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# How to install Zoneminder , ( v1.33.16.) with Mysql 8 on Ubuntu 19.10

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Since the official Zoneminder eoan has Dependency wait on [lgw01-amd64-051](https://launchpad.net/builders/lgw01-amd64-051) (<https://launchpad.net/builders/lgw01-amd64-051>) , We will have to install Zoneminder disco on Ubuntu 19.10.

First of all we will have to install mysql-server-8 on Ubuntu 19.10 and enable mysql\_native\_password

Installation can be done using the synaptic package manager .

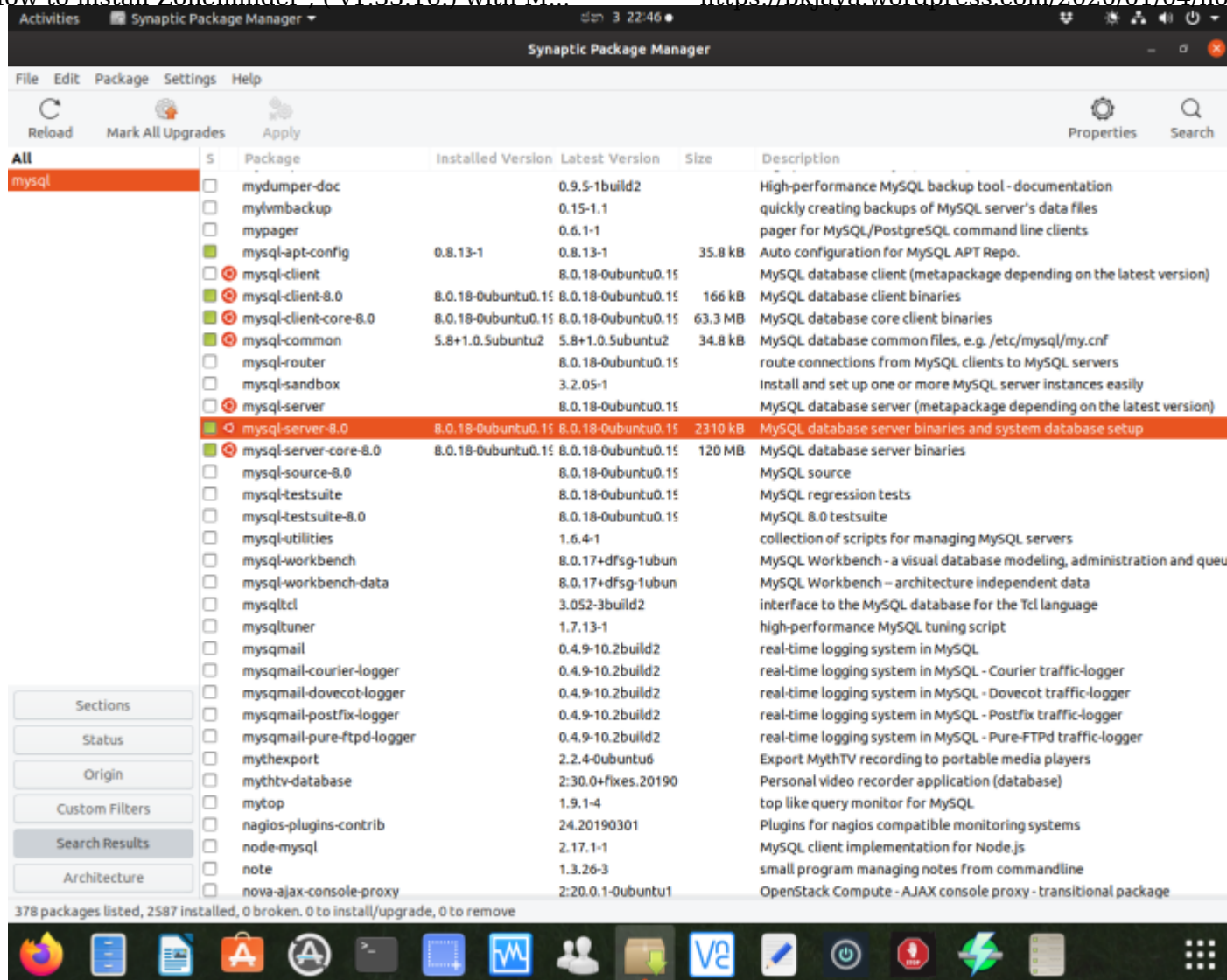


Figure:-1 Installed mysql-server-8 shown in synaptic package manager

Then open the Ubuntu terminal

```
sudo su
```

```
gedit /etc/mysql/my.cnf
```

Then enter the following line below [mysqld] on the opened my.cnf file and save the file

```
[mysqld]
```

```
default_authentication_plugin= mysql_native_password
```

```
12 # The following values assume you have at least 32M ram
13
14 [mysqld]
15 default_authentication_plugin= mysql_native_password
16 #
17 # * Basic Settings
```

