TCPCP2 Installation Manual

1. Apply the patch to the kernel.

    1) Place the following files in the directory */usr/src* .
        - The source files of Linux Kernel 2.6.15: *linux-2.6.15.tar.bz2*
        - The kernel patch of TCPCP2: *kernel.2.6.15.tcpcp2.patch*

    2) Extract the source files of the kernel.

```
# cd /usr/src
# tar xvjf linux-2.6.15.tar.bz2
```

    3) Apply the patch of TCPCP2 to the kernel.

```
# cd linux-2.6.15
# patch -p1 < ../kernel.2.6.15.tcpcp2.patch
```

2. Rebuild and install the kernel.

    1) Configure the kernel.

```
# make menuconfig
```

    Select submenu "Device Drivers" -> "Networking support" -> "Networking options", and use TCPCP2.

```
<*> IP: TCP connection passing (EXPERIMENTAL)
[ ]   debug
```

    2) Rebuild the kernel.

```
# make
```

    3) Install the kernel.

```
# make modules_install
# make install
```

3. Build and install the library.

    1) Place the following file in the appropriate directory.
        - The tool of TCPCP2: *tcpcp2-1.0.tgz*

    2) Extract the library of TCPCP2.

```
# tar xvzf tcpcp2-1.0.tgz
```

    3) Build the library of TCPCP2, and place it in the directory */lib64* .
       And place the header file of TCPCP2 in the directory */usr/local/include* .

```
# cd tcpcp2/lib64
# make
```

4. Reboot the kernel.

    1) Reboot the kernel.

```
# shutdown –r now
```