

I was having problems getting the DV Switch Mobile Andorid app to work with allstar. I have no problem with the Windows iaxrpt program.

Things I referenced:

<https://www.hamvoip.org/iaxrpt-config.pdf>

<https://dvswitch.groups.io/g/Mobile/wiki/AllStarLink-setup-for-DVSwitch-Mobile>

Seems everything I try results in bashing my head into a wall. Well I eventually figured it out.

I changed the last line of the example I found for extensions.conf.

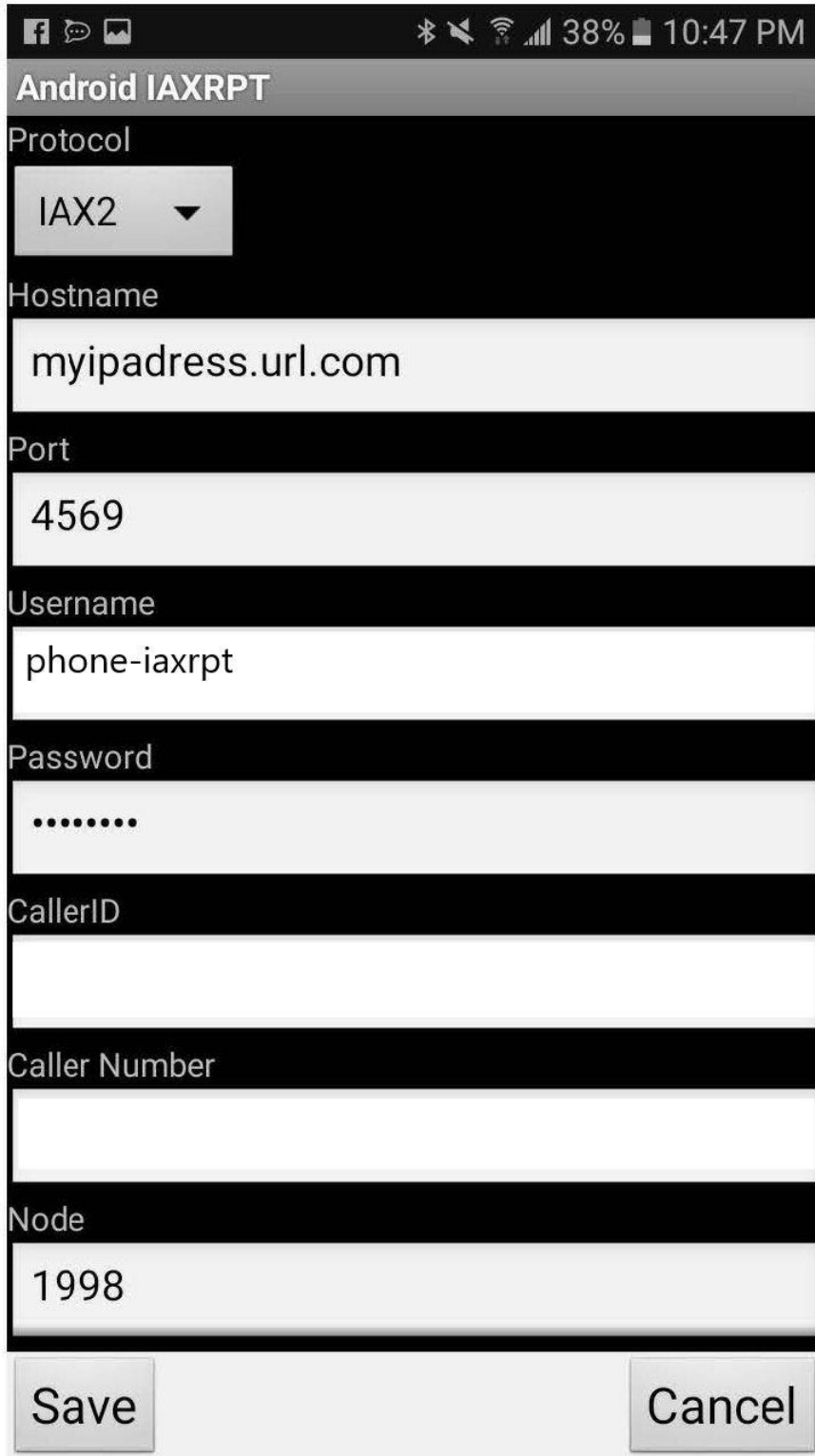
In /etc/iax.conf:

```
[phone-iaxrpt] ; The stanza is the Username from the phone app
type=friend
context=phone-iaxrpt
host=dynamic
auth=md5
secret=YourPassword ; PASSWORD
disallow=all
allow=ulaw
transfer=no
calltokenoptional=0.0.0.0/0.0.0.0
requirecalltoken=no
```

In /etc/extensions.conf:

```
[phone-iaxrpt] ;;; Stanza is the context from iax.conf
exten => 1998,1,Answer
exten => 1998,n,Playback,rpt/node
exten => 1998,n,Playback,digits/1
exten => 1998,n,Playback,digits/9
exten => 1998,n,Playback,digits/9
exten => 1998,n,Playback,digits/8
exten => 1998,n,Set(CALLERID(num)=0)
;exten => 1998,n,Rpt,1998|P|${CALLERID(name)} ;;; The "CallerID" from IAXRpt
; Change 2000 below to your allstar node number
exten => 1998,n,Rpt,2000|P|${CALLERID(name)}
```

This is the Accounts tab of the DV Switch Mobile Android App. Once you setup one of the accounts with the credentials that match that in your Asterisk server's `iax.conf` file then you can go back to the dialer screen and connect to a radio, etc.



The screenshot shows the 'Android IAXRPT' app interface. At the top, there is a status bar with icons for Facebook, messages, and camera, along with system icons for Bluetooth, airplane mode, Wi-Fi, cellular signal, 38% battery, and the time 10:47 PM. Below the title bar, the 'Protocol' is set to 'IAX2' in a dropdown menu. The 'Hostname' field contains 'myipadress.url.com'. The 'Port' field contains '4569'. The 'Username' field contains 'phone-iaxrpt'. The 'Password' field is masked with seven dots. The 'CallerID' and 'Caller Number' fields are empty. The 'Node' field contains '1998'. At the bottom, there are two buttons: 'Save' on the left and 'Cancel' on the right.

Field	Value
Protocol	IAX2
Hostname	myipadress.url.com
Port	4569
Username	phone-iaxrpt
Password
CallerID	
Caller Number	
Node	1998