OpenVox

AppNote

VoxStack GSM Gateway Connect with iCallDrid Manual
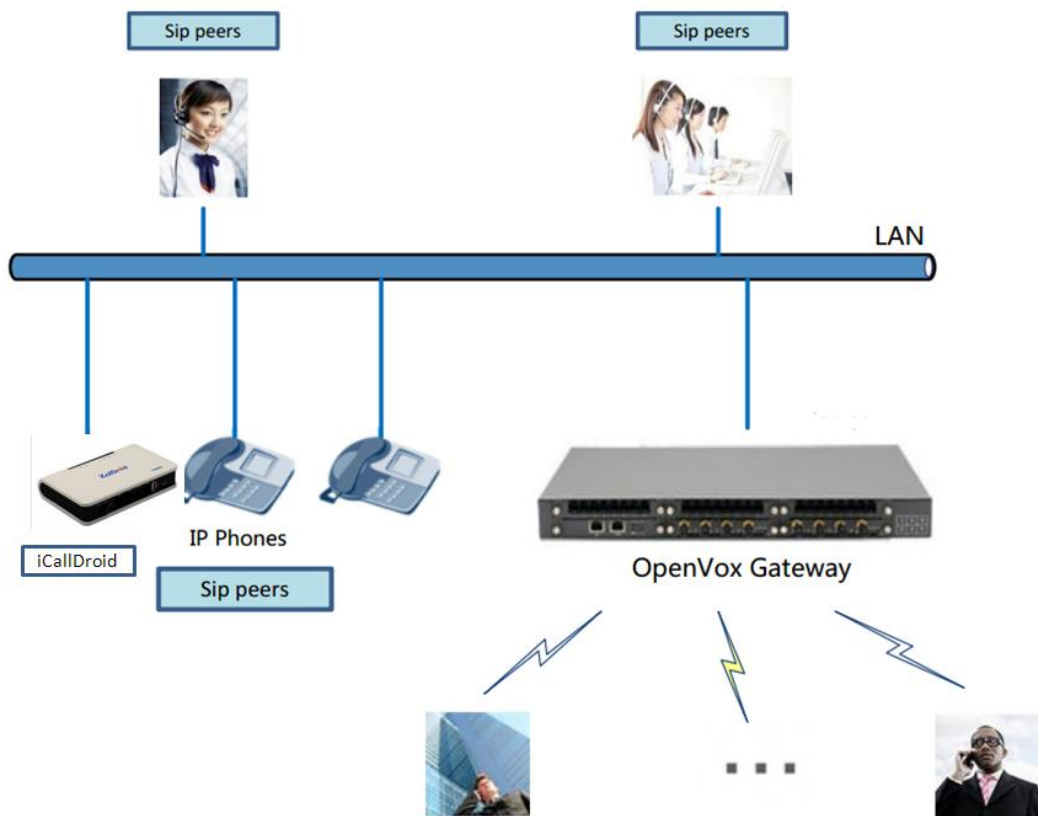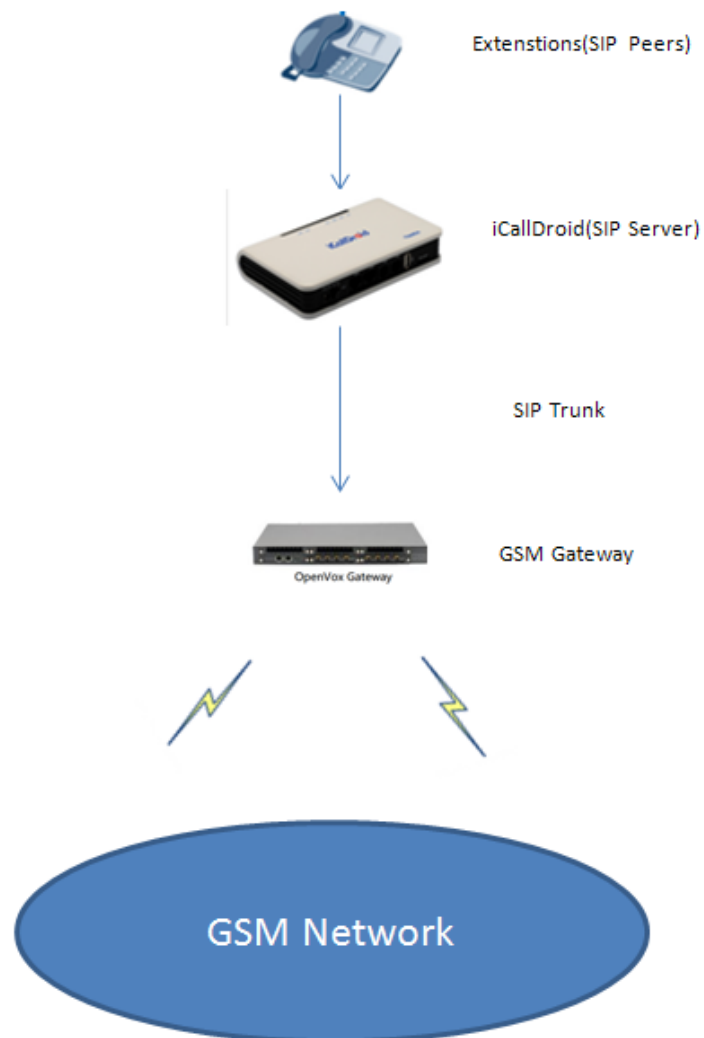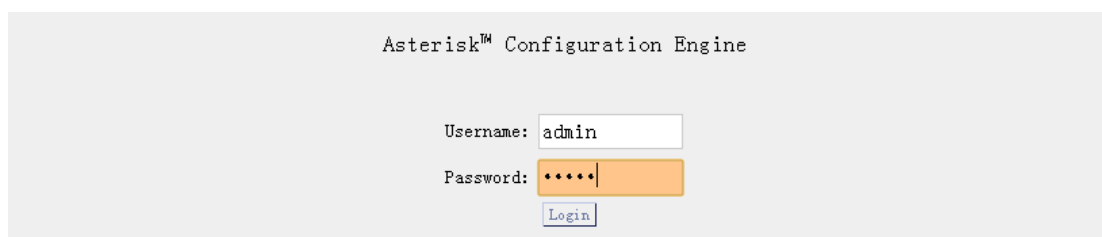
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The Topology