Figure:-2 Amended /etc/mysql/my.cnf

Then on the Ubuntu terminal

```
systemctl restart mysql
```

Then enter the following commands on the terminal to set root password for mysql server

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

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

```
mysql FLUSH PRIVILEGES ;
```

```
systemctl restart mysql
```

### Then install Zoneminder

The Zoneminder disco deb file is downloaded from [https://launchpad.net/~iconnor/+archive/ubuntu/zoneminder-master/+build/18492553/+files/zoneminder\\_1.33.16~20191229135312-disco\\_amd64.deb](https://launchpad.net/~iconnor/+archive/ubuntu/zoneminder-master/+build/18492553/+files/zoneminder_1.33.16~20191229135312-disco_amd64.deb) ([https://launchpad.net/~iconnor/+archive/ubuntu/zoneminder-master/+build/18492553/+files/zoneminder\\_1.33.16~20191229135312-disco\\_amd64.deb](https://launchpad.net/~iconnor/+archive/ubuntu/zoneminder-master/+build/18492553/+files/zoneminder_1.33.16~20191229135312-disco_amd64.deb))

Before installing Zoneminder disco deb file to overcome dependency issues we will have to download [libmysqlclient20](https://www.ubuntuupdates.org/package/core/disco/main/updates/libmysqlclient20) (<https://www.ubuntuupdates.org/package/core/disco/main/updates/libmysqlclient20>) and install first .

Then install Zoneminder disco deb file that we have downloaded .

Creating user and zmpass

Open the Ubuntu terminal and enter following 5 commands

```
mysql
```

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

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

```
FLUSH PRIVILEGES ;
```

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

It was observed that there are missing \*.ini files in /etc/php/7.3/mods-available/ which will make problems in getting zoneminder Console.

How to install Zoneminder , ( v1.33.16.) with M... <https://bkjaya.wordpress.com/2020/01/04/how-t...>  
sudo cp /usr/share/php7.3-mysql/mysql/\*.ini /etc/php/7.3/mods-available/

