

How to install openvox A400P with AsteriskNow

Test tools:

asteriskNow-1.5.0

A400P (2FXO + 2FXS)

(If you have FXS modules, you should plug the 12V DC into the A400P)

Step1:

1. Insert the openvox A400P into the PCI slot, then install the AsteriskNOW
2. When you login in to the asteriskNow, Please run command:

```
dahdi_genconf
```

it will be automatic generation two file:

```
/etc/dahdi/system.conf
```

```
/etc/dahdi/asterisk/dahdi-channels.conf
```

3. Renamed the file chan_dahdi.conf.template file chan_dahdi.conf

```
cd /etc/asterisk
```

```
mv chan_dahdi.conf.template chan_dahdi.conf
```

Step2: Then modify the chan_dahdi.conf

```
vi chan_dahdi.conf
```

Find this line `#include chan_dahdi_additional.conf`. Then add line

in front of this line:

```
#include dahdi-channels.conf
```

You will see the following code:

```
#include dahdi-channels.conf  
; include dahdi extensions defined in FreePBX  
  
#include chan_dahdi_additional.conf  
; XTDM20B Port #1,2 plugged into PSTN  
  
;AMPLABEL:Channel %c - Button %n
```

Then save and exit the file.

Step 3:

1. run the command s:

```
asterisk -r  
  
stop now  
  
asterisk -vvvvvvvvvvvgc
```

2. In the asterisk cli, you should check the dahdi channels:

```
dahdi show channels
```

the result like this:

```
bogon*CLI> dahdi show channels
```

Chan	Extension	Context	Language	MOH Interpret
pseudo		default		default
1		from-pstn	en	default
2		from-pstn	en	default
3		from-internal	en	default
4		from-internal	en	default

Step4:

In another a Windows computer's IE address bar enter your IP



You will see the following:



[Voicemail & Recordings \(ARI\)](#)

[Flash Operator Panel \(FOP\)](#)

[FreePBX Administration](#)

In the figure above select FreePBX Adiminstration after the login screen will pop up as follows:

A screenshot of a Windows-style login dialog box. The title bar is blue and contains the text '需要身份验证' (Need authentication) and a close button. The main area has a light gray background and contains the following text: 'FreePBX Administration上的 192.168.2.134:80 服务器要求提供用户名和密码。' (The 192.168.2.134:80 server on FreePBX Administration requires a username and password). Below this text are two input fields: '用户名:' (Username) with the text 'admin' entered, and '密码:' (Password) with '*****' entered. At the bottom right, there are two buttons: '登录' (Login) and '取消' (Cancel).

The initial username and password are admin. Input finished, click on "Login". You will see:

FreePBX 2.5.1.0 on 192.168.2.134

Admin Reports Panel Recordings Help

Logged in: admin (Logout)

Setup Tools

Admin

FreePBX System Status

Module Admin

Basic

Extensions

Feature Codes

General Settings

Outbound Routes

Trunks

Administrators

Inbound Call Control

Inbound Routes

Zap Channel DIDs

Internal Options & Configuration

Music on Hold

System Recordings

FreePBX System Status

English

FreePBX Notices

- Could not reload FOP server
- Default Asterisk Manager Password Used
- Memory Limit Changed
- No email address for online update checks

show all

System Statistics

Processor	
Load Average	0.04
CPU	0%
Memory	
Free Memory	22%
Swap	0%
Disks	
/	1%
/boot	10%
/dev/shm	0%
Networks	
eth1 receive	0.00 KB/s
eth1 transmit	0.00 KB/s
eth0 receive	0.26 KB/s
eth0 transmit	2.75 KB/s

FreePBX Statistics

Total active calls	0
Internal calls	0
External calls	0
Total active channels	0

FreePBX Connections

Uptime

System Uptime: 31 minutes
Asterisk Uptime: 29 minutes
Last Reload: 0 minutes

Server Status

Asterisk	OK
Op Panel	OK
MySQL	OK
Web Server	OK
SSH Server	OK

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Step5:

When you want to increase the extension ,choose the left of the toolbar"extensions",and then you will see:

