



Ezserver Qucik Guide

Standard Version

www.ezhometech.com

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1. Installation

- 1. Linux Installation :

- o `chmod 777 install.sh`
- o `./install.sh`
- o send `serial_number.txt` to sales@ezhometech.com for license activation.
- o Go to `ezserver_standard` 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 [8.5.008 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**

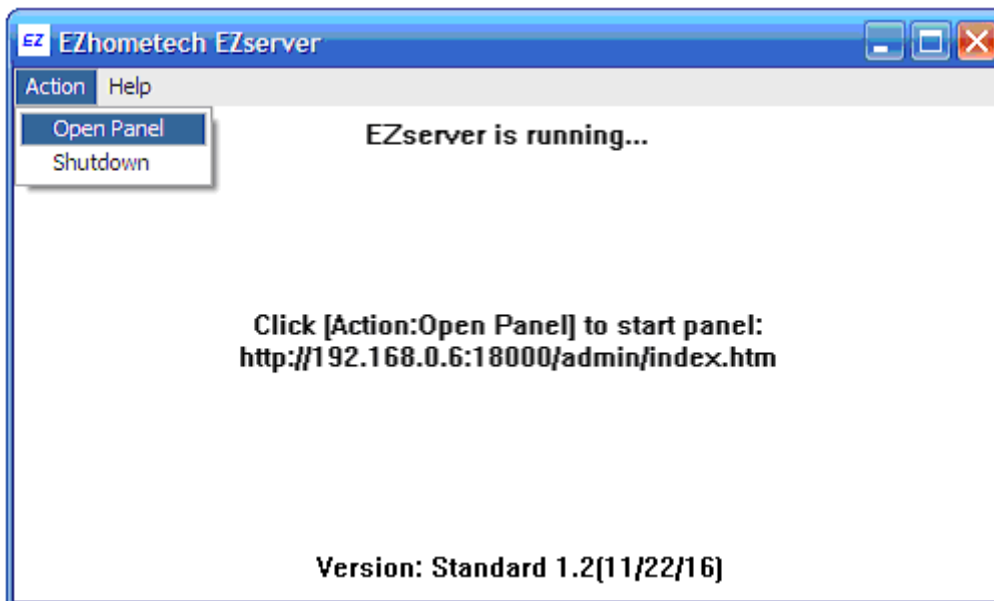
5. **Setup successfully...**

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

2. Windows version :

ezserver_standard.zip contains a folder “**ezserver_standard**” that includes ezserver image, system configuration.

- o unzip **ezserver_standard.zip**
- o enter **ezserver_standard** 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.



