

Installing OpenVox_Voyage

Written by: James.zhu@openvox.cn

Date: 12/08/2008

OpenVox_Voyage is a test environment only. It has installed asterisk, mISDN, zaptel. Users can test OpenVox B200M/B400M/A400M under it, or add some extra features for your customization. To install OpenVox_Voyage system, users have to go through few steps:

1) Set the hardware

Please make sure the hardware is ready to test.

First, please make sure that the power supply for FXS of Analog cards or NT module of ISDN cards must be switched on if the system module works with FXS or NT.

Second, please make sure the serial port (9 pins) is connected with your hyper terminal or minicom if using Linux.

Third, please make sure the network cable is plugged in.

2) Dump the image to disk device

Please go to OpenVox website (http://openvox.com.cn/downloadsFile/openvox_voyage-linux.img.gz) to get the image and copy it to /usr/src. Please insert your card reader to let the system detect the CF card. In this example, my CF card is /dev/sda. It might be different. Please make sure that you can access right device. Do not take a risk!

Run the command to copy the image to CF card.

```
gunzip -c openvox_voyage.img.gz | dd of=/dev/sda bs=16k
```

It will take much time.

3) Set serial port

Set the hyper terminal or minicom to access the system:

Go to communication-> Hyper terminal->create one console:

Hyper terminal setup: 38400 8-N-1 Flow Control = none

After done the setting, log in: username: root, password: voyage

Users should be able to see the console like this:

```
Debian GNU/Linux 4.0 voyage ttyS0
voyage login: root
Password:
Linux voyage 2.6.23-486-voyage #1 PREEMPT Wed May 21 15:31:49 GMT 2008 i586

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.

  V O Y A G E
  _ _ _ _ _

  { V o y a g e } - L i n u x
    < http://linux.voyage.hk >   Useful Commands:
                                remountw - mount disk as read-write
                                remountro - mount disk as read-only
                                remove.docs - remove all docs and manpages

                                Version: 0.5 (Build Date 20080622)

voyage:~# _
```

Test environments:

OS: voyage-linux (Linux voyage 2.6.23-486-voyage)

Hardware: OpenVox IX100

CF card: *Transcend 8GB 133X*

Drivers: Asterisk (1.4.21.1), mISDN (1_1_8), Zaptel(1.4.11)

References:

<http://linux.voyage.hk/>

www.asterisk.org

www.openvox.com.cn

www.misdn.org