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Add an Extension

English

Please select your Device below then click Submit

Device

Device

Submit

Add Extension

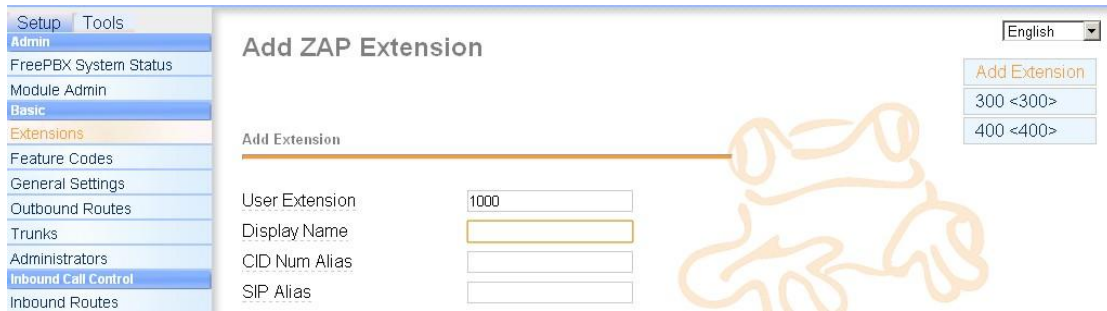
300 <300>

400 <400>

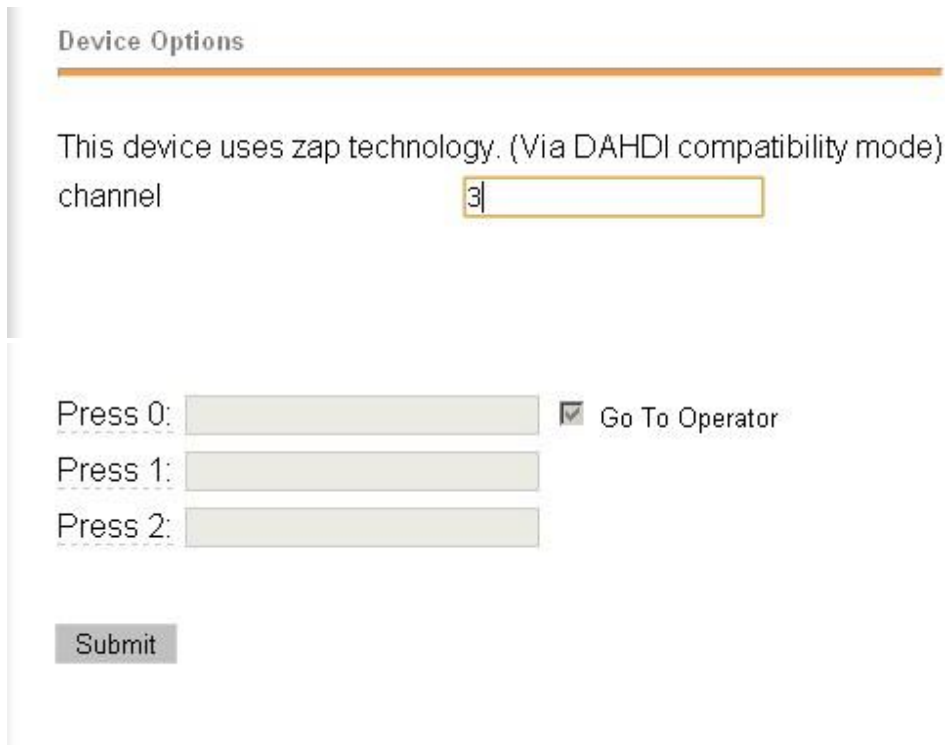
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Device on the right in the middle of the drop-down selection box,select"Generic ZAP Device",then click the button

“Submit”below the page.You will see the following:



In the figure above the right side of User Extension text box,enter the number you want to call(eg:1000).Then the next input the channel number(Note:You just need to enter the channel number) as the following figure:



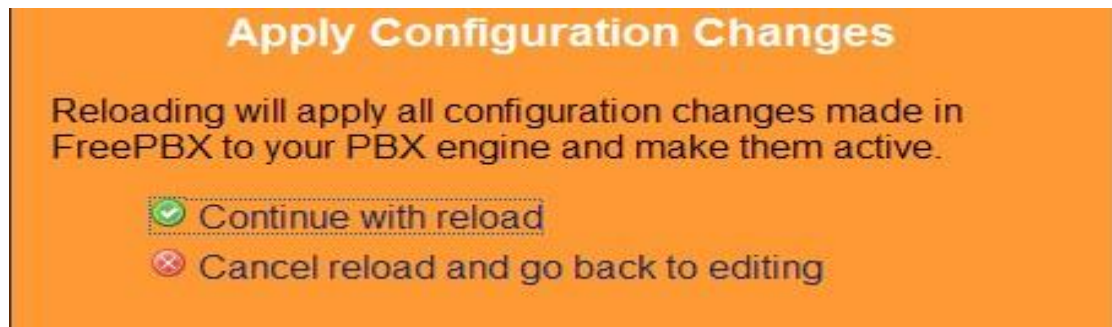
Then,click the button “Submit”.

