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Boot (vxvm)

```
server{root}# eeprom | grep boot-device
boot-device=disk

server{root}# init 0
[…]

{3} ok printenv boot-device
boot-device =         disk

{3} ok setenv boot-device vx-rootdisk vx-rootmir
boot-device =         vx-rootdisk vx-rootmir
{3} ok printenv boot-device
boot-device =         vx-rootdisk vx-rootmir
{3} ok boot /pci@87,2000/scsi@1/disk@1,0:a -v
```

Checker device de boot

- SDS

```
server{root}# prtconf -vp | grep bootpath
        bootpath:  '/pci@83,4000/FJSV,ulsa@2,1/disk@0,0:a'
```

Booter en maintenance

```
sc> break -y
sc> console -f
sc> boot -s -a
```

Networker 8.1 sous Solaris 9

```
cd /usr/lib/iconv/geniconvtbl/srcs/
geniconvtbl ISO8859-1_to_UTF-8.src
geniconvtbl UTF-8_to_ISO8859-1.src
mv ISO8859-1_to_UTF-8.bt ../binarytables/
mv UTF-8_to_ISO8859-1.bt ../binarytables/
cd ../binarytables
ln -s ISO8859-1_to_UTF-8.bt ISO8859-1%UTF-8.bt
ln -s UTF-8_to_ISO8859-1.bt UTF-8%ISO8859-1.bt
```

```
-r--r--r--   1 bin      bin         1464 Feb 19 17:02 UTF-8_to_ISO8859-1.bt
lrwxrwxrwx   1 root     other         21 Feb 19 17:03 UTF-8%ISO8859-1.bt -> UTF-8_to_ISO8859-1.bt
-r--r--r--   1 bin      bin         1448 Feb 19 17:04 ISO8859-1_to_UTF-8.bt
lrwxrwxrwx   1 root     other         21 Feb 19 17:05 ISO8859-1%UTF-8.bt -> ISO8859-1_to_UTF-8.bt
```

Undelete Solaris

Si quelqu'un a fait un malencontreux rm des fichiers du répertoire *<rep>* des process du user *<user>*, le répertoire *<rep>* est vide mais les process sont toujours en machine avec les fichiers ouverts.

Avec la commande suivante, on récupère les fichiers :

```
cd /proc
find * -user <user> -links 0 -type f |
while read f
do
   x=`echo $f | sed 's!/!_!g' `
   echo ln $f <rep>/$x
done | sh -x
```

