===
Bittorrent is not supported on this model
=== bootcomplete.sh ===
BuffaloGpio_ChangePowerStatus > Writing 0x71
=== diskmon.sh ===
=== micon_setup.sh ===
/usr/local/bin/change_notify.sh:led_luminance setted to 5.
/usr/local/bin/change_notify.sh:lcd_luminance setted to 5.
/usr/local/bin/change_notify.sh:LCD display message setted to [HD 1-2 : RAID1]
/usr/local/bin/change_notify.sh: set lcd items [ linkspeed buffer7 ipaddress buffer6 hostname raidmode date buffer5]
KERNELMOn (PSW_auto)
=== clientUtil_servd.sh ===
Starting clientUtil_server:
  ->Starting on eth1
  ->Starting on eth0
** step final(after bootcomplete) **
=== hdd_late_check.sh ===
No need to check hdd(hdd is fine).
Checking disk disk1 : DISK_STATUS=array1
DEVNAME=sda
Checking disk disk2 : DISK_STATUS=array1
DEVNAME=sdb
=== check_initialization.sh ===
bootarg "func" is disabled.
=== usb_late_check.sh ===
nothing to delete
1.06-1.50 2009/07/17 13:57:49 started!
starting pid 2492, tty '': '/sbin/getty'
*** /usr/local/bin/DirectCopy_wait.sh [start]

BUFFALO INC. TeraStation series
TS-WXL3B3 login: 1 USB_DEVICE=none
2 USB_DEVICE=none
3 USB_DEVICE=none
4 USB_DEVICE=none
5 USB_DEVICE=none
```

U-Boot is 1.1.4
CPU clock is 800MHz. Unfortunately 1.2GHz
DRAM is not 512MB
NAND is 512MB
Linux kernel is 2.6.22.18
HDD partition is sda1 sda2 sda3 sda4 sda5 sda6 I
still
thought that TeraStation where script syntax error is left is better than LinkStation, ,
Sshd.sh etc.

Serial console is displayed but not input

Standby zzz...

After a while, it fell into standby mode

```
138402+1 records in
138402+1 records out

---- rcDown (standbying) ----

BuffaloGpio_ChangePowerStatus > Writing 0x02
tar: Removing leading `/' from member names
===== shutdown_proc.sh stopping =====
Save current configuration files
delete unnecessary samba lock files on //etc/samba/lock...
tar: Removing leading `/' from member names
tar: Removing leading `/' from member names
Stop daemonwatch:done.
Stop logchkd:killall: logchkd: no process killed
done.
Stop lsprcvd:Stop services: crondStop inetd:done.
Stop errormon:done.
Stop clientUtil_server:rm: cannot remove '/var/run/clientUtil_server-eth0.pid': No such file or directory
```

```
rm: cannot remove '/var/run/clientUtil_server-eth1.pid': No such file or directory
Shutting down FTPD services: killall: proftpd: no process killed
```

```
Shutting down SMB services:
Shutting down NMB services:

Cleanup msdfs symbolic links... [Success]

Shutting down WINBIND services:
killall: winbindd: no process killed

Shutting down PAMSMBD services:
killall: pamsmbd: no process killed

Stop servecies: atalkd afpd
killall: papd: no process killed
Starting Bonjour services: done
stop
Shutting down HTTPD services:
killall: speedy: no process killed
killall: speedy_backend: no process killed
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-eth0.pid eth0
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-eth1.pid eth1
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-bond0.pid bond0
/etc/init.d/networking.sh : Read dhcpc file
/etc/init.d/networking.sh : configure :
create network files.. (eth0)
IP=[dhcp], netmask=[], dgw=[], dns1=[], dns2=[]
create network files.. (eth1)
IP=[dhcp], netmask=[], dgw=[]
Deconfiguration network interface: lo eth0 eth1 bond0
eth1: stopped
eth0: stopped
Master 'bond0': Error: handshake with driver failed. Aborting
ifconfig: SIOCGIFFLAGS: No such device
ERROR: Module bonding does not exist in /proc/modules
killall: diskmon_exec.sh: no process killed
Stop kernelmon:killall: /proc/buffalo/kernevnt: no process killed
done.
Stopping module subsystem ...
Shutting down webaxs ...              [Failed. ]
This model doesn't support itunes server.
Stop services: lpd
/etc/init.d/shutdown_proc.sh: line 47: /etc/init.d/ltbootd.sh: No such file or directory
Stop errormon:killall: errormon: no process killed
done.
killall: apcupsd: no process killed
killall: omronupsd: no process killed
errormon ver.1.02(BuildDate Feb 18 2009 18:04:08 compiled for TS-XL Series) Started
Shutting down kernel logger:
Shutting down system logger:
[Success]