sudo service apache2 reload

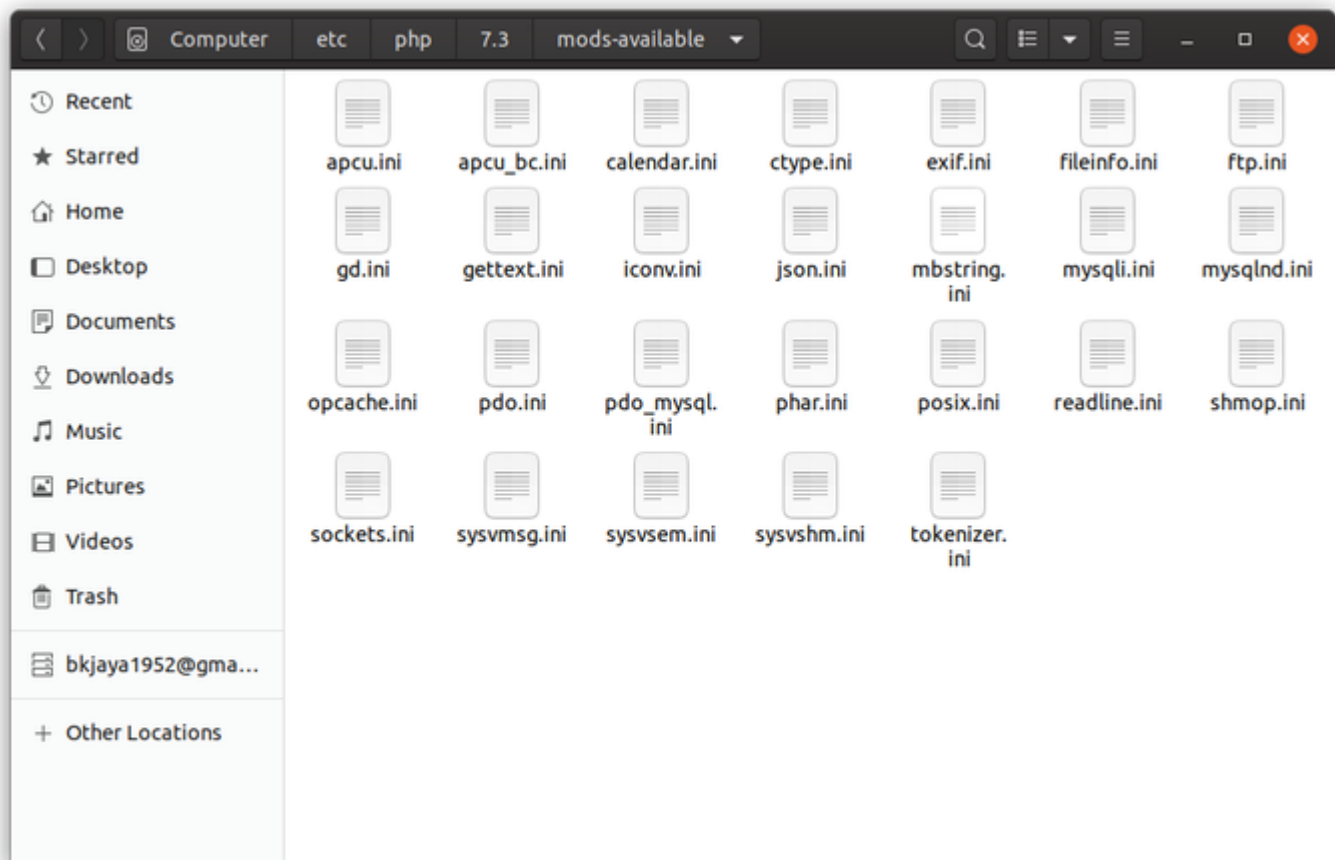


Figure:-3 After copying mysql\*.ini files from /usr/share/php7.3-mysql/mysql/

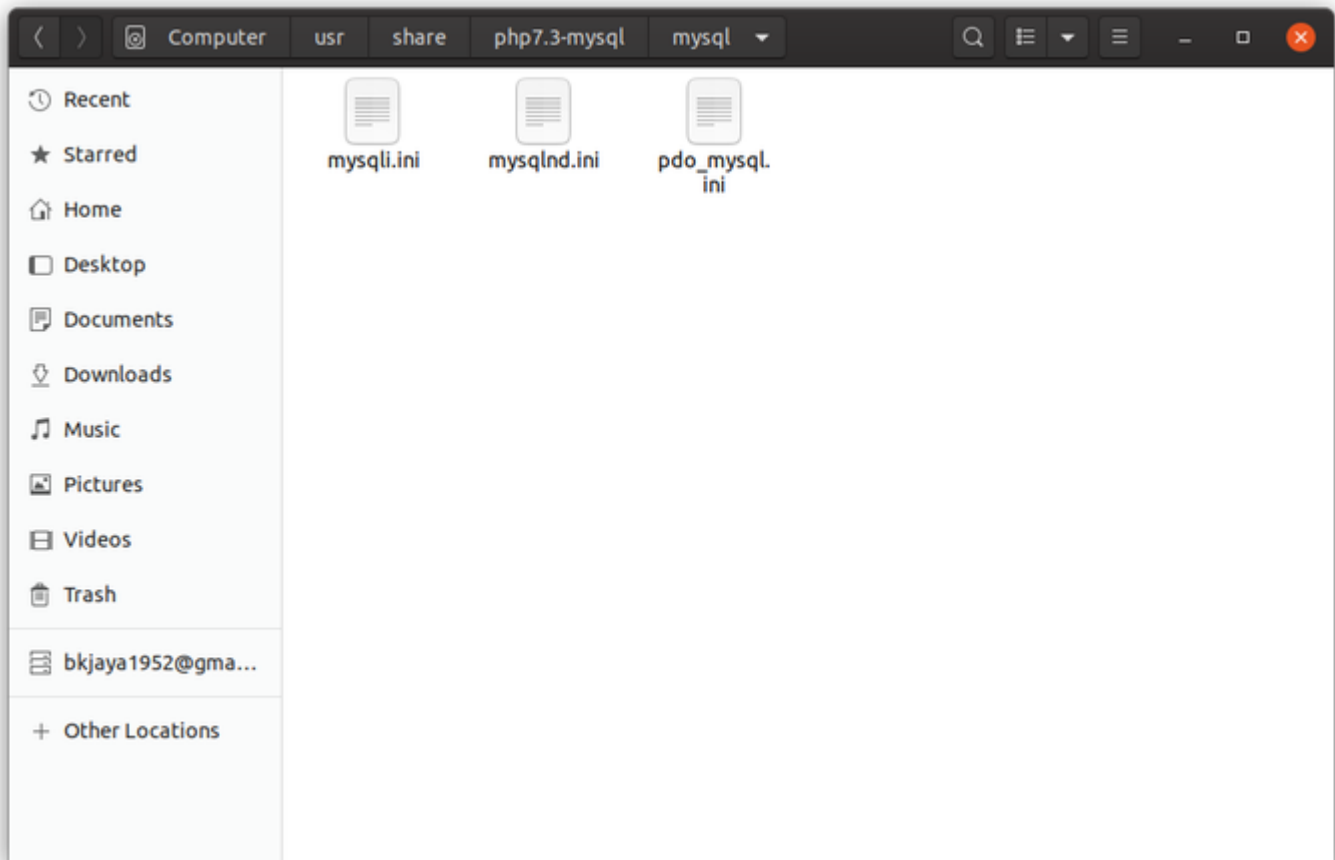


Figure:-4 mysql\*.ini files in /usr/share/php7.3-mysql/mysql/

```
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
```