This manual is based on the topology, to guide you how to configure between iCallDroid and GSM Gateway.

Create a Trunk Connect Gateway with iCallDroid

Create Trunk in iCallDroid

Step 1: Login your iCallDroid.
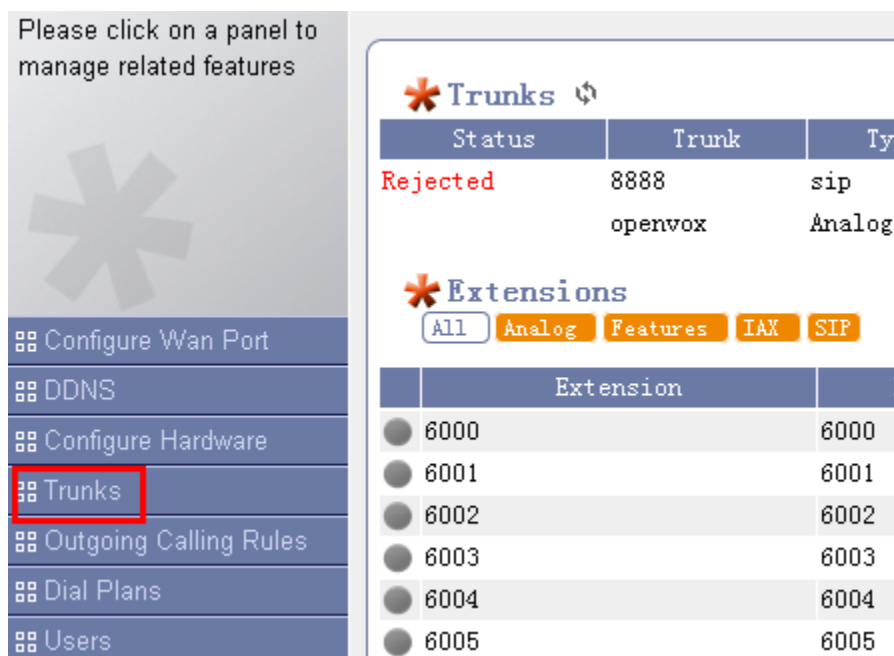

Please input your username and password, then click the login. You will access the iCallDroid world.