===== umount_disk.sh stopping =====
/etc/init.d/umount_disk.sh: line 5: /etc/init.d/lvm: No such file or directory
\n===== unmounting all disks ====
umount: forced umount of /mnt/usbdisk1 failed!
umount: cannot umount /mnt/usbdisk1: Invalid argument
umount: forced umount of /mnt/usbdisk2 failed!
umount: cannot umount /mnt/usbdisk2: Invalid argument
umount: forced umount of /mnt/disk1 failed!
umount: cannot umount /mnt/disk1: Invalid argument
umount: forced umount of /mnt/disk2 failed!
umount: cannot umount /mnt/disk2: Invalid argument
umount: forced umount of /mnt/usbdisk1 failed!
umount: cannot umount /mnt/usbdisk1: Invalid argument
umount: forced umount of /mnt/usbdisk2 failed!
umount: cannot umount /mnt/usbdisk2: Invalid argument
mdadm: md device /dev/md3 does not appear to be active.
expr: syntax error
  No physical volume label read from /dev/md2
  Failed to read physical volume "/dev/md2"
[Success]


===== start_data_array.sh stopping =====
ARRAY1_ENCRYPTED=no
ARRAY2_ENCRYPTED=no
DISK1_ENCRYPTED=no
DISK2_ENCRYPTED=no
DISK3_ENCRYPTED=no
DISK4_ENCRYPTED=no
umount: forced umount of /mnt/array1 failed!
umount: cannot umount /mnt/array1:md: md2 stopped.
 Invalid argumenmd: unbind<sda6>
t
md: export_rdev(sda6)
md: unbind<sdb6>
md: export_rdev(sdb6)
mdadm: stopped /dev/md2
md: md3 stopped.
mdadm: stopped /dev/md3
md: md4 stopped.
mdadm: stopped /dev/md4
umount: forced umount of /mnt/disk1 failed!
umount: cannot umount /mnt/disk1: Invalid argument
umount: forced umount of /mnt/disk2 failed!
```

```
umount: cannot umount /mnt/disk2: Invalid argument
[Failed ]

===== sendsigs.sh stopping =====
umount: cannot umount /proc: Device or resource busy
umount: cannot remount /dev/root read-only
umount: cannot umount /: Device or resource busy
[Failed ]

