Subject: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by jdonalds on Wed, 22 Mar 2006 17:12:12 GMT
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I am trying to slog my way through getting Asterisk installed inside a VPS, anyone got this working???

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by dev on Thu, 23 Mar 2006 16:12:29 GMT
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maybe I'm wrong, but AFAIR someone already installed it or asked something about it. Try to dig forum. If not, we will be glad to help with it if you encounter any problems.

Is Asterisk something for VoIP?

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by jdonalds on Thu, 23 Mar 2006 16:16:17 GMT
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Yes. Asterisk is a SIP based softpbx for VoIP. I just got it running last night in a VPS. I will post a howto later this week...

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by wyndryder on Sat, 15 Jul 2006 04:59:41 GMT
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Hello, did you ever get that how-to up?

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by dev on Sat, 15 Jul 2006 11:12:12 GMT
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If jdonalds don't reply feel free to ask for help. We can write a HOWTO togerther then

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by curx on Sat, 15 Jul 2006 15:54:15 GMT
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Hi,

e.g. asterisk in vps with debian stable aka. "sarge"

$ apt-get install asterisk

$ nano /etc/defaults/asterisk

change:

RUNASTERISK=no -> yes
AST_REALTIME=yes -> no (for realtime, you need

$ /etc/init.d/asterisk start

modify the config files for asterisk, and done!

if you need capi or/and zaptel/zaphfc:

* for capi: you need the /dev files on you hw-node and vps:

```
crw-rw----  1 root dialout 68,  0 Jan  3  2006 /dev/capi20
crw-rw----  1 root dialout 68,  1 Jan  3  2006 /dev/capi20.00
crw-rw----  1 root dialout 68,  2 Jan  3  2006 /dev/capi20.01
crw-rw----  1 root dialout 68,  3 Jan  3  2006 /dev/capi20.02
[...]
/* if the files doesn' exist use mknod for creating it*/
```

and in your vps config add for directly access:
DEVICES="c:68:0:rw, c:68:1:rw, c:68:2:rw"

* for zaptel/zaphfc:

```
crw-rw----   1 root dialout 196,   0 Jan  4  2006 ctl
crw-rw----   1 root dialout 196,   1 Jan  4  2006 1
crw-rw----   1 root dialout 196,   2 Jan  4  2006 2
crw-rw----   1 root dialout 196,   3 Jan  4  2006 3
crw-rw----   1 root dialout 196,   4 Jan  4  2006 4
[...]
crw-rw----   1 root dialout 196, 253 Jan  4  2006 timer
crw-rw----   1 root dialout 196, 255 Jan  4  2006 pseudo
crw-rw----   1 root dialout 196, 254 Jan  4  2006 channel
```

/* if the files doesn' exist use mknod for creating it*/

and in your vps config
DEVICES="c:196:0:rw, c:196:2:rw, c:196:1:rw, c:196:253:rw,c:196:254:rw,c:196:255:rw"

if need both (capi and zaphfc)
DEVICES="c:68:0:rw, c:68:1:rw, c:68:2:rw c:196:0:rw, c:196:2:rw, c:196:1:rw,
c:196:253:rw,c:196:254:rw,c:196:255:rw"

Regards,
Thorsten

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by dim on Mon, 17 Jul 2006 08:09:51 GMT
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Added to wiki:
http://wiki.openvz.org/Asterisk_in_VE_with_debian_stable

Feel free to edit.

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by rollinw on Tue, 18 Jul 2006 17:08:51 GMT
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Hi Thorsten,

Perhaps you have a newer version of asterisk. In my version, if one wants to use a telephone line input (zapata/zaptel), then it is necessary to create /dev/zap directories, in which case, these would also need to be managed by the VE and given access through DEVICES. If the PBX is doing only VoIP (SIP, etc.) then this may not be necessary.

Based on other posts, I would think that a VE-based Asterisk system would have a problem handling audio devices. Do you have any experience in this area?

Regards,
rollinw

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by curx on Sat, 29 Jul 2006 12:54:36 GMT
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Hi,

sorry for this delayed reply,

@rollinw:

What kind of problems do you mean ?
Connect to audio hw device through alsa or oss ?

Regards,
Thorsten

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by rollinw on Mon, 31 Jul 2006 22:56:56 GMT
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Thorsten

If the audio card/chip is passed to the VE to manage exclusively, this arrangement will work OK, I guess. Audio hardware is not the kind of resource that can be successfully shared among multiple VEs, since it performs realtime processing.

rollinw

Subject: Re: Req: Anyone have a how-to or checklist for Asterisk inside VPS?
Posted by johan_hammy on Thu, 21 Dec 2006 22:10:27 GMT
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For a pure VoIP implementation, this wouldn't be a concern. I am unsure how this would affect a zaptel implementation. Anything else is fairly obscure and is hard to say if it'll even come up.
