

<https://www.networklab.fr/installation-dasterisk/>

```
apt-get install gcc make pkg-config build-essential wget libssl-dev libncurses5-dev  
libnewt-dev libxml2-dev linux-headers-$(uname -r) uuid-dev libsqlite3-dev libjansson-  
dev
```

```
wget https://downloads.asterisk.org/pub/telephony/asterisk/asterisk-22.0.0-rc2.tar.gz
```

```
tar -xvzf asterisk-22.0.0-rc2.tar.gz
```

```
rm asterisk-22.0.0-rc2.tar.gz
```

```
cd /usr/src/asterisk/asterisk22.0.0-rc2
```

```
apt install libedit-dev
```

```
./configure
```

```
groupadd asterisk
```

```
useradd -r -d /var/lib/asterisk -g asterisk asterisk
```

asterisk.conf :

```
[directories]  
astcachedir => /var/cache/asterisk  
astetcdir => /etc/asterisk  
astmoddir => /usr/lib/asterisk/modules  
astvarlibdir => /var/lib/asterisk  
astdbdir => /var/lib/asterisk  
astkeydir => /var/lib/asterisk  
astdatadir => /var/lib/asterisk  
astagidir => /var/lib/asterisk/agi-bin  
astspooldir => /var/spool/asterisk  
astrundir => /var/run/asterisk  
astlogdir => /var/log/asterisk  
astsbindir => /usr/sbin  
  
[options]  
runuser = asterisk ; The user to run as.  
rungroup = asterisk ; The group to run as.  
documentation_language = fr_FR ; Set the language you want documentation  
languageprefix=yes  
  
[files]  
astctlpath = /var/run/asterisk/asterisk.ctl
```

`chown -R asterisk:asterisk /etc/asterisk`

`chmod -R 755 /etc/asterisk`

hosts :

```
127.0.0.1      srv-bousquet.sio.local
127.0.1.1      debian12

# The following lines are desirable for IPv6 capable hosts
::1           localhost ip6-localhost ip6-loopback
ff02::1       ip6-allnodes
ff02::2       ip6-allrouters
```

sip.conf :

```
[general]
language=fr
```

modules.conf :

```
[modules]
autoload=yes

; Modules SIP et PJSIP (si utilisés)
noload => chan_sip.so
noload => res_phoneprov.so
noload => res_http_websocket.so

; Modules RTP
load => res_rtp_asterisk.so

; Si des modules spécifiques posent problème, tu peux les désactiver ici :
; noload => res_http_websocket.so
```

logger.conf :

```
[general]
dateformat = %F %T

[logfiles]
console => notice,warning,error
messages => notice,warning,error,debug
```

cel_custon.conf :

```
[general]
; Configuration générale pour CEL

; Définir des mappages ici
; Exemples de mappages
mapping1 => value1
mapping2 => value2
```

extensions.ael :

```
// Début de la configuration des extensions
context default {
    _X. => {
        // Lecture d'un fichier son indiquant que l'extension est appelée
        Answer();
        Playback(demo-congrats);
        Hangup();
    }

    1000 => {
        // Extension pour un appel interne vers l'utilisateur 1000
        Dial(SIP/1000,20);
        Voicemail(1000,u);
        Hangup();
    }

    1001 => {
        // Extension pour un appel interne vers l'utilisateur 1001
        Dial(SIP/1001,20);
        Voicemail(1001,u);
        Hangup();
    }

    2000 => {
        // Extension de groupe d'appel
        Dial(SIP/1000&SIP/1001,20);
        Hangup();
    }
}

// Contexte pour les appels entrants
context incoming {
    _X. => {
        Answer();
        Dial(SIP/1000,20); // Appel vers l'extension 1000
        Voicemail(1000,u); // Messagerie vocale si l'utilisateur ne répond pas
        Hangup();
    }
}

// Contexte pour les appels sortants
context outgoing {
    _X. => {
        Dial(DAHDI/g1/${EXTEN});
        Hangup();
    }
}
```

asterisk -r :

```
root@srv-bousquet:~# asterisk -r
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License version 2 and other licenses; you are welcome to redistribute it under
certain conditions. Type 'core show license' for details.
=====
Running as user 'asterisk'
Running under group 'asterisk'
Connected to Asterisk 22.0.0-rc2 currently running on srv-bousquet (pid = 517)
srv-bousquet*CLI>
```