===== usb.sh stopping =====
usbcore: deregistering interface driver usblp
/sbin/hotplug [drivers]
/sbin/hotplug [module]
usbcore: deregistering interface driver usb-storage
/sbin/hotplug [drivers]
/sbin/hotplug [module]
/sbin/hotplug [drivers]
/sbin/hotplug [module]
/sbin/hotplug [drivers]
/sbin/hotplug [module]
USB: ehci_marvell_remove
ehci_marvell ehci_marvell.336244: remove, state 1
usb usb3: USB disconnect, address 1
/sbin/hotplug [usb_endpoint]
/sbin/hotplug [usb]
/sbin/hotplug [usb_device]
/sbin/hotplug [usb_endpoint]
/sbin/hotplug [usb]
[/etc/hotplug.d/usb_device/buffalo.hotplug] usb_device
ehci_marvell ehci_marvell.336244: USB bus 3 deregistered
/sbin/hotplug [usb_host]
USB: ehci_marvell_remove
ehci_marvell ehci_marvell.168472: remove, state 1
usb usb2: USB disconnect, address 1
/sbin/hotplug [usb_endpoint]
/sbin/hotplug [usb]
/sbin/hotplug [usb_device]
[/etc/hotplug.d/usb_device/buffalo.hotplug] usb_device
/sbin/hotplug [usb_endpoint]
/sbin/hotplug [usb]
ehci_marvell ehci_marvell.168472: USB bus 2 deregistered
/sbin/hotplug [usb_host]
USB: ehci_marvell_remove
ehci_marvell ehci_marvell.70059: remove, state 1
usb usb1: USB disconnect, address 1
/sbin/hotplug [usb_endpoint]
/sbin/hotplug [usb_device]
/sbin/hotplug [usb_endpoint]
/sbin/hotplug [class]
/sbin/hotplug [usb]
/sbin/hotplug [usb]
[/etc/hotplug.d/usb_device/buffalo.hotplug] usb_device
ehci_marvell ehci_marvell.70059: USB bus 1 deregistered
/sbin/hotplug [usb_host]
/sbin/hotplug [drivers]
/sbin/hotplug [drivers]
/sbin/hotplug [module]
usbcore: deregistering device driver usb
/sbin/hotplug [drivers]
usbcore: deregistering interface driver usbfs
/sbin/hotplug [drivers]
usbcore: deregistering interface driver hub
/sbin/hotplug [drivers]
/sbin/hotplug [class]
/sbin/hotplug [bus]
/sbin/hotplug [bus]
/sbin/hotplug [bus]
/sbin/hotplug [module]
/sbin/hotplug [class]
[Success]

Service stopping :/etc/init.d/atalk.sh ...Stop servecies: atalkd afpd
Can't unregister TS-WXL3B3:Workstation@*
Can't unregister TS-WXL3B3:netatalk@*
killall: atalkd: no process killed
killall: afpd: no process killed
killall: papd: no process killed
killall: mDNSResponderPosix: no process killed
Starting Bonjour services: done
[Success.]
unloading :appletalk ...              NET: Unregistered protocol family 5
/sbin/hotplug [module]
/sbin/hotplug [module]
/sbin/hotplug [module]
[Success.]
unloading :psnap ...                  [Success.]
unloading :llc ...                    [Success.]
Service stopping :/etc/init.d/ftpd.sh ...Shutting down FTPD services: killall: proftpd: no process killed


[Failed. ]
Service stopping :/etc/init.d/stalk.sh ...[Skipped.]
Service stopping :/etc/init.d/smb.sh ...Shutting down SMB services:
killall: smbd: no process killed
Shutting down NMB services:
killall: nmbd: no process killed

Cleanup msdfs symbolic links... [Success]
```

```
Shutting down WINBIND services:
killall: winbindd: no process killed

Shutting down PAMSMBD services:
killall: pamsmbd: no process killed

[Failed. ]
umount: forced umount of /mnt/usbdisk1 failed!
umount: cannot umount /mnt/usbdisk1: Invalid argument
unloading :vfat ...              [Success.]
unloading :fat ...               [Success.]
Service stopping :/etc/init.d/ftpd.sh ...Shutting down FTPD services: killall: proftpd: no process killed


[Failed. ]
Service stopping :/etc/init.d/atalk.sh ...Stop servecies: atalkd afpd
/sbin/hotplug [module]
/sbin/hotplug [module]
/sbin/hotplug [module]
NET: Registered protocol family 5
Can't unregister TS-WXL3B3:Workstation@*
Can't unregister TS-WXL3B3:netatalk@*
killall: atalkd: no process killed
killall: afpd: no process killed
killall: papd: no process killed
killall: mDNSResponderPosix: no process killed
Starting Bonjour services: done
[Success.]
Service stopping :/etc/init.d/smb.sh ...Shutting down SMB services:
killall: smbd: no process killed
Shutting down NMB services:
killall: nmbd: no process killed

Cleanup msdfs symbolic links... [Success]

