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- Debian 7.1
- Asterisk 11.16 (NOTE: ?????????????????? asterisk)

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```
apt-get install build-essential linux-headers-`uname -r` mysql-server mysql-client bison flex php5
php5-curl php5-cli php5-mysql php-pear php-db php5-gd curl sox libncurses5-dev libssl-dev
libmysqlclient-dev mpg123 libxml2-dev libnewt-dev sqlite3 libsqlite3-dev pkg-config automake libtool
autoconf git subversion unixodbc-dev uuid uuid-dev libasound2-dev libogg-dev libvorbis-dev
libcurl4-openssl-dev libical-dev libneon27-dev libsrtp0-dev libspandsp-dev libiksemel-dev libiksemel-utils
libiksemel3
```

NOTE:

???????? MySQL ??????

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```
apt-get install libmyodbc unixodbc
```

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?? PearDB

```
pear uninstall db
pear install db-1.7.14
```

?? FreePBX 12

```
cd /usr/src
wget http://mirror.freepbx.org/freepbx-12.0.21.tgz
tar xzf freepbx-12.0.21.tgz
cd freepbx/
```

?? Apache ??

```
sed -i 's/^(upload_max_filesize = \).*\120M/' /etc/php5/apache2/php.ini
cp /etc/apache2/apache2.conf /etc/apache2/apache2.conf_orig
sed -i 's/^(User|Group)\.*\1 asterisk/' /etc/apache2/apache2.conf
sed -i 's/\/var\/www\/\var\/www\/html/' /etc/apache2/sites-available/default
service apache2 restart
```

?? MySQL

```
mysqladmin -u root -p create asterisk
mysqladmin -u root -p create asteriskcdrdb
```

```
mysql -u root -p -e "GRANT ALL PRIVILEGES ON asterisk.* TO asteriskuser@localhost IDENTIFIED BY 'ThisIsPass';"
mysql -u root -p -e "GRANT ALL PRIVILEGES ON asteriskcdrdb.* TO asteriskuser@localhost IDENTIFIED BY 'ThisIsPass';"
mysql -u root -p -e "flush privileges;"
```

?? FreePBX

```
service asterisk stop
./start_asterisk start
./install_amp --installdb --username=asteriskuser --password=${ASTERISK_DB_PW}
```

```
Checking if Asterisk is running..running with PID: 4228..OK
Checking for /etc/amportal.conf../etc/amportal.conf does not exist, copying default
Creating new /etc/amportal.conf
```

Enter your USERNAME to connect to the 'asterisk' database:

[asteriskuser]

Enter your PASSWORD to connect to the 'asterisk' database:

[amp321]

Enter the hostname of the 'asterisk' database:

[localhost]

Enter a USERNAME to connect to the Asterisk Manager interface:

[admin] <?? AMI ???? Enter>

Enter a PASSWORD to connect to the Asterisk Manager interface:

[amp111] <?? AMI ???? Enter>

Enter the path to use for your AMP web root:

[/var/www/html] <? Enter>

Created /var/www/html

Enter the IP ADDRESS or hostname used to access the AMP web-admin:

[192.168.1.1] 192.168.31.170 <???? IP>

Use simple Extensions [extensions] admin or separate Devices and Users [deviceanduser]?

[extensions]

Enter directory in which to store AMP executable scripts:

[/var/lib/asterisk/bin]

...

<? Enter>

Installing new FreePBX files../etc/asterisk/queues.conf has been changed from the original version.

Overwrite (y=yes/a=all/n=no/d=diff/s=shell/x=exit)?y

...

<?? y >

????

amportal chown

amportal a ma installall

amportal a reload

amportal a ma refreshsignatures

amportal chown

TIPS:

???????????????? mirror2.freepbx.org?

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```
mv /var/lib/asterisk/mohmp3 /var/lib/asterisk/mohmp3_old
ln -s /var/lib/asterisk/moh /var/lib/asterisk/mohmp3
```

??????

amportal restart

?? FreePBX

http://192.168.31.170/admin/????????????????????

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- <http://wiki.freepbx.org/display/HTGS...rver+14.04+LTS>
- <http://www.edmondweblog.com/index.ph...bian-7-wheezy/>
- <http://community.freepbx.org/t/debia...warnings/26845>