



Ezserver Qucik Guide

Premium Version

www.ezhometech.com

Updated :07/29/2017

Version : 1.0.002

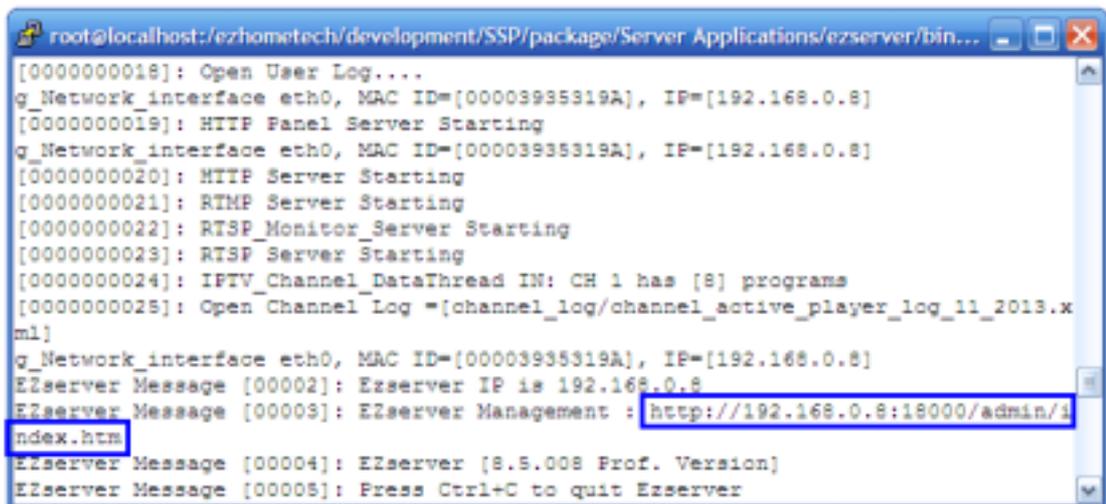
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1. Installation

- 1. Linux Installation :
 - `chmod 777 install.sh`
 - `./install.sh`
 - send `serial_number.txt` to sales@ezhometech.com for license activation.
 - Go to `ezserver_premium` to start or shutdown ezserver.
 - Start Ezserver
 - ◆ `./start.sh`
 - Shutdown Ezserver
 - `./shutdown.sh`

When Ezserver shows `http://server_ip:18000/admin/index.htm`, it means Ezserver starts successfully.



```
root@localhost:/ezhometech/development/SSP/package/Server Applications/ezserver/bin...
[0000000018]: Open User Log...
g_Network_interface eth0, MAC ID={00003935319A}, IP={192.168.0.8}
[0000000019]: HTTP Panel Server Starting
g_Network_interface eth0, MAC ID={00003935319A}, IP={192.168.0.8}
[0000000020]: HTTP Server Starting
[0000000021]: RTMP Server Starting
[0000000022]: RTSP_Monitor_Server Starting
[0000000023]: RTSP Server Starting
[0000000024]: IPTV_Channel_DataThread IN: CH 1 has [8] programs
[0000000025]: Open Channel Log =[channel_log/channel_active_player_log_11_2013.x
ml]
g_Network_interface eth0, MAC ID={00003935319A}, IP={192.168.0.8}
EZserver Message [00002]: Ezserver IP is 192.168.0.8
EZserver Message [00003]: EZserver Management : http://192.168.0.8:18000/admin/i
index.htm
EZserver Message [00004]: EZserver [8.8.008 Prof. Version]
EZserver Message [00005]: Press Ctrl+C to quit Ezserver
```

There are two ways to shutdown ezserver

- Press Ctrl + C keys
- Login Ezserver System Management

You can change the setting after Installation, you can run

- `./setup.sh`

to change the setting.