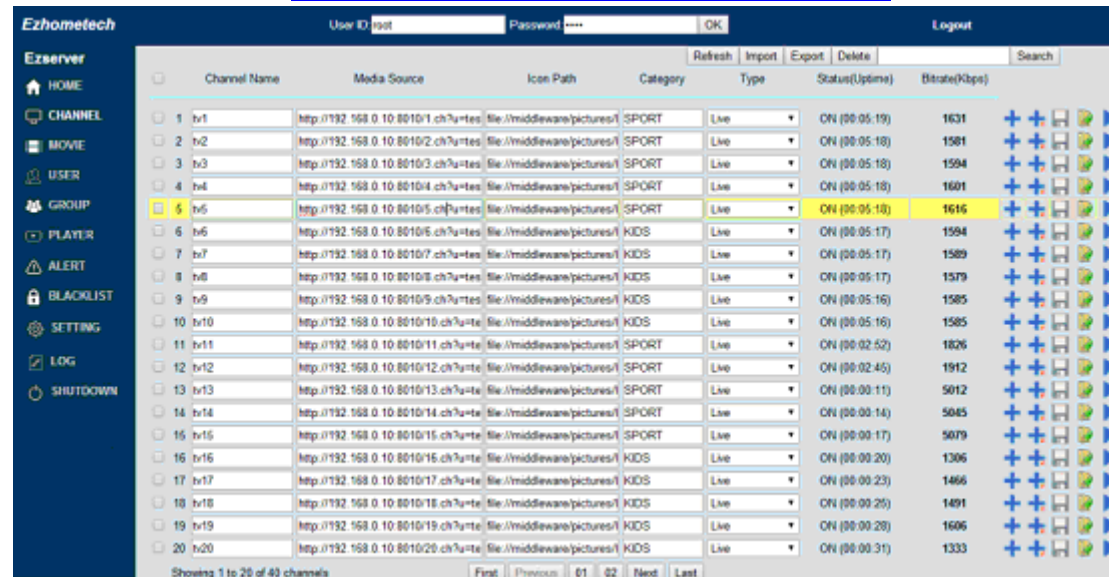
There are two ways to shutdown ezserver

- 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 shows the Ezhometech IPTV Panel interface. On the left is a sidebar with navigation links: Ezserver, HOME, CHANNEL, MOVIE, USER, GROUP, PLAYER, ALERT, BLACKLIST, SETTING, LOG, and SHUTDOWN. The main area displays a table of channels with columns: Channel Name, Media Source, Icon Path, Category, Type, Status(Uptime), and Bitrate(Kbps). Channel 5 (h5) is highlighted in yellow. At the bottom, it says 'Showing 1 to 20 of 40 channels' with pagination controls.

Channel Name	Media Source	Icon Path	Category	Type	Status(Uptime)	Bitrate(Kbps)
1 h1	http://192.168.0.10:8010/1.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:05:19)	1631
2 h2	http://192.168.0.10:8010/2.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:05:18)	1581
3 h3	http://192.168.0.10:8010/3.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:05:18)	1594
4 h4	http://192.168.0.10:8010/4.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:05:18)	1601
5 h5	http://192.168.0.10:8010/5.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:05:18)	1616
6 h6	http://192.168.0.10:8010/6.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:05:17)	1594
7 h7	http://192.168.0.10:8010/7.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:05:17)	1589
8 h8	http://192.168.0.10:8010/8.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:05:17)	1579
9 h9	http://192.168.0.10:8010/9.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:05:16)	1585
10 h10	http://192.168.0.10:8010/10.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:05:16)	1585
11 h11	http://192.168.0.10:8010/11.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:02:52)	1626
12 h12	http://192.168.0.10:8010/12.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:02:46)	1912
13 h13	http://192.168.0.10:8010/13.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:00:11)	5012
14 h14	http://192.168.0.10:8010/14.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:00:14)	5045
15 h15	http://192.168.0.10:8010/15.ch?u=tes	file://middleware/pictures/	SPORT	Live	ON (00:00:17)	5079
16 h16	http://192.168.0.10:8010/16.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:00:20)	1306
17 h17	http://192.168.0.10:8010/17.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:00:23)	1466
18 h18	http://192.168.0.10:8010/18.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:00:25)	1491
19 h19	http://192.168.0.10:8010/19.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:00:28)	1606
20 h20	http://192.168.0.10:8010/20.ch?u=tes	file://middleware/pictures/	KIDS	Live	ON (00:00:31)	1333

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
- **Alert Player:** Alert Player Information
- **Blacklist:** Automatic blacklist management
- **Setting:** Protocol port setting
- **Shutdown:** Shutdown Ezserver
- **Log:** System Log

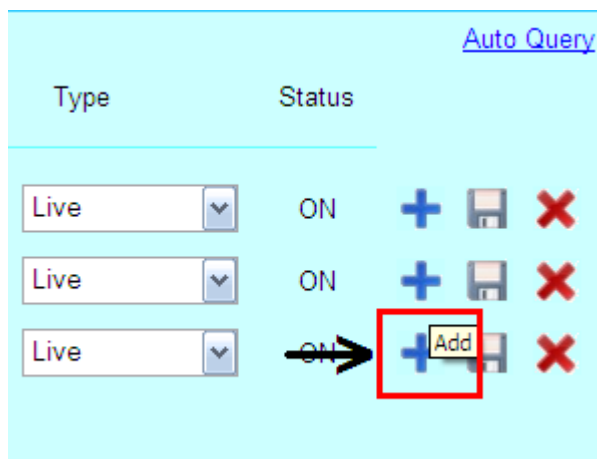
3. Add New Channel

Follow the below steps to add new channel.

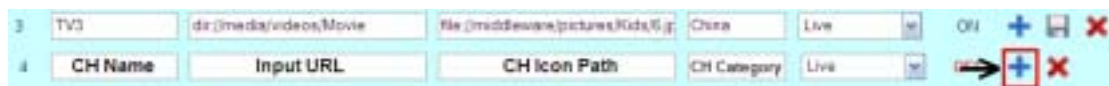
Step1: Click "Channel" Button.



