

Zoneminder

Настройка в Abills

Добавление нужных репозиториев с пакетами:

Добавление репозиториев

```
add-apt-repository ppa:iconnor/zoneminder
add-apt-repository ppa:iconnor/zoneminder-1.32
add-apt-repository ppa:iconnor/zoneminder-master

apt-get update
```

Протестировано на версии 1.33.1

В файле `/etc/mysql/mysql.conf.d/mysqld.cnf` добавить после строки "[mysqld]"

```
sql_mode = NO_ENGINE_SUBSTITUTION
```

Настраиваем Mysql

```
rm /etc/mysql/my.cnf
cp /etc/mysql/mysql.conf.d/mysqld.cnf /etc/mysql/my.cnf
systemctl restart mysql
```

Установка Zoneminder

```
apt-get install zoneminder
```

Добавление базы данных:

```
mysql -uroot -p < /usr/share/zoneminder/db/zm_create.sql
mysql -uroot -p -e "grant lock tables,alter,drop,select,insert,update,delete,create,index,alter routine,create routine, trigger,execute on zm.* to 'zmuser'@localhost identified by 'zmpass';"

mysqladmin -uroot -p reload
```

Настройка Apache:

```
chmod 740 /etc/zm/zm.conf
chown root:www-data /etc/zm/zm.conf
chown -R www-data:www-data /usr/share/zoneminder/
chown -R www-data:www-data /var/cache/zoneminder/
```

```
adduser www-data video
```

```
a2enmod cgi
a2enmod rewrite
a2enconf zoneminder
```

```
systemctl enable zoneminder
systemctl start zoneminder
```

В файле `/etc/php/7.0/apache2/php.ini` редактируем временную зону на системную

```
[Date]
date.timezone = "Europe/Kiev"
```

В файле `/etc/apache2/conf-enabled/zoneminder.conf` вставляем в конце:

```
<Directory "/usr/share/zoneminder/www/api">
    RewriteEngine on
    RewriteRule ^$ app/webroot/ [L]
    RewriteRule (.*) app/webroot/$1 [L]
    RewriteBase /zm/api
</Directory>

<Directory "/usr/share/zoneminder/www/api/app">
    RewriteEngine on
    RewriteRule ^$ webroot/ [L]
    RewriteRule (.*) webroot/$1 [L]
    RewriteBase /zm/api
</Directory>

<Directory "/usr/share/zoneminder/www/api/app/webroot">
    RewriteEngine On
    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^ index.php [L]
    RewriteBase /zm/api
</Directory>
```

Перезагружаем Apache

```
systemctl reload apache2
```

Скачиваем последний архив Cambozola с <http://www.andywilcock.com/code/cambozola/cambozola-latest.zip>

Копируем файл из архива который скачали выше

```
cp cambozola.jar /usr/share/zoneminder/www/
```

Открываем файл `/usr/share/zoneminder/www/api/app/Controller/UsersController.php`

```
vim /usr/share/zoneminder/www/api/app/Controller/UsersController.php
```

Заменяем функцию `beforeFilter()` на код ниже

```
public function beforeFilter() {
    parent::beforeFilter();

    global $user;

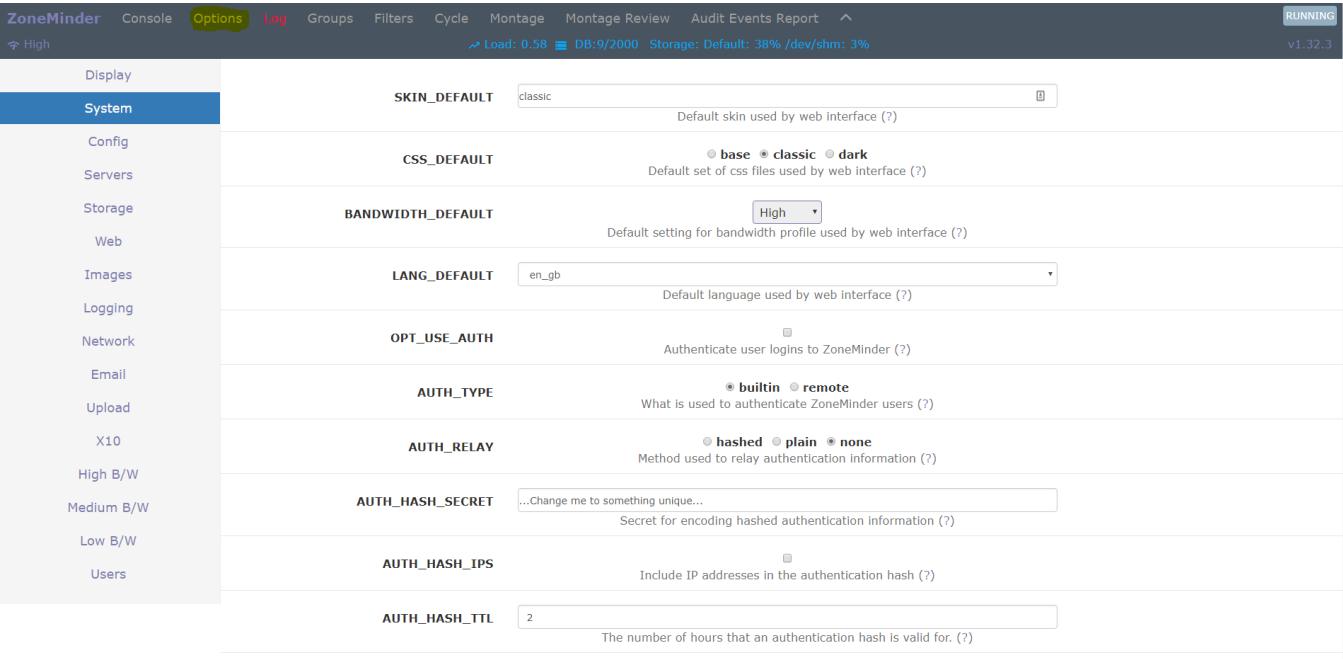
    $scanView = (!$user) || ($user['Control'] != 'None');
    if ( !$scanView ) {
        throw new UnauthorizedException(__('Insufficient Privileges'));
        return;
    }
}
```

Перезапускаем Zoneminder

```
systemctl reload zoneminder
```

Zoneminder настроен. Заходим на <https://SERVER/zm>, где SERVER это URL вашего web сервера.

