

How to Install and Configure AX-800P/1600P with Trixbox 2.6

To use AX-800P/1600P in Trixbox, you have to reinstall Zaptel with the driver of AX-800P/1600P. Customers need to download Zaptel and the driver of AX-800P/1600P, then reinstall Zaptel with the driver of AX-800P/1600P.

1. Please run **lspci** command to check if the card is detected by your server, if it is detected, you can see one line with Tiger like the following:
05:04.0 Communication controller: **Tiger** Jet Network Inc. Tiger3XX Modem/ISDN interface

If you can not get one line like above, you have to power off your server, and replug the card.

2. Please download Zaptel, **the version of Zaptel must be the same as it is used in Trixbox, otherwise it may cause unpredictable error.**

You can use `ztcfg -vv` or `dmesg` command to check what is the version of Zaptel is used in your Trixbox.

You can download Zaptel from the following link:

<http://downloads.asterisk.org/pub/telephony/zaptel/releases/>

3. `cd /usr/src/`
4. `[root@Trixbox src]# wget zaptel-x.x.x..tar.gz`
5. `[root@Trixbox src]# tar -xvzf zaptel-x.x.x.tar.gz`
6. Before reinstalling Zaptel, you had better stop asterisk and Zaptel in your server. Please use the following command to stop asterisk and Zaptel
amportal stop
service zaptel stop
7. Download the driver of AX-800P/1600P from ATCOM website and install Zaptel, **customer must copy the driver to Zaptel-x.x.x./kernel directory, or enter into Zaptel-x.x.x./kernel/ directory, then download the driver of AX-800P/1600P.**

`[root@Trixbox src]# cd Zaptel-x.x.x./kernel/`

`wget http://www.atcom.cn/downloads/TelephonyCard/drivers/AX-1600P/wctdm.c.v1.4`

change the name `wctdm.c.v1.4` to `wctdm.c`:

`cp wctdm.c.v1.4 wctdm.c`

`cd ..`

8. Please use the following command to reinstall Zaptel
9. `[root@localhost Zaptel-x.x.x]#make clean`
`[root@localhost Zaptel-x.x.x]#make`

```
[root@localhost Zaptel-x.x.x]#make install
```

During step 9, if you do not get any error information, it means that you have reinstalled zaptel successfully; if you get any error information, you have to check the error and fix it, then run the installation command above again.

10. Please run **service zaptel start** command to start zaptel.
11. Please run the following command to configure the `/etc/system.conf` and `/etc/asterisk/zapata-channels.conf` file automatically.
genzaptelconf -sdvM
It does not show any output if genzaptelconf runs successfully.
ztcfg -vv
You can get some information of all the channels, if ztcfg -vv command runs successfully.
12. Please run **amportal start** command to start asterisk.
13. Please run **asterisk -vvgrc**, then run **reload**
14. Please run **zap show channels**, you can see all the channels