Step 2: Create a Trunk for the GSM Gateway:
Please click the Trunk button, follows:

Step 3: Choose the VOIP Trunk, follows:

Notice: Because the iCallDroid connect the gateway via SIP protocol, so Please choice the "VOIP Trunk".

Step 4: Add a new SIP Trunk, for example:
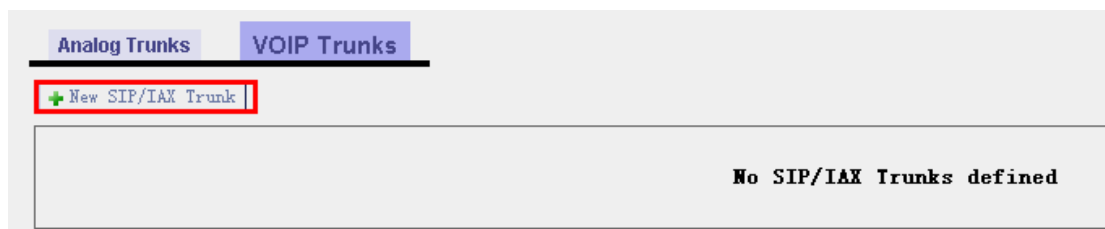
Please click the New SIP/IAX Trunk.

Step 5: Configure the Trunk, like flows:

Type: Choose the Protocol Type, please choose the SIP
Hostname: The gateway IP address
Notice: Don't forget to save it (Click the Save button, and then click the Apply Changes)

When you finished the Trunk configuration, you will see it on Trunk menu.

| 8888 | SIP | 172.16.8.42 | 8888 | Edit | Delete |

Now, we have finished the Trunk configuration in iCallDroid. Nest, let us configure a trunk in GSM Gateway connect it with iCallDroid.

Create Trunk in GSM Gateway

Step 1: login your GSM Gateway

Step 2: Access the SIP menu, flows：

Step 3: Click the Add New SIP Endpoint

Step 4: Configure the Trunk in GSM Gateway, flows:

Step 5: Save it and apply.
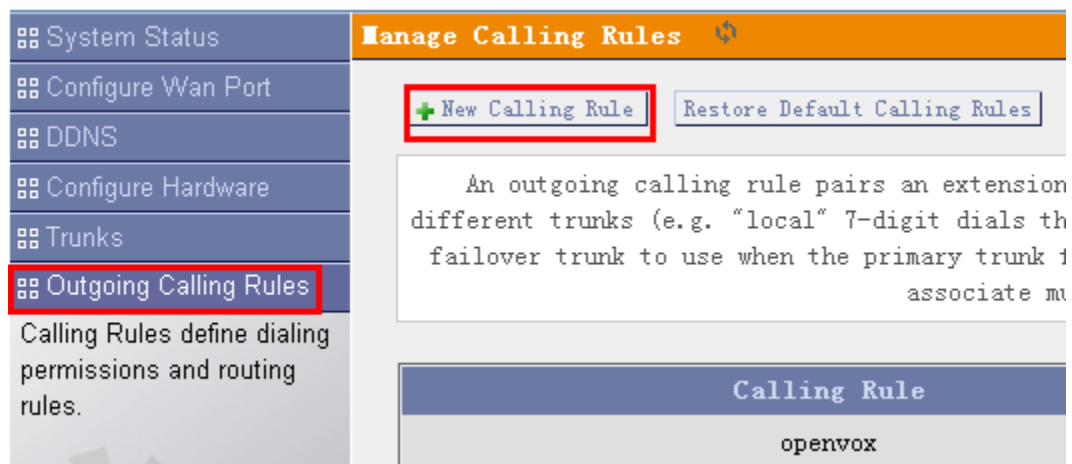
So far, we have created a Trunk connected the GSM Gateway with iCallDroid. Now Let us continue.

