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HOW TO INSTALL ZONEMINDER, v1.34.0. ON UBUNTU 19.10 (eoan), with mysql 8

⊙ January 23, 2020January 23, 2020   ▲ B.K.Jayasundera

Today, Mr. Isaac Connor has published the first successful Zoneminder-master-eoan package for Ubuntu 19.10. in his website . (https://launchpad.net/~iconnor/+archive/ubuntu/zoneminder-master)

To avoid errors when installing Zoneminder , MySQL-server is installed first.

Installation of MySQL-server

On the Ubuntu terminal

```
sudo su
```

```
apt install mysql-server
```

```
rm /etc/mysql/my.cnf
```

```
cp /etc/mysql/mysql.conf.d/mysqld.cnf /etc/mysql/my.cnf
```

```
sed -i "15i default_authentication_plugin= mysql_native_password" /etc/mysql/my.cnf
```

```
/etc/init.d/mysql start
```

```
CREATE USER 'admin'@'localhost' IDENTIFIED WITH mysql_native_password BY '';
```

```
GRANT ALL PRIVILEGES ON *.* TO 'admin'@'localhost' WITH GRANT OPTION;
```

```
FLUSH PRIVILEGES ;
```

```
quit
```

```
mysqladmin -uroot -p reload
```
(https://bkjaya.wordpress.com)

Installation of Zoneminder

To install Zoneminder Please refer Connor's web site (https://launchpad.net/~iconnor/+archive/ubuntu/zoneminder-master) Open the terminal and run following commands.

```
mysql
```

```
CREATE USER 'zmuser'@localhost IDENTIFIED WITH mysql_native_password BY 'zmpass';
```

```
GRANT ALL PRIVILEGES ON zm.* TO 'zmuser'@'localhost' WITH GRANT OPTION;
```

```
FLUSH PRIVILEGES ;
```

```
quit
```

```
mysqladmin -uroot -p reload
```

```
sudo add-apt-repository ppa:iconnor/zoneminder-master
sudo apt-get update
sudo apt install zoneminder
```


```
mysql -uroot -p < /usr/share/zoneminder/db/zm_create.sql
```

```
mysqladmin -uroot -p reload

chmod 740 /etc/zm/zm.conf

chown root:www-data /etc/zm/zm.conf

adduser www-data video

a2enmod cgi

a2enconf zoneminder

a2enmod rewrite

chown -R www-data:www-data /usr/share/zoneminder/

systemctl enable zoneminder

service zoneminder start

service apache2 reload
```

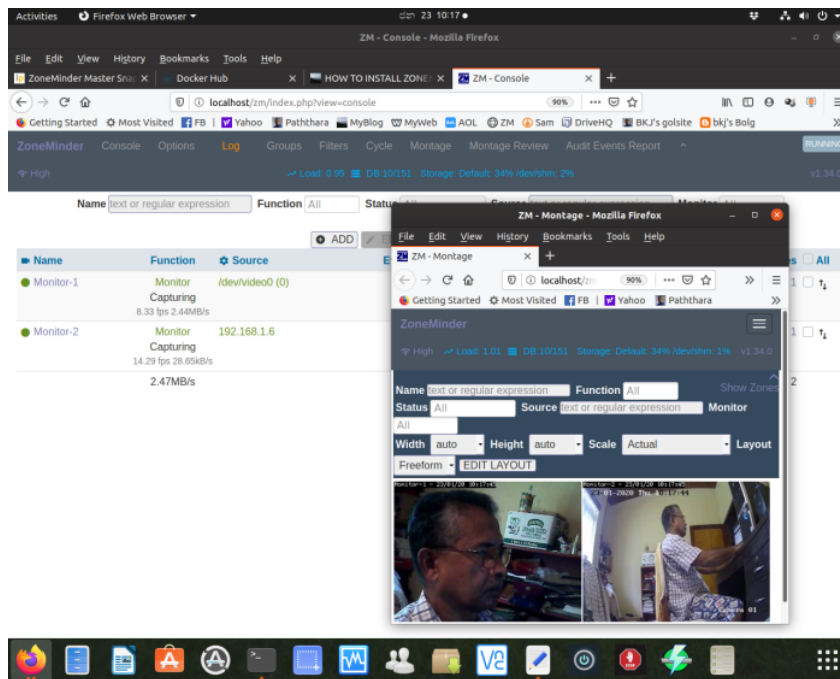Open zoneminder web console (http://localhost/zm/ (http://localhost/zm/))

Figure :- Montage of 2 cameras after adding USB Cam & IP Cam
You can see the USB camera and a Hikvision IP camera are working in the above figure
Note:- If you fail and get an error (ERROR 1396 (HY000)) ,when creating mysql user with "CREATE USER" , that means there is already a user. In that case please replace it with "ALTER USER" .