Add timezone to PHP

```
gedit /etc/php/7.3/apache2/php.ini
```

edit line 956 with your timezone

Then

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

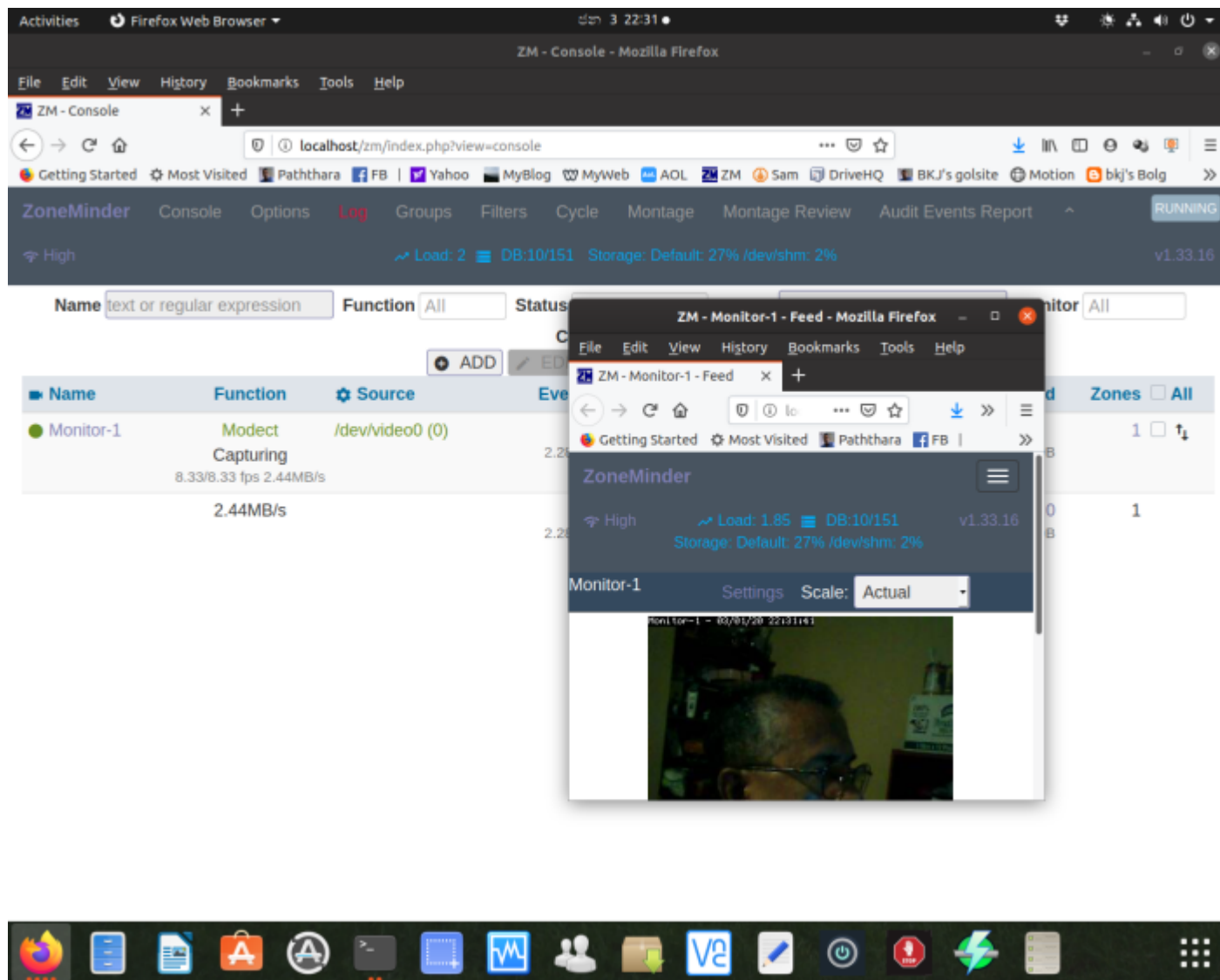


Figure:-5 Zoneminder Console , after adding an Usb camera

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