

Problem install SunTrunking 1.3

Source: <http://unix.derkeiler.com/Newsgroups/comp.unix.solaris/2006-09/msg00837.html>

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 - *Date:* Wed, 20 Sep 2006 15:52:45 +0100
-

Hi,

I am trying to install SunTruning 1.3 on a V490 running Solaris 9

```
# uname -a
```

```
SunOS brstb1 5.9 Generic_118558-28 sun4u sparc SUNW,Sun-Fire-V490
```

```
# cat /etc/release
```

```
Solaris 9 9/05 s9s_u8wos_05 SPARC
```

```
Copyright 2005 Sun Microsystems, Inc. All Rights Reserved.
```

```
Use is subject to license terms.
```

```
Assembled 04 August 2005
```

```
Patches from:-
```

```
Solaris 9 Recommended Patch Cluster
```

```
DATE: Jul/06/06
```

The package installed fine :-

```
root: ./install
```

Sun Trunking 1.3 Utility Installation.

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*** Checking for existing Sun Trunking 1.3 Utility packages...

*** Checking for supporting Ethernet drivers and patches...

This script is about to take the following actions:

- Install Sun Trunking 1.3 Utility packages.
- Install Gigabit Ethernet: 113361-06 required patch(es).

Press return to continue, or 'Q' followed by a return to quit:

*** Installing patch 113361-06 for Solaris 9...

Checking installed patches...

This patch is obsoleted by patch 112233-12 which has already been applied to this system.

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Patchadd is terminating.

*** Installing Sun Trunking 1.3 Utility packages...
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=====

Please modify /etc/opt/SUNWconn/bin/nettr.sh to set up trunking configuration.

Please create /etc/hostname.qfeN entries for QFE trunk heads.

Please create /etc/hostname.geN entries for GEM trunk heads.

Please create /etc/hostname.ceN entries for CE trunk heads.

Reboot your system.

=====

Installation of <SUNWtrku> was successful.
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Installation of <SUNWtrkm> was successful.

*** Done.

A log of this Install can be found at:
/var/tmp/Trunking.install.2006.09.20

I checked the instance numbers for the ce interfaces:-

```
# grep ce /etc/path_to_inst
```

```
"/pci@9,700000/network@2" 0 "ce"
```

```
"/pci@9,600000/network@1" 1 "ce"
```

I then unplumbed the ce0 and ce1:-

```
# ifconfig -a
```

```
lo0: flags=1000849<UP,LOOPBACK,RUNNING,MULTICAST,IPv4> mtu 8232 index 1
```

```
inet 127.0.0.1 netmask ff000000
```

```
ce0: flags=1000863<UP,BROADCAST,NOTRAILERS,RUNNING,MULTICAST,IPv4> mtu 1500 index 2
```

```
inet 172.29.216.232 netmask fffffe00 broadcast 172.29.217.255
```

```
ether 0:14:4f:1e:81:f9
```

```
ce1: flags=1000862<BROADCAST,NOTRAILERS,RUNNING,MULTICAST,IPv4> mtu 1500 index 3
```

```
inet 172.29.216.232 netmask fffffe00 broadcast 172.29.217.255
```

```
ether 0:14:4f:1e:81:f9
```

```
# ifconfig ce0 unplumb
```

```
# ifconfig ce1 unplumb
```

I then ran:-

```
# /etc/opt/SUNWconn/bin/nettr -setup 0 device=ce policy=1 members=0,1
```

```
Sep 20 11:31:33 brstb1 ce: NOTICE: ce_aggr_req: failed to register ce0 key=0
```

```
Sep 20 11:31:33 brstb1 trslm: NOTICE: trunk link (ce0): DL_ERROR_ACK for DL_AGGR_REQ(259), errno 0, unix 0
```

```
/etc/opt/SUNWconn/bin/nettr: ioctl failed: I/O error
```

```
/etc/opt/SUNWconn/bin/nettr: UNLINK failed: Bad file number
```

```
/etc/opt/SUNWconn/bin/nettr: UNLINK failed: Bad file number
```

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```
# /etc/opt/SUNWconn/bin/nettr -run
Configuring Sun Trunking devices
Sep 20 11:36:51 brstb1 ce: NOTICE: Trunk Setup failed
Sep 20 11:36:51 brstb1 ce: NOTICE: SLOW protocol stream bind failed
because Stream 3000cb922e0 sap 0x806 already bound to ce0 .. Exiting
Sep 20 11:36:51 brstb1 trslm: NOTICE: trunk link (ce0): DL_ERROR_ACK for
DL_BIND_REQ(1), errno 0, unix 0
nettr: ioctl failed: I/O error
nettr: UNLINK failed: Bad file number
nettr: UNLINK failed: Bad file number
```

I then rebooted to see if that would clear the problem:–

```
syncing file systems... done
Program terminated
{2} ok setenv local-mac-address? true
local-mac-address? = true
{2} ok boot -r
Resetting ...
```

Software Reset

```
Enabling system bus..... Done
Initializing CPUs..... Done
Initializing boot memory.. Done
Initializing OpenBoot
Probing system devices
Probing I/O buses
```

Sun Fire V490, No Keyboard

```
Copyright 2005 Sun Microsystems, Inc. All rights reserved.
OpenBoot 4.18.8, 16384 MB memory installed, Serial #69108217.
Ethernet address 0:14:4f:1e:81:f9, Host ID: 841e81f9.
```

```
Rebooting with command: boot -r
Boot device: /pci@9,600000/SUNW,qlc@2/fp@0,0/disk@w21000014c3d2f418,0:a
File and args: -r
sorry, variable 'ecache_scan_rate' is not defined in the 'kernel'
SunOS Release 5.9 Version Generic_118558-28 64-bit
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WARNING: forceload of misc/md_trans failed
WARNING: forceload of misc/md_raid failed
WARNING: forceload of misc/md_hotspares failed
WARNING: forceload of misc/md_sp failed
Configuring Sun Trunking devices
nettr: Cannot find /usr/lib/ld.so.1
```

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Killed
configuring IPv4 interfaces: ce0.

What have I missed?

Cheers
Richard.