

Upper Registration Issue ...



[oliverkazaam41](#) 84 posts since

Jan 31, 2009

Hi,

I am just wondering if this is possible. I have this scenario. OpenSBC is acting as registrar for asterisk. I have phones in which you can modify the domain parameter. I need asterisk to be in the call flow. So I did an experiment. I entered b.b.b.b in the domain parameter. The phone was able to register to sbc with the following AOR.

OpenSBC - a.a.a.a

Asterisk - b.b.b.b

AOR

sip:phone1@b.b.b.b

For phones that I can't modify the domain it registers to SBC with this AOR.

sip:phone2@a.a.a.a

Is there a way for me to use SBC and rewrite the AOR of all phones to the IP of asterisk?

here is my Upper Registration Settings

All-Reg-As-Upper-Reg = True

Enable-Stateful-Reg = False

Rewrite-TO-Domain = False

Rewrite-FROM-Domain = False

Route-List = [sip:82*] sip:b.b.b.b.*

Thanks for the help.

Oliver



[Imhart](#) 5 posts since

Jul 14, 2009 **1. Re: Upper Registration Issue** Jul 15, 2009 3:21 AM

Hi Oliver,

Have you tried setting these two values to True?

Rewrite-TO-Domain = True

Rewrite-FROM-Domain = True



[oliverkazaam41](#) 84 posts since

Jan 31, 2009 **2. Re: Upper Registration Issue** Jul 15, 2009 4:41 AM

in response to: [Imhart](#)

Hi Imhart,

Upper Registration Issue ...

Yes I already tried what you suggested. But It won't work.. Anymore idea? :(I would like asterisk to be in the call flow so that I can take advantage of asterisk's PABX features.

Thanks,

Oliver



[joegen](#) 539 posts since

Apr 28, 2007 3. **Re: Upper Registration Issue** Jul 15, 2009 9:22 PM

👤 in response to: [oliverkazaam41](#) Try setting asterisk as your outbound proxy. There is a section in the admin that allows you to add ob-proxies in the same fashion as b2bua routes.



[oliverkazaam41](#) 84 posts since

Jan 31, 2009 4. **Re: Upper Registration Issue** Jul 16, 2009 6:31 AM

👤 in response to: [joegen](#)

hi joegen,

Sorry for asking this again. But I did not get any reply before. just want to ask if its possible to hijack the AOR in OSBC?

Oliver



[joegen](#) 539 posts since

Apr 28, 2007 5. **Re: Upper Registration Issue** Jul 16, 2009 7:23 AM

👤 in response to: [oliverkazaam41](#) The question was very vague. I didn't know how to answer. Explain your scenario piece by piece. A sample message flow would be good.



[oliverkazaam41](#) 84 posts since

Jan 31, 2009 6. **Re: Upper Registration Issue** Jul 16, 2009 7:26 PM

👤 in response to: [joegen](#)

Hi Joegen,

Simply what I need to accomplish is to make asterisk part of the call path if calls are in between 2 phones registered to OSBC. I want to make of the PBX features of asterisk. I have a sip phone a dlink in the sip settings I can modify the sip domain parameter. If I enter the ip of asterisk in sip domain parameter this make asterisk part of the call flow if I call phones registered in OSBC. The AOR of the dlink phone shows.

a.a.a.a = IP of asterisk

b.b.b.b = IP of OSBC

Dlink Phone with sip domain/realm set to a.a.a.a

AOR

811111@a.a.a.a

For phones that I can't modify the sip domain / realm

AOR

Upper Registration Issue ...

811111@b.b.b.b

Is there a way for OSBC to hi jack all registration for phones that we can't modify the realm/domain.

I would like all phones registered in OSBC to have phone@a.a.a.a instead of phone@b.b.b.b AOR

I have tried checking the rewrite from and to domain in the upper registration but it won't work.

Thanks,

Oliver



[joegen](#) 539 posts since

Apr 28, 2007 7. **Re: Upper Registration Issue** Jul 16, 2009 7:49 PM

in response to: [oliverkazaam41](#)

Ok I now understand what you mean by AOR hijack. This is exactly the part where i do not get your point. There are 2 ways to make asterisk to be always part of the call path

1. Upper-Reg
2. Set it as outbound proxy for osbc

Please explain further why you can't use any of these two choices.



[oliverkazaam41](#) 84 posts since

Jan 31, 2009 8. **Re: Upper Registration Issue** Jul 16, 2009 8:49 PM

in response to: [joegen](#) Thanks Joegen.

Upper Reg works but if calls are in between phones registered in OSBC I loose the PABX features of asterisk such as voicemail. I also noticed that if these calls takes place asterisk is not part of the call flow. But if I call a phone registered directly to asterisk from a phone registered in OSBC asterisk is part of the call flow so I get to use asterisk's PABX features. I also did try setting the outbound proxy in OSBC and pointed it asterisk, the problem now is that if I use phones registered in OSBC to call phones registered in OSBC the call won't go through. My outbound proxy setting is --c-main-- sip: ipofasterisk:5060. My only chance to do this if I could do a failover to my asterisk box if the person called doesn't answer or to have asterisk part of the call flow for calls originating and destined to OSBC registered phones. I have a rather complicated setup because not all the phones in my office are registered directly to OSBC. Only phones outside our office are registered to OSBC. I used this setup to avoid NAT problems which OSBC has been doing very well.

My UpperRegistration settings is

[sip:] **sip:a.a.a.a;**domain=a.a.a.a

a.a.a.a = IP of asterisk

AllReg = UpperReg

Rewrite-TO-Domain = False

Rewrite-FROM-Domain = False

B2Broutes

Upper Registration Issue ...

Route list = [sip:] **sip:a.a.a.a:**

Oliver