

About VoipNow Services

This page describes the VoipNow services available on your server.

- Kamilio
- Asterisk
- Hubring
- Ejabberd
- RabbitMQ
- Postfix
- VoipNow

Kamailio

The main purpose of this service is to receive and send calls from your server. If this service does not work, no calls will be possible on your server.

Kamailio log messages are stored in the `/var/log/kamailio/kamailio.log` file.

The default log level is set to 1, but in case you need to debug a problem, you can increase the log level using the following command:

```
kamctl fifo debug 9
```

Once the problem is solved, you need to lower the debug level. Otherwise, the log file will become bigger and bigger. To lower the log level, you must run:

```
kamctl fifo debug 1
```

If, for some reasons, you have to restart Kamailio, use the following command:

```
/etc/init.d/kamailio restart
```

During restart, active calls will not be dropped, but you will not be able to receive or make new calls until the service is up again.

Asterisk

Asterisk turns your computer into a powerful communication server.

Based on the actual configuration, Asterisk routes calls between extensions, from your providers to your extensions or from extensions towards your providers.

Asterisk log files are located in `/var/log/asterisk` folder.

By default, Asterisk can send logs in two locations, in the messages log file and in its console.

To access the console, use the following command:

asterisk -rcvvvvvvvv

The more v's you add in the command line, the more verbose the Asterisk console becomes.

If you want to see more detailed information, you can enable SIP debug and increase the verbose and the debug level. You can do that either from within the Asterisk console or from outside.

```
asterisk -rx 'sip set debug on'
asterisk -rx 'core set debug 1111'
asterisk -ex 'core set verbose 1111'
```

Here are the commands if you run them from within the Asterisk console:

```
sip set debug on
core set debug 1111
core set verbose 1111
```

To redirect the output of the Asterisk console to a file, use the following command:

```
asterisk -rcvvvvvvvvvvvvvvvvvvvvvvvvvv > asterisk.log
```

If the log level is higher in the Asterisk console, you have no reason to worry about the log files. Messages from the Asterisk console are not logged to any file. If you need to restart Asterisk, use this command:

```
/etc/init.d/asterisk restart
```

When Asterisk is restarted, all calls are dropped until the service is up again.

Hubring

Hubring is the cache system on your Voipnow server. For quick access, a lot of information is stored in the cache.

For debugging purposes, all messages from Hubring are stored in `/var/log/hubring/hubring.log`.

To restart Hubring, use the following command:

```
/etc/init.d/hubring restart
```

Ejabberd

Ejabberd is an XMPP application server used for internet messaging. You can use a jabber client to create IM communication between your extensions. IM services can be restarted using this command:

```
/etc/init.d/ejabberd restart
```

RabbitMQ

RabbitMQ is the message broker service from your server. If this service is not initiated, you will most probably see an error message on the Call Flows page. You can restart the service using this command:

```
/etc/init.d/rabbitmq restart
```

Postfix

The e-mail server from your VoipNow box. This service sends and receives e-mail messages on your server. All notifications are sent by Postfix. In some cases, you should make some small changes in [its configuration](#). For instance, when you want to use the Email 2 fax feature.

If you need to restart Postfix, you can use the command below.

```
/etc/init.d/postfix restart
```

VoipNow

VoipNow is the web service of your box. To access the web interface, you need to make sure that Voipnow is started. In fact, when VoipNow services is started, two other services will be started: `httpsa` and `php-fpm`. The log files are kept in two locations, depending on what you are searching for:

- `/usr/local/httpsa/log/voipnow` - this is where the access log and error log of the web service are
- `/usr/local/voipnow/admin/log/` - this is where the log file for the error generated by the web interface are

In case you need to restart the web services, you can use the command below:

```
/etc/init.d/voipnow restart
```