Setup example steps:

A. Please use Linux command **netstat** or **nmap** to find the unused port no.

B. Run `setup.sh` to setup Ezserver to create `serial_number.txt` for License Key.

`./setup.sh`

1. Please select network interface (current setting is eth0)

eth0

lo

-->**eth0**

2. Please type new panel port no. (18000): 18000

3. **Please type new http streaming port no. for players (8000): 8000**

4. **Do you want to setup auto_start mode?(y/n) y**

5. **Setup successfully...**

- **Send `serial_number.txt` to sales@ezhometech.com for license activation...**

2. Windows version :

ezserver_premium.zip contains a folder “**ezserver_ premium**” that includes ezserver image, system configuration.

- o unzip **ezserver_ premium.zip**
- o enter **ezserver_ premium** folder
- o double click **Ezserver12.exe**
- o send **serial_number.txt** to sales@ezhometech.com for license activation.
- o click **Action: Open Panel** to open Ezserver panel in a browser.



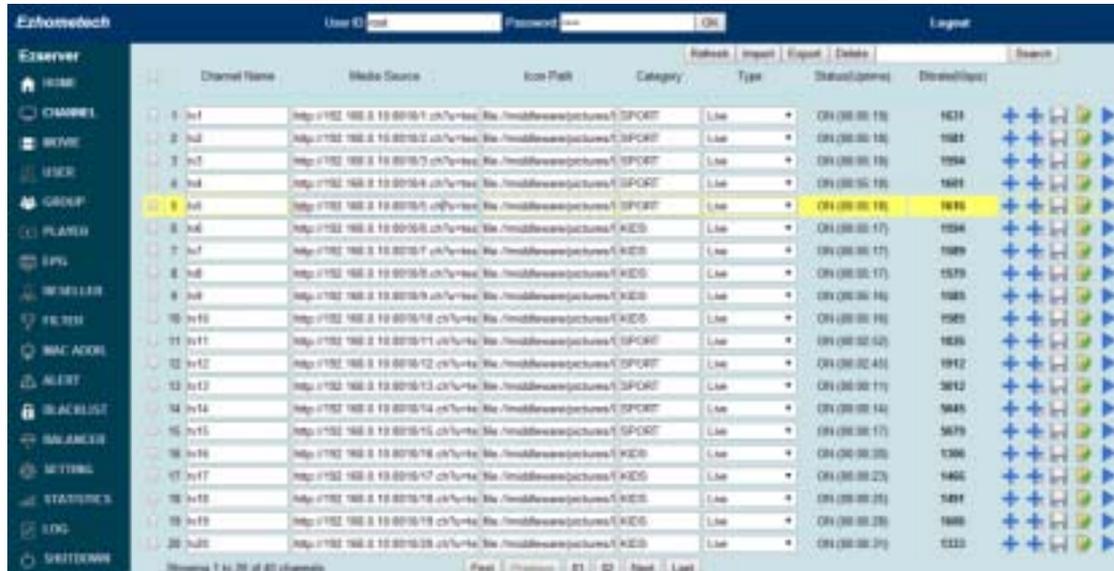
There are two ways to shutdown ezserver

- Select Action:Shutdown
- Login Ezserver System Management

2. IPTV Panel

IPTV Panel is based on Ezserver API to provide managements for administrators, It supports Internet browser such as *Internet Explore, Chrome, Firefox* or *Safari* to login by the below URL path.

http://Server_IP:18000/admin/index.htm



The screenshot displays the Ezhometech IPTV Panel interface. It features a dark blue sidebar on the left with navigation icons for Home, Channel, Movie, User, Group, Player, EPG, Reseller, Alert, Blacklist, Balancer, Setting, Statistics, Log, and Shutdown. The main area shows a table of channels with columns for Channel Name, Media Source, Icon Path, Category, Type, Status (Open), and Download. The table contains 20 rows of channel data, with the 8th row highlighted in yellow. At the top, there are fields for User ID and Password, and a Login button. Below the table, there are pagination controls showing 'Showing 1 to 20 of 80 channels'.