Shutting down WINBIND services:
killall: winbindd: no process killed

Shutting down PAMSMBD services:
killall: pamsmbd: no process killed

[Failed. ]
umount: forced umount of /mnt/usbdisk1 failed!
umount: cannot umount /mnt/usbdisk1: Invalid argument
unloading :ntfs ...              [Success.]
Service stopping :/etc/init.d/ftpd.sh ...Shutting down FTPD services: killall: proftpd: no process killed


[Failed. ]
Service stopping :/etc/init.d/atalk.sh ...Stop servecies: atalkd afpd
Can't unregister TS-WXL3B3:Workstation@*
Can't unregister TS-WXL3B3:netatalk@*
killall: atalkd: no process killed
killall: afpd: no process killed
killall: papd: no process killed
killall: mDNSResponderPosix: no process killed
Starting Bonjour services: done
[Success.]
Service stopping :/etc/init.d/smb.sh ...Shutting down SMB services:
killall: smbd: no process killed
Shutting down NMB services:
killall: nmbd: no process killed

Cleanup msdfs symbolic links... [Success]

Shutting down WINBIND services:
killall: winbindd: no process killed

Shutting down PAMSMBD services:
killall: pamsmbd: no process killed

[Failed. ]
umount: forced umount of /mnt/usbdisk1 failed!
umount: cannot umount /mnt/usbdisk1: Invalid argument
umount: forced umount of /proc/bus/usb failed!
umount: cannot umount /proc/bus/usb: No such file or directory
unloading :ehci_marvell_hcd ...      FATAL: Module ehci_marvell_hcd not found.
[Failed. ]
unloading :usb_storage ...       [Success.]
unloading :usbcore ...           [Success.]
===== errormon.sh stopping =====
Stop errormon:done.
[Success]


----- rcDown Finished. ----

RETVAL=1, but anyway go on the resume process.
reloading /etc/inittab
killall: sh: no process killed
EXT2-fs warning: checktime reached, running e2fsck is recommended
pwrmgr[1690]: mkdir new pwrmgr dir failed: File exists
pwrmgr: mkdir new pwrmgr dir failed: File exists
starting pid 8144, tty '': '/etc/init.d/rcDown'
put nologin
create ram-rootfs
use /boot/initrd.buffalo
```