Finally, make sure to click on top of the page: Apply Configuration

Changes as shown below:



After click you will see:



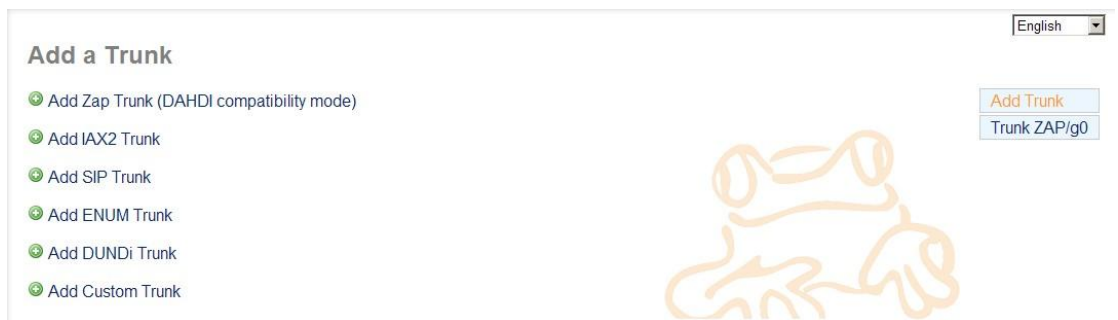
Then select “Continue with reload”.

As the above the method registered another module.

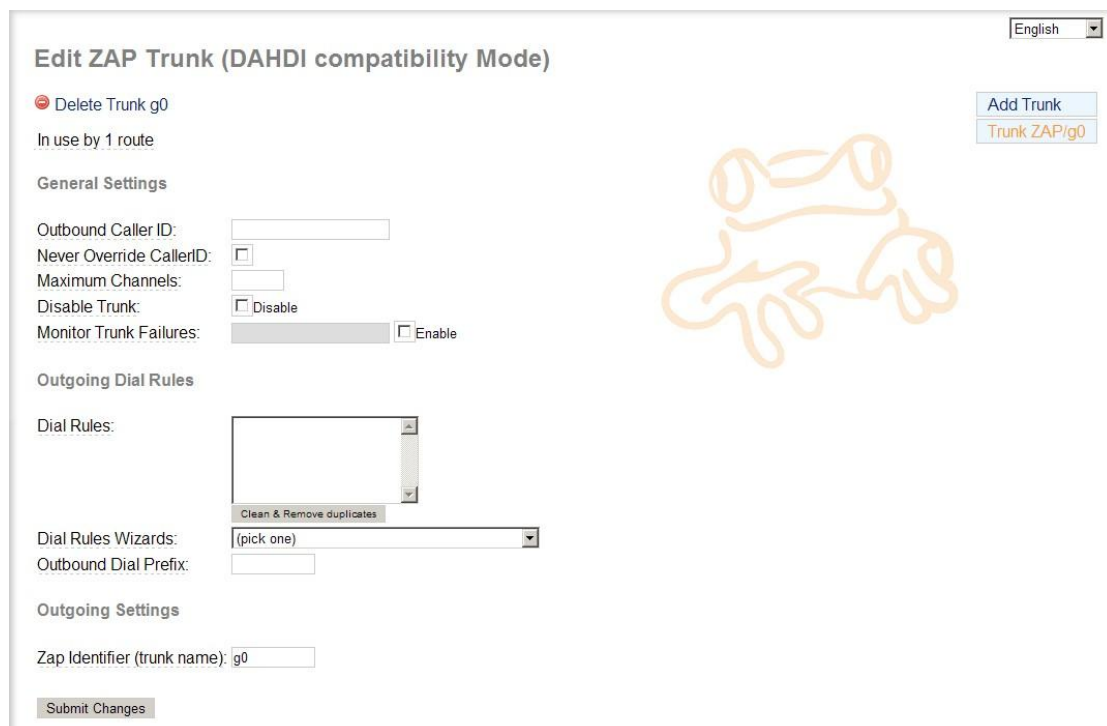
Then try to use two analog phones, determine whether they can open up with each other.

Step 6:

When you need to set up an outside line, please return to the main interface just. Select the option on the left column “Trunks”. At this point you will see:



Click on the map to the right of Trunk Zap/g0 button. You will see the following:



Remember, when you dial an outside line, please call your number at the front of a number "9." Figure above and all other settings can remain the default.