

## PPP on Solaris 8

In this example, client **lxp** will connect to PPP server **u60p** via a direct serial connection.

NB null modem cable between LX port A/B and Ultra 60 port A

Before doing the PPP setup, enable a tty login on port A of the server (just run admintool and remove the Initialize Only radio button for ttya) and make sure you can `tip cuaa` from the client.

### A. Server setup

- Insert 2 of 2 CD, add PPP and UUCP packages  
`pkgadd SUNWpppk apppu apppr pppkx SUNWbnur bnuu`  
pppkx is for sun4u (ultraSparc) only
- add lxp and u60p to /etc/hosts
- Create user **lxppp** home=/home/lxppp shell=/usr/sbin/aspppls
- edit /etc/asppp.cf :

```
ifconfig ipdptp0 plumb u60p lxp up netmask +
path
    ipc_async_map 0
    inactivity_timeout 0
    interface ipdptp0
    debug_level 9
    peer_system_name lxppp
    peer_ip_address lxp

arp -s lxp <server'sMACAddress> pub
ndd -set /dev/ip ip_forwarding 1
    Also add the above 2 lines /etc/rc2.d/S45ppp
touch /var/adm/log/asppp.log
add norip ipdptp0 to /etc/gateways
```

### B. Client setup

Insert 2 of 2 CD, add PPP and UUCP packages:

```
pkgadd SUNWpppk apppu apppr pppkx(only for sun4u) SUNWbnur bnuu
```

add lxp and u60p to /etc/hosts

edit /etc/uucp/Devices : at end of file :

```
ACU cua/a - Any myppp
```

Edit /etc/uucp/Dialers:

```
myppp "" "" STTY=crtsets
```

/etc/uucp/Systems:

```
u60p Any ACU 9600 - "" P_ZERO "" \n in:--in: lxppp\n word: qwerty68\n
( for a modem connection the STTY, P_ZERO and \n are probably not needed )
```

/etc/asppp.cf:

```
ifconfig ipdptp0 plumb lxp u60p up
path
    inactivity_timeout 0
    interface ipdptp0
    debug_level 9
    [default_route]
    peer_system_name u60p # Must match the name used in /etc/uucp/Systems
```

```
touch /var/adm/log/asppp.log
```

```
touch /etc/notrouter
```

```
add norip ipdptp0 to /etc/gateways
```

```
/etc/init.d/asppp start
```

```
ping u60p
```