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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 IS08859-1_to_UTF-8.src
geniconvtbl UTF-8_to_IS08859-1.src
mv IS08859-1_to_UTF-8.bt ../binarytables/
mv UTF-8_to_IS08859-1.bt ../binarytables/
cd ../binarytables
ln -s IS08859-1_to_UTF-8.bt IS08859-1%UTF-8.bt
ln -s UTF-8_to_IS08859-1.bt UTF-8%IS08859-1.bt
```

```
-r--r--r--  1 bin    bin      1464 Feb 19 17:02 UTF-8_to_IS08859-1.bt
lrwxrwxrwx  1 root  other    21 Feb 19 17:03 UTF-8%IS08859-1.bt -> UTF-8_to_IS08859-1.bt
-r--r--r--  1 bin    bin      1448 Feb 19 17:04 IS08859-1_to_UTF-8.bt
lrwxrwxrwx  1 root  other    21 Feb 19 17:05 IS08859-1%UTF-8.bt -> IS08859-1_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 specs dtrace ufs sd ssa 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+0x1d0(6001a6dd2f0, 60001d89080, 4375, 60001d89080, 6002d13f340, 3)
strputmsg+0x298(0, 2a1061cb9e8, 2a1061cb9c8, 6001a6dd370, 2a1061cb8c8, 3)
msgio32+0x354(3, 4, 3, 2a1061cbad8, 6001ed2a970, 2a1061cbadf)
putmsg32+0x98(3, ffbfb9c, 0, 0, 4, 2a1061cbad4)
syscall_trap32+0xcc(3, ffbfb9c, 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          20000000
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 cclosef+0x4c()
000002a1088db181 ccloseandsetf+0x37c()
000002a1088db231 cclose+8()
000002a1088db2e1 syscall_trap32+0xcc()

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

```

From:  
<https://unix.ndlp.info/> - Where there is a shell, there is a way

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