

? Asterisk 1.8 ???

1. res_config_mysql.so, res_realtime.so
2. res_config_mysql.conf
3. extconfig.conf
4. Table sip_buddies

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// ?? asterisk ??????????res_config_mysql.so, res_realtime.so?

```
$ asterisk -rx "module show like res"
```

Module	Description	Use Count
...		
res_config_mysql.so	MySQL RealTime Configuration Driver	0
res_realtime.so	Realtime Data Lookup/Rewrite	0

?? res_config_mysql.conf

[ast18]

```
dbhost = 127.0.0.1
dbname = asterisk
dbuser = astuser
dbpass = mypass
dbport = 3306
dbsock = /var/run/mysqld/mysql.sock ;for ubuntu
requirements=warn ; or createclose or createchar
```

?? extconfig.conf

[settings]

```
;This is used for Asterisk realtime mode
sipusers => mysql,ast18,sip_buddies
sippeers => mysql,ast18,sip_buddies
```

Table sip_buddies

```
#
# Table structure for table `sip_buddies`
#
```

```
CREATE TABLE `sip_buddies` (
  `id` int(11) NOT NULL auto_increment,
  `name` varchar(80) NOT NULL default '',
  `host` varchar(31) NOT NULL default '',
  `nat` varchar(5) NOT NULL default 'no',
  `type` enum('user','peer','friend') NOT NULL default 'friend',
  `accountcode` varchar(20) default NULL,
  `amaflags` varchar(13) default NULL,
  `call-limit` smallint(5) unsigned default NULL,
```

```

`callgroup` varchar(10) default NULL,
`callerid` varchar(80) default NULL,
`cancallforward` char(3) default 'yes',
`canreinvite` char(3) default 'yes',
`context` varchar(80) default NULL,
`defaulttip` varchar(15) default NULL,
`dtmfmode` varchar(7) default NULL,
`fromuser` varchar(80) default NULL,
`fromdomain` varchar(80) default NULL,
`insecure` varchar(4) default NULL,
`language` char(2) default NULL,
`mailbox` varchar(50) default NULL,
`md5secret` varchar(80) default NULL,
`deny` varchar(95) default NULL,
`permit` varchar(95) default NULL,
`mask` varchar(95) default NULL,
`musiconhold` varchar(100) default NULL,
`pickupgroup` varchar(10) default NULL,
`qualify` char(3) default NULL,
`regexten` varchar(80) default NULL,
`restrictcid` char(3) default NULL,
`rtptimeout` char(3) default NULL,
`rtpholdtimeout` char(3) default NULL,
`secret` varchar(80) default NULL,
`setvar` varchar(100) default NULL,
`disallow` varchar(100) default 'all',
`allow` varchar(100) default 'g729;ilbc;gsm;ulaw;alaw',
`fullcontact` varchar(80) NOT NULL default '',
`ipaddr` varchar(15) NOT NULL default '',
`port` smallint(5) unsigned NOT NULL default '0',
`regserver` varchar(100) default NULL,
`regseconds` int(11) NOT NULL default '0',
`lastms` int(11) NOT NULL default '0',
`username` varchar(80) NOT NULL default '',
`defaultuser` varchar(80) NOT NULL default '',
`subscribecontext` varchar(80) default NULL,
`useragent` varchar(20) default NULL,
PRIMARY KEY (`id`),
UNIQUE KEY `name` (`name`)
) ENGINE=MyISAM ROW_FORMAT=DYNAMIC;

```

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- ?? **rtcachefriends=yes** ? sip.conf???????? sip show [users|peers] ??????????????????????