Channel Name	Media Source	Icon Path	Category	Type	Status (Open)	Download
1 tv1	http://192.168.0.10:8010/1.ch/urba...	file:///media/www/pictures/1/SPOR...	Live	▶	ON (00:00:10)	1071
2 tv2	http://192.168.0.10:8010/2.ch/urba...	file:///media/www/pictures/2/SPOR...	Live	▶	ON (00:00:10)	1081
3 tv3	http://192.168.0.10:8010/3.ch/urba...	file:///media/www/pictures/3/SPOR...	Live	▶	ON (00:00:10)	1094
4 tv4	http://192.168.0.10:8010/4.ch/urba...	file:///media/www/pictures/4/SPOR...	Live	▶	ON (00:00:10)	1091
5 tv5	http://192.168.0.10:8010/5.ch/urba...	file:///media/www/pictures/5/SPOR...	Live	▶	ON (00:00:10)	1096
6 tv6	http://192.168.0.10:8010/6.ch/urba...	file:///media/www/pictures/6/SPOR...	Live	▶	ON (00:00:17)	1094
7 tv7	http://192.168.0.10:8010/7.ch/urba...	file:///media/www/pictures/7/KIDS	Live	▶	ON (00:00:17)	1089
8 tv8	http://192.168.0.10:8010/8.ch/urba...	file:///media/www/pictures/8/KIDS	Live	▶	ON (00:00:17)	1079
9 tv9	http://192.168.0.10:8010/9.ch/urba...	file:///media/www/pictures/9/KIDS	Live	▶	ON (00:00:16)	1085
10 tv10	http://192.168.0.10:8010/10.ch/urba...	file:///media/www/pictures/10/KIDS	Live	▶	ON (00:00:16)	1085
11 tv11	http://192.168.0.10:8010/11.ch/urba...	file:///media/www/pictures/11/SPOR...	Live	▶	ON (00:02:52)	1026
12 tv12	http://192.168.0.10:8010/12.ch/urba...	file:///media/www/pictures/12/SPOR...	Live	▶	ON (00:02:44)	1012
13 tv13	http://192.168.0.10:8010/13.ch/urba...	file:///media/www/pictures/13/SPOR...	Live	▶	ON (00:00:11)	1012
14 tv14	http://192.168.0.10:8010/14.ch/urba...	file:///media/www/pictures/14/SPOR...	Live	▶	ON (00:00:14)	1045
15 tv15	http://192.168.0.10:8010/15.ch/urba...	file:///media/www/pictures/15/SPOR...	Live	▶	ON (00:00:17)	1079
16 tv16	http://192.168.0.10:8010/16.ch/urba...	file:///media/www/pictures/16/KIDS	Live	▶	ON (00:00:20)	1090
17 tv17	http://192.168.0.10:8010/17.ch/urba...	file:///media/www/pictures/17/KIDS	Live	▶	ON (00:00:23)	1400
18 tv18	http://192.168.0.10:8010/18.ch/urba...	file:///media/www/pictures/18/KIDS	Live	▶	ON (00:00:21)	1091
19 tv19	http://192.168.0.10:8010/19.ch/urba...	file:///media/www/pictures/19/KIDS	Live	▶	ON (00:00:20)	1089
20 tv20	http://192.168.0.10:8010/20.ch/urba...	file:///media/www/pictures/20/KIDS	Live	▶	ON (00:00:21)	1110

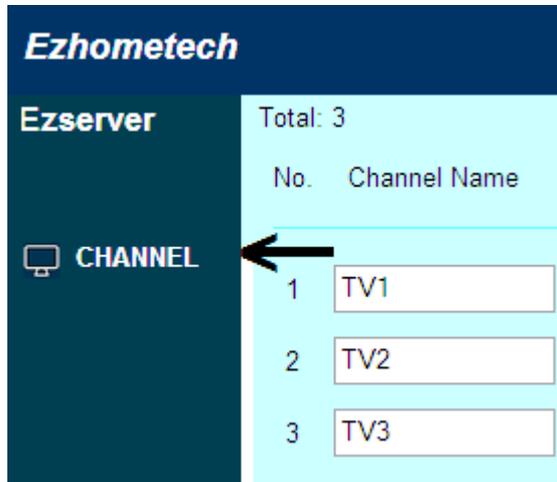
IPTV Panel provides the below management