Create an Outgoing Call Rules in iCallDroid

Step 1: Click the Outgoing Calling Rules, and then click the New Calling Rule, follows:

Step 2: Configure the Outgoing Call Rules in iCallDroid, follows:
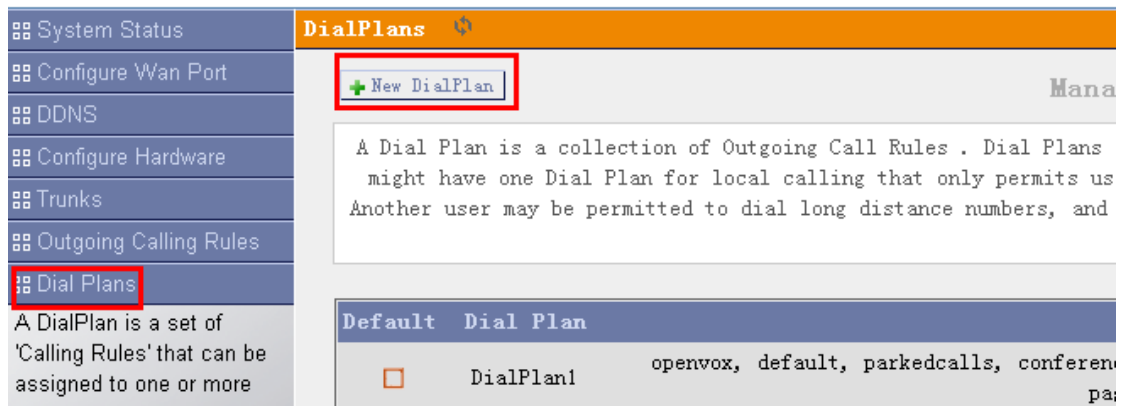
Set a name for the outgoing rule and choice the Trunk to send the Call.
Notice: Don't forget to save it and apply.

Create a Dialplan in iCallDroid

Step 1: Please choose the "Dial Plans" menu, and click the "New DialPlan" button.
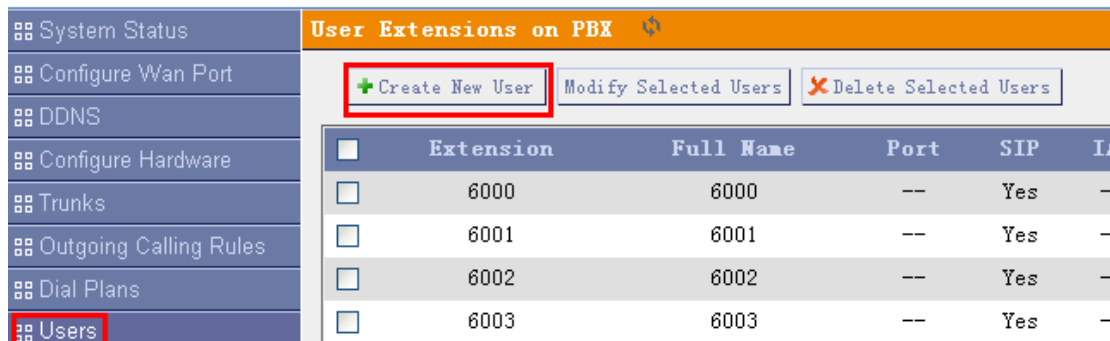
Step 2: Configure the DialPlan, like flows:

Notice: Please choose the outgoing rules you created, I have create an outgoing rule before. And then save it and apply.

Create an Extenstion in iCallDroid.

Step 1: Please access the "user" menu, and then click "add new user", like follows:

Notice: you can use the default Users.

