Installation (Debian 11)

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Agenda

- **MariaDB Installation**
- **MariaDB Configuration**
- **Sensor Installation**
- **GUI Installation**
- **Finalizing Steps**

MariaDB Installation

```
apt-get update
apt-get -y install mariadb-server mariadb-client

mysql
```

MariaDB> ALTER USER root@localhost IDENTIFIED VIA mysql_native_password;

MariaDB> SET PASSWORD = PASSWORD(""); MariaDB> FLUSH PRIVILEGES;

MariaDB Configuration

vim /etc/mysql/mariadb.conf.d/50-server.cnf

edit [mysqld] section and add options

innodb_flush_log_at_trx_commit = 2
innodb_file_format = barracuda
innodb_buffer_pool_size = 8GB

starting from mariadb 10.6 is necesasry to disable read-only for compressed tables

innodb_read_only_compressed=OFF

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MariaDB Configuration

Restart mariadb service

Service mariadb restart

create database needed for voipmonitor

mysqladmin create voipmonitor

Sensor Installation

Check network interface name by "ip addr" command

apt-get install rrdtool

mkdir /usr/src/voipmonitor

cd /usr/src/voipmonitor

wget --content-disposition http://www.voipmonitor.org/current-stable-sniffer-static-64bit.tar.gz -O x.tar.gz tar xzf x.tar.gz

cd voipmonitor-*

./install-script.sh

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GUI Installation

Installing IOncube - php loader / decryptor

wget --no-continue http://voipmonitor.org/ioncube/x86_64/ioncube_loader_lin_7.4.so -O /usr/lib/php/20190902/ioncube_loader_lin_7.4.so
echo "zend_extension = /usr/lib/php/20190902/ioncube_loader_lin_7.4.so" > /etc/php/7.4/mods-available/ioncube.ini
ln -s /etc/php/7.4/mods-available/ioncube.ini /etc/php/7.4/apache2/conf.d/01-ioncube.ini
ln -s /etc/php/7.4/mods-available/ioncube.ini /etc/php/7.4/cli/conf.d/01-ioncube.ini

GUI Installation

Installing package for voipmonitor GUI

cd /var/www/html rm -f index.html
wget "http://www.voipmonitor.org/download-gui?version=latest&major=5&phpver=74&festry" -O
w.tar.gz
tar xzf w.tar.gz
mv voipmonitor-gui*/* ./

Finalizing Steps

For working alerts / reports, system needs to run periodically script using scheduler

crontab –e

* * * * * root php /var/www/html/php/run.php

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Set privileges for apache

chown -R www-data /var/www/html
/etc/init.d/apache2 restart
chown www-data /var/spool/voipmonitor/

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Finalizing Steps

set service to be started at a boot time

systemctl enable voipmonitor

edit /etc/voipmonitor.conf (at least mysql options and maxpoolsize option)

/etc/init.d/voipmonitor start

Finalizing Steps

GUI installation steps and License Activation

http://youripaddrerss