- **Home:** System Information.
- **Channel:** Channel Management
- **Movie:** Movie Management
- **User:** Subscriber Management
- **Group:** Group Management
- **Player:** Online Player Information
- **EPG:** EPG Management
- **Reseller:** Reseller Management
- **Player Filter:** Filter all players
- **Alert Player:** Alert Player Information
- **MAC Addr.:** MAC Address Control
- **Blacklist:** Automatic blacklist management
- **Balancer:** Load balancing Management
- **Setting:** Protocol port setting
- **Statistics:** Channel Statistics
- **Shutdown:** Shutdown Ezserver
- **Log:** System Log

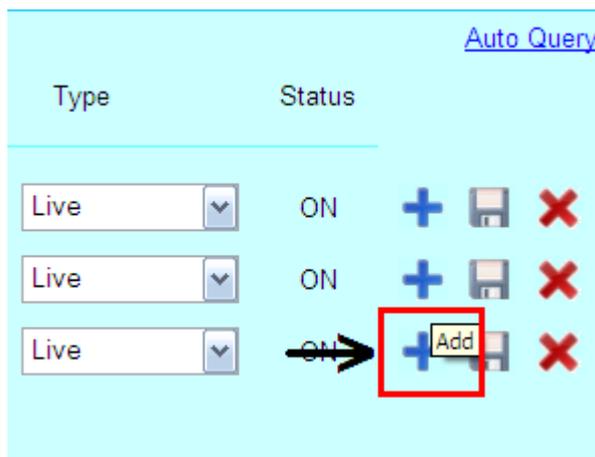
3. Add New Channel

Follow the below steps to add new channel.

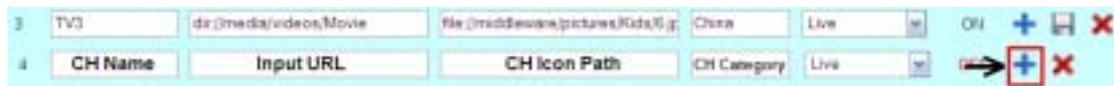
Step1: Click "Channel" Button.



Step2: Click "+" Button of a channel to add new channel.



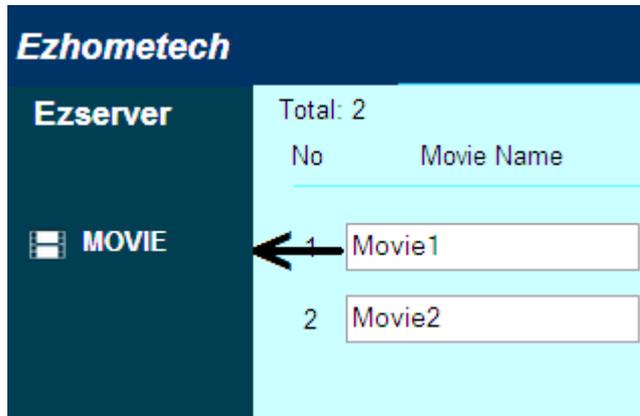
Step3: Input Channel Name, input URL, Channel Icon Path Catalog and Type, then click "+" button.



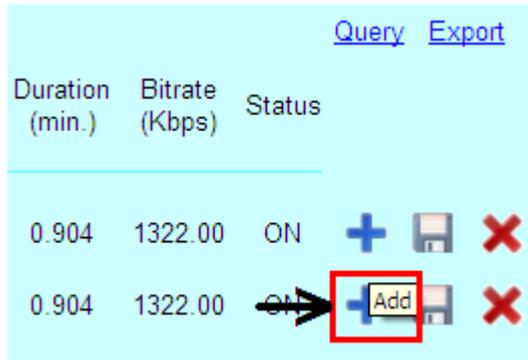
4. Add New Movie

Follow the below steps to add new movie.

