

Installing and Configuring Serial Port.**Installing**
Configuring
Getting Access
Cabling

We will use the **cu** program to access other devices using the serial port. **Cu** is part of the package UUCP. Check your system has this package installed:

```
bash$ rpm -q uucp
```

Installing

If you don't have the uucp package in your distribution, you can download from:

<http://updates.redhat.com/7.2/en/os/i386/>

If need it, install the package doing:

```
# rpm -ihv uucp-1.06.1-33.7.2.i386.rpm
Preparing... ##### [100%]
 1:uucp          ##### [100%]
```

Configuring

To configure the Serial port you need to add some lines in the **/etc/uucp/sys** and **/etc/uucp/port** file.

/etc/uucp/sys

```
#
# /dev/ttyS0 at 38400 bps:
#
system          S0@38400
port            serial0_38400
time           any
```

/etc/uucp/port

```
#
# /dev/ttyS0 at 38400 bps:
#
port            serial0_38400
type           direct
device         /dev/ttyS0
speed          38400
hardflow       false
```

Getting Access

To get access to the remote device, from the command line, you need to do:

```
bash$ cu S0@38400  
>>Connected.
```

To disconnect from the console shell use:

```
>>~.  
Disconnected.
```

Cabling

The cables to connect from the server to the device (in our case the SmartBits chassis) is a **straight cable** with DB25 connection in the SmartBits end and DB9 in the Server box, both females.