Step 2: Configure the new user, as below:
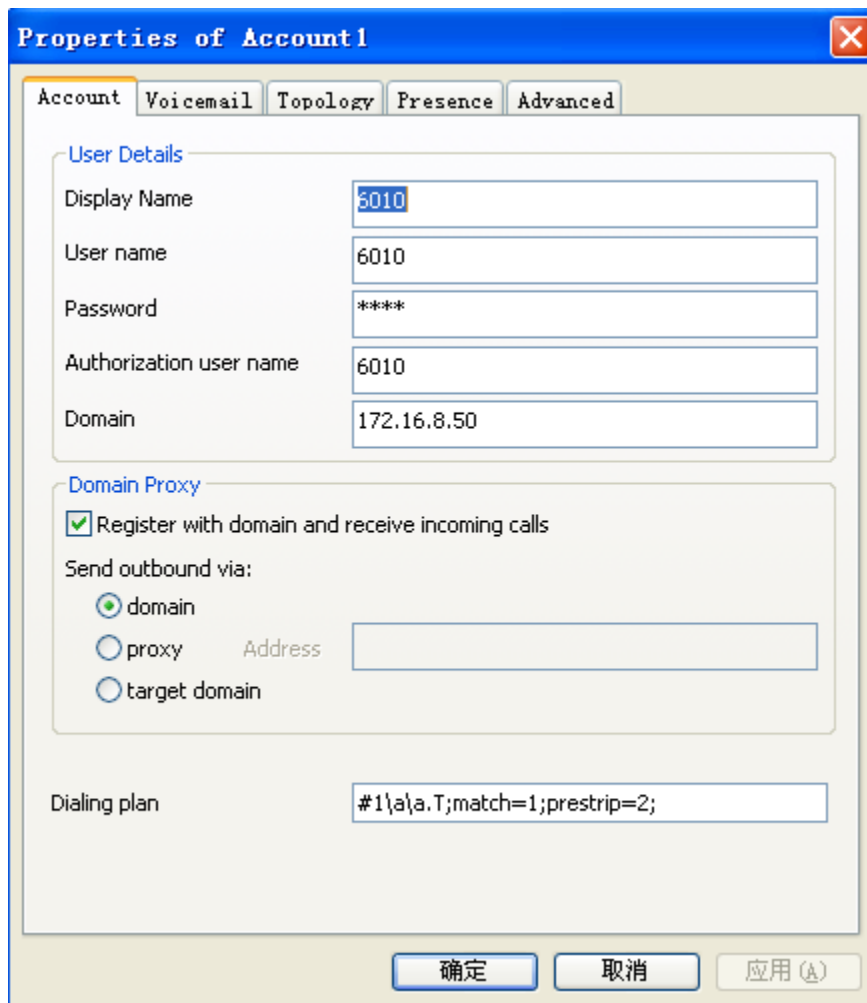
Notice: Please choose the DialPlan that I have created before, so what I choose is the dialplan "Test_dialplan".

Step 3: Register a SIP extenstion to iCallDroid. For example:

For now, we have finished the config in iCallDroid.

Create a Rule in GSM Gateway

Step 1: Click the ROUTING→Call Routing Rules:
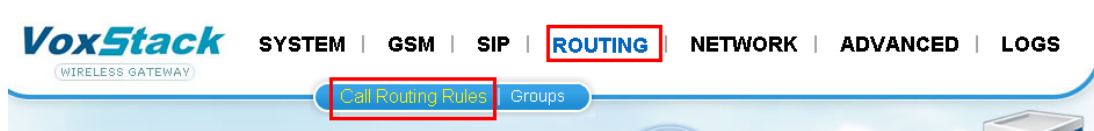
Step 2: Add a new rules, like below:

Step 3: Configure the rules:

Please save it and apply.

Now we have finished the configuration, let's make a test.

Port	Signal	BER	Carrier	Registration Status	PDD(s)	ACD(s)	ASR(%)	GSM Status	Remain Time
gsm-1		0	CHINA MOBILE	Registered (Home network)	3	12	100	CALL ACTIVE Called to 10086 00:00:19	No Limit
gsm-2		0	CHINA MOBILE	Registered (Home network)	0	0	0	READY	No Limit
gsm-3		7	CHINA MOBILE	Registered (Home network)	0	0	0	READY	No Limit

As you see, now we have established a call.

Tips:

Any questions during configuration, please consult in our forum or look up for answers from the following website:

http://bbs.openvox.cn/
http://wiki.openvox.cn/index.php/%E9%A6%96%E9%A1%B5