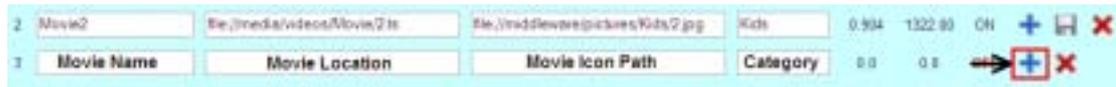
Step1: Click "Movie" Button.



Step2: Click "+" Button of a movie to add new movie.



Step3: Input Channel Name, input URL, Channel Icon Path Catalog and Type, then click "+" button.



5. Administrator password change

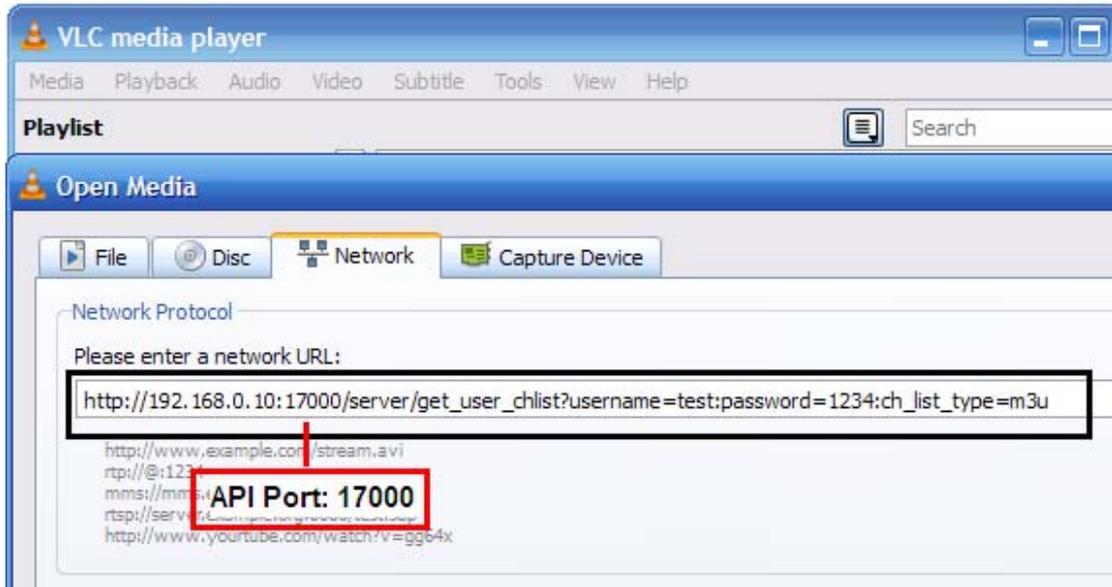
Use Internet browser such as *Internet Explore*, *Chrome*, *Firefox* or *Safari* to enter System Management by the URL path : **http://Server_IP:18000/admin/index.htm**

Login Panel by user id "**root**" and password, then click **User button** to change root password.