Во вкладке Options(Config) редактируем следующие параметры и нажимаем сохранить:



Параметр	Действие
OPT_USE_AUTH	Отмечаем галочкой
AUTH_TYPE	Отметить builtin
AUTH_RELAY	Отметить hashed

AUTH_HASH_IPS	Убираем галочку
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Стандартные данные для входа:

Login: admin

Password: admin

Если вы меняете данные то измените конфиг

```
$conf{ZONEMINDER_ADMIN_LOGIN} = 'Your login';
$conf{ZONEMINDER_ADMIN_PASSWORD} = 'Your password';
```

Нажать кнопку с иконкой wi-fi и изменить на Low B/W || Medium B/W || High B/W

ZoneMinder

ConsoleOptionsLogGroupsFiltersCycleMontageMontage ReviewAudit Events Report

High

Load: 0.27DB: 9/2000Storage: Default: 38% /dev/shm: 3%

RUNNING

v1.32.3

Display

System

Config

Servers

Storage

Web

Images

Logging

Network

Email

Upload

X10

High B/W

Medium B/W

Low B/W

Users

WEB_I_REFRESH_MAIN

300

How often (in seconds) the main console window should refresh itself (?)

WEB_I_REFRESH_NAVBAR

35

How often (in seconds) the navigation header should refresh itself (?)

WEB_I_REFRESH_CYCLE

30

How often (in seconds) the cycle watch window swaps to the next monitor (?)

WEB_I_REFRESH_IMAGE

15

How often (in seconds) the watched image is refreshed (if not streaming) (?)

WEB_I_REFRESH_STATUS

10

How often (in seconds) the status refreshes itself in the watch window (?)

WEB_I_REFRESH_EVENTS

180

How often (in seconds) the event listing is refreshed in the watch window (?)

WEB_I_CAN_STREAM

autoyesno

Override the automatic detection of browser streaming capability (?)

WEB_I_STREAM_METHOD

mpegmjpeg

Which method should be used to send video streams to your browser. (?)

WEB_I_DEFAULT_SCALE

100

What the default scaling factor applied to 'live' or 'event' views is (%) (?)

В левом подменю Network изменяем HTTP_TIMEOUT на 10000.

ZoneMinder

ConsoleOptionsLogGroupsFiltersCycleMontageMontage ReviewAudit Events Report

High

Load: 0.51DB: 9/2000Storage: Default: 38% /dev/shm: 3%

RUNNING

v1.32.3

DisplaySystemConfigServersStorageWebImagesLoggingNetworkEmailUploadX10High B/WMedium B/WLow B/WUsers

HTTP_VERSION

* 1.1 @ 1.0

The version of HTTP that ZoneMinder will use to connect (?)

HTTP_UA

ZoneMinder

The user agent that ZoneMinder uses to identify itself (?)

HTTP_TIMEOUT

2500

How long ZoneMinder waits before giving up on images (milliseconds) (?)

MIN_STREAMING_PORT

Alternate port range to contact for streaming video. (?)

MIN_RTP_PORT

40200

Minimum port that ZoneMinder will listen for RTP traffic on (?)

MAX_RTP_PORT

40499

Maximum port that ZoneMinder will listen for RTP traffic on (?)

SAVE

В левом подменю Low B/W || Medium B/W || High B/W(зависит от выбора в кнопке с иконкой Wi-Fi) изменяем WEB_L_AJAX_TIMEOUT на 10000.

EmailUploadX10High B/WMedium B/WLow B/WUsers

How often (in seconds) the status refreshes itself in the watch window (?)

WEB_L_REFRESH_EVENTS

180

How often (in seconds) the event listing is refreshed in the watch window (?)

WEB_L_CAN_STREAM

* auto @ yes @ no

Override the automatic detection of browser streaming capability (?)

WEB_L_STREAM_METHOD

@ mpeg * jpeg

Which method should be used to send video streams to your browser. (?)

WEB_L_DEFAULT_SCALE

100

What the default scaling factor applied to 'live' or 'event' views is (%) (?)

WEB_L_DEFAULT_RATE

100

What the default replay rate factor applied to 'event' views is (%) (?)

WEB_L_VIDEO_BITRATE

25000

What the bitrate of the video encoded stream should be set to (?)

WEB_L_VIDEO_MAXFPS

5

What the maximum frame rate for streamed video should be (?)

WEB_L_SCALE_THUMBS

Scale thumbnails in events, bandwidth versus cpu in rescaling (?)

WEB_L_EVENTS_VIEW

* events @ timeline

What the default view of multiple events should be. (?)

WEB_L_SHOW_PROGRESS

Show the progress of replay in event view. (?)

WEB_L_AJAX_TIMEOUT

10000

How long to wait for Ajax request responses (ms) (?)