```
down all processes
restart init(1) with no respawn in inittab(5)
kills the survived processes
remove /etc/nologin
unmount some file-systems. and turn off swaps
mount new rootfs
copy the PC-list and inittab(5) into new rootfs
change rootfs
restart new rootfs
starting pid 8146, tty '': '/bin/umount'
The system is going down NOW!
Sending SIGTERM to all processes
Sending SIGKILLmd: md0 in immediate safe mode
 to all processemd: md10 in immediate safe mode
s
md: md1 in immediate safe mode
init started: BusyBox v1.7.0 (2007-10-15 19:49:46 IST)
starting pid 8152, tty '': '/bin/umount'
umount: cannot umount /mnt: Device or resourEXT2-fs warning: checktime reached, running e2fsck is recommended
ce busy
starting pid 8154, tty '': '/bin/mount'
starting pid 8156, tty '': '/etc/init.d/standby.rcS'
enviroment variable area: CRC error.
nas_feature enviroment variable area: CRC error.
grep: /proc/buffalo/firmware: No such file or directory
/etc/init.d/standby.rcS: line 10: [: missing `]'
--- rcStart (initrd standby mode) ---
=====  exec:create_devlink.sh  =====
grep: /var/tmp/devlink: No such file or directory
=====  exec:sethostname.sh  =====
configure files from Buffalo parameters.
=====  exec:restore_config.sh  =====
mount: mounting /dev/md0 on /boot failed: No such file or directory
Update configuration files
** fail. not fount initfile.tar.gz
=====  exec:EnablingAutoip.sh  =====
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-eth0.pid eth0
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-eth1.pid eth1
/etc/init.d/networking.sh : Clear /etc/dhcpc/dhcpcd-bond0.pid bond0
/etc/init.d/networking.sh : Read dhcpc file
/etc/init.d/networking.sh : configure :
create network files.. (eth0)
IP=[dhcp], netmask=[], dgw=[], dns1=[], dns2=[]
create network files.. (eth1)
IP=[dhcp], netmask=[], dgw=[]
killall: dhcpcd: no process killed
/etc/init.d/networking.sh: line 87: /etc/init.d/networking.sh : Delete /etc/dhcpc/dhcpcd-.pid: No such file or directory
Configuration network interface: lo eth0 eth1
/ sbin / ifconfig eth0 person 1500 multicast
/sbin/ifconfig eth1 mtu 1500 multicast
requesting DHCP  tout=30[s]
networking.sh: dhcp requesting...
DontDownIface
alwaysFork
eth1: started
sendto:  count 6    sync 1
sendto:  count 5    sync 1
sendto:  count 4    sync 1
sendto:  count 3    sync 1
sendto:  count 2    sync 1
sendto:  count 1    sync 1
sendto:  count 0    sync 1
dhcpInit call AutoipBound
setAutoIP eth1 called
MAC address = 00:1d:73:e7:23:b4
file name /etc/dhcpc/autoip-eth1.info
/sbin/ifconfig eth1 169.254.76.230 netmask 255.255.0.0 up
Arp result 0
/etc/init.d/rService
** eth1 : networking.sh dhcp fin.
requesting DHCP  tout=30[s]
networking.sh: dhcp requesting...
DontDownIface
alwaysFork
eth0: link down
eth0: started
sendto:  count 6    sync 1
eth0: link up, full duplex, speed 1 Gbps
sendto:  count 5    sync 1
sendto:  count 4    sync 0
sendto:  count 6    sync 0
dhcpcd.exe: interface eth0 has been configured with new IP=192.168.2.200 GATEWAY=192.168.2.1,192.168.2.97
** eth0 : networking.sh dhcp fin.
Checking network address for each network device
configure files from Buffalo parameters.
=====  exec:create_usblink.sh  =====
umount: forced umount of /mnt failed!
umount: cannot umount /mnt: Device or resource busy
umount: forced umount of /boot failed!
umount: cannot umount /boot: No such file or directory
=====  exec:closeSysMd.sh  =====
md: md0 stopped.
md: unbind<sda1>
md: export_rdev(sda1)
md: unbind<sdb1>
md: export_rdev(sdb1)
mdadm: stopped /md: md1 still in use.
dev/md0
```

```
md: md10 stopped.
mdadm: fail to smd: unbind<sda5>
top array /dev/mmd: export rdev(sda5)
d1: Device or remd: unbind<sdb5>
source busy
md: export_rdev(sdb5)
mdadm: stopped /dev/md10
=====  exec:miconmon.sh  =====
Core Driver (ERROR) 0 0: Edma Error Reg 0x28
Core Driver (ERROR) 0 0: Flush DMA, type=CALLBACK, commands 0 (on EDMA 0)
Core Driver (ERROR) 0 1: Edma Error Reg 0x28
Core Driver (ERROR) 0 1: Flush DMA, type=CALLBACK, commands 0 (on EDMA 0)
err: ComSetLEDStatusTSXL: invalid parameter.

=====  exec:kernelmon.sh  =====
Starting kernelmon:=====  exec:clientUtil_servd.sh  =====
KERNELMOn (lanact 0 full eth0)
KERNELMOn (lanact 1000 full eth0)
Starting clientUtil_server:
  ->Starting on eth1
  ->Starting on eth0
=====  exec:pmcd.sh  =====
=====  exec:cron.sh  =====
Start services: crond
crond[8606]: crond 1.7.0 started, log level 8

=====  exec:httpd.sh  =====
Start a service: httpd
=====  exec:backupmon  =====
Start service: backupmon
=====  exec:pwrmgr.sh  =====
Starting pwrmgr:
touch: /var/lock/subsys/pwrmgr: No such file or directory
Shutting down pwrmgr:

Starting pwrmgr:
touch: /var/lock/subsys/pwrmgr: No such file or directory
/etc/init.d/standby.rcS: line 62: /proc/buffalo/gpio/
TS-WXL3B3 login:
```

Syntax error as usual here

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