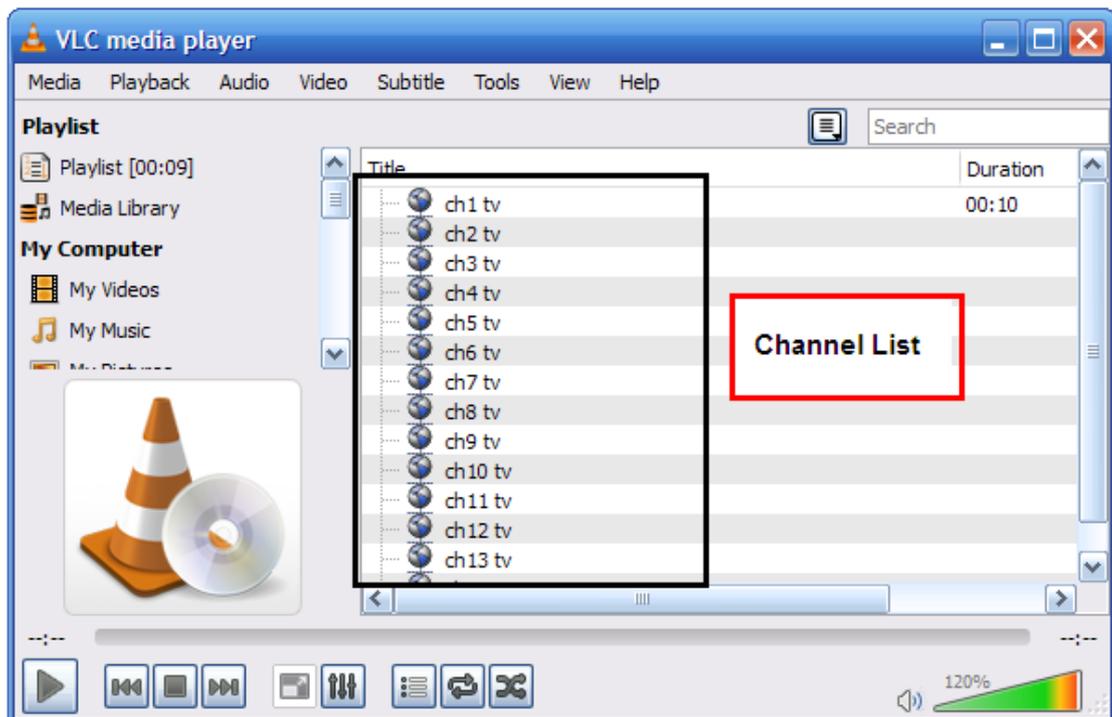
6. Play Channels

Get channel list by Ezserver API with API port(17000), ex.

`http://192.168.0.10:17000/server/get_user_chlist?username=test:password=1234:ch_list_type=m3u`
e=m3u

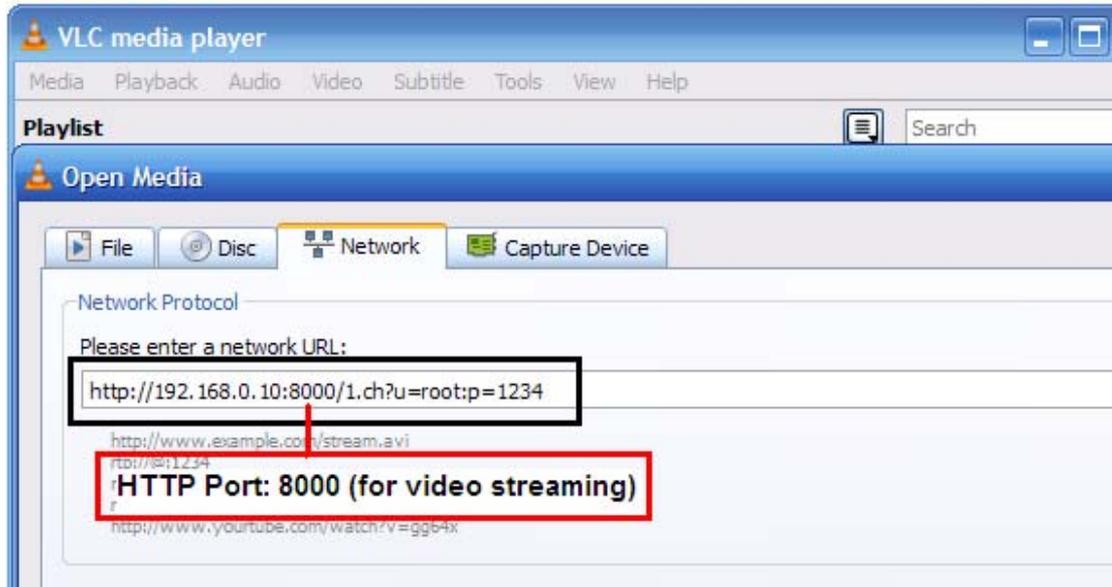


Channel List from Ezserver response:



Play a channel with HTTP port(8000), ex.

`http://192.168.0.10:8000/1.ch?u=root;p=1234`



More Options are in **Streaming URL** output.