Récupérer des infos dans un fichier core

```
root@SomeMachine:/var/crash/SomeMachine# mdb -k unix.0 vmcore.0
Loading modules:
[ unix krtld genunix specfs dtrace ufs sd ssd fcp fctl emlxs ip sctp usba nca random lofs md logindmux ]
```

```
[ ptm cpc fcip sppp crypto zfs nfs ipc ]

> ::status
debugging crash dump vmcore.0 (64-bit) from SomeMachine
operating system: 5.10 Generic_118833-24 (sun4v)
panic message: BAD TRAP: type=31 rp=2a1061cb020 addr=0 mmu_fsr=0 occurred in module "ip" due to a
NULL pointer dereference
dump content: kernel pages only

> ::stack
udp_snmp_get+0x100(3000c659098, 4, 60027b1a7c0, 60001cd9060, 300079c8640, 600067cbc00)
snmpcom_req+0x33c(3000c659098, 60001d89080, 3000938ee00, 7bf7a248, 16, 6001c2f2530)
ip_snmpmod_wput+0xe4(3000c659098, 60001d89080, 7bf61c00, 7bf7a000, 7bf7a400, 600118ab0b0)
putnext+0x218(3000c659190, 3000c659098, 60001d89080, 100, 30007e13308, 0)
snmpcom_req+0x368(30007e13308, 60001d89080, 60025ad7380, 7bfe3720, 16, 6002abb88f0)
icmp_wput_restricted+0xc8(30007e13308, 60001d89080, 7bfe3400, 60001d89080, 6002d13f340, 600118ab0b0)
putnext+0x218(6000300ebe8, 30007e13308, 60001d89080, 0, 3000cb69b80, 0)
strput+0x1d8(6001a6dd2f0, 60001d89080, 4375, 60001d89080, 6002d13f340, 0)
strputmsg+0x298(0, 2a1061cb9e8, 2a1061cb9c8, 6001a6dd370, 2a1061cb8c8, 3)
msgio32+0x354(3, 4, 3, 2a1061cbad8, 6001ed2a970, 2a1061cbadf)
putmsg32+0x98(3, ffbffb9c, 0, 0, 4, 2a1061cbad4)
syscall_trap32+0xcc(3, ffbffb9c, 0, 0, 1d000, 3)

> ::panicinfo
             cpu               10
          thread      30002ac9c20
         message BAD TRAP: type=31 rp=2a1061cb020 addr=0 mmu_fsr=0 occurred in module "ip" due to a
NULL pointer dereference
          tstate       44e2001607
              g1      6000341f848
              g2                0
              g3                0
              g4                0
              g5                3
              g6                0
              g7      30002ac9c20
              o0      60027b1a7c0
              o1                0
              o2          2000000
              o3      60001cd9060
              o4         7bfad400
              o5                2
              o6      2a1061ca8c1
              o7         7bf7a320
              pc         7bf7a348
             npc         7bf7a34c
               y                0
            sfsr                0
            sfar                0
              tt               31
> 30002ac9c20::thread -p
            ADDR             PROC              LWP             CRED
0000030002ac9c20      60006922080      3000c64c710      600118ab0b0

> ::ps -f
...
> ::ptree
...

> 60006922080::ps -f
S    PID   PPID   PGID    SID    UID      FLAGS             ADDR NAME
R  17269  17267  16379  16379    359 0x4a004000 0000060006922080 netstat -ni

> 0t17269::pid2proc
60006922080

> 60006922080::ptree
0000000001836a40  sched
     00000600030b9360  init
          0000060004ea4fc8  cron
               0000060012176070  sh
                    0000060011a24c40  CheckTibcoATP.sh
                         000006002e8e7370  RepartitionInsta
                              000003000c5f7c28  grep
                                   0000060006922080  netstat
> 60006922080::ps -t
```

```
S    PID   PPID   PGID    SID    UID      FLAGS             ADDR NAME
R  17269  17267  16379  16379    359 0x4a004000 0000060006922080 netstat
        T     0x30002ac9c20 <TS_ONPROC>

> 30002ac9c20::findstack
stack pointer for thread 30002ac9c20: 2a1061ca491
  000002a1061ca541 die+0x78()
  000002a1061ca621 trap+0x9dc()
  000002a1061ca771 ktl0+0x64()
  000002a1061ca8c1 udp_snmp_get+0xd8()
  000002a1061ca9d1 snmpcom_req+0x33c()
  000002a1061caa81 ip_snmpmod_wput+0xe4()
  000002a1061cab31 putnext+0x218()
  000002a1061cabe1 snmpcom_req+0x368()
  000002a1061cac91 icmp_wput_restricted+0xc8()
  000002a1061cad41 putnext+0x218()
  000002a1061cadf1 strput+0x1d8()
  000002a1061caff1 strputmsg+0x298()
  000002a1061cb101 msgio32+0x354()
  000002a1061cb211 putmsg32+0x98()
  000002a1061cb2e1 syscall_trap32+0xcc()

> 0000060027b64098::ps -f
S    PID   PPID   PGID    SID    UID      FLAGS             ADDR NAME
R  17266  17265  16383  16383    358 0x4a004000 0000060027b64098 netstat -ni
> 0000060006922080::ps -f
S    PID   PPID   PGID    SID    UID      FLAGS             ADDR NAME
R  17266  17265  16383  16383    358 0x4a004000 0000060027b64098 netstat
        T     0x3000dc10340 <TS_SLEEP>
> 0000060027b64098::ps -t
S    PID   PPID   PGID    SID    UID      FLAGS             ADDR NAME
R  17266  17265  16383  16383    358 0x4a004000 0000060027b64098 netstat
        T     0x3000dc10340 <TS_SLEEP>
> 3000dc10340::findstack
stack pointer for thread 3000dc10340: 2a1088dabd1
[ 000002a1088dabd1 cv_wait+0x38() ]
  000002a1088dac81 ip_quiesce_conn+0x128()
  000002a1088dad31 ip_close+0x2c()
  000002a1088dade1 qdetach+0x90()
  000002a1088dae91 strclose+0x3c0()
  000002a1088daf61 socktpi_close+0x158()
  000002a1088db011 fop_close+0x20()
  000002a1088db0d1 closef+0x4c()
  000002a1088db181 closeandsetf+0x37c()
  000002a1088db231 close+8()
  000002a1088db2e1 syscall_trap32+0xcc()

> ::help
...
> ::dcmds
...
> ::quit
```

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Last update: **2015/11/30 11:37**