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



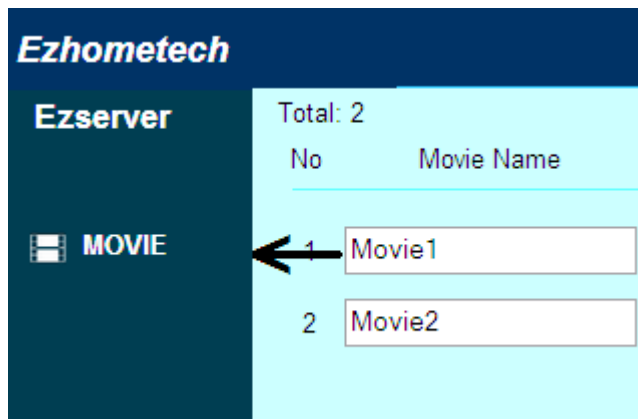
Step3: Input Channel Name, input URL, Channel Icon Path Catalog and Type, then click "+" button.



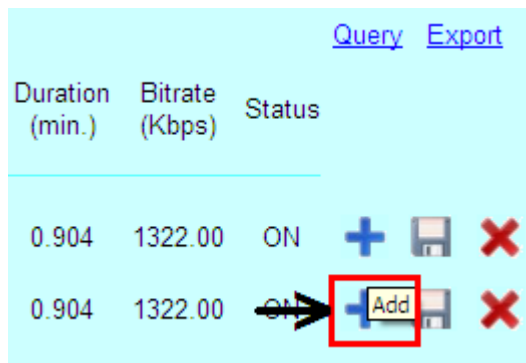
4. Add New Movie

Follow the below steps to add new movie.

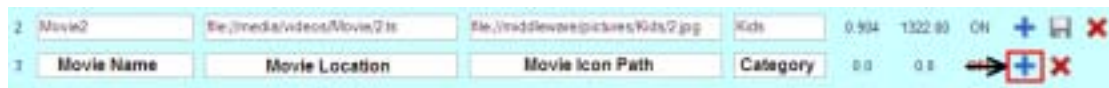
Step1: Click "Movie" Button.



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

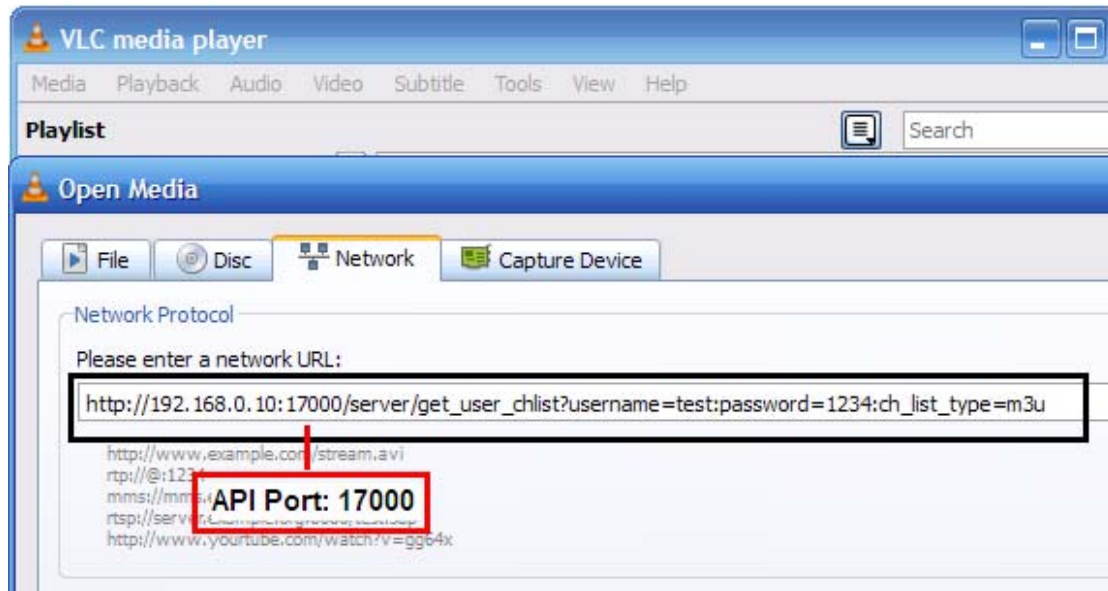
Use Internet browser such as *Internet Explore*, *Chrome*, *Firefox* or *Safari* to enter System Management by the URL path : **http://Server_IP:18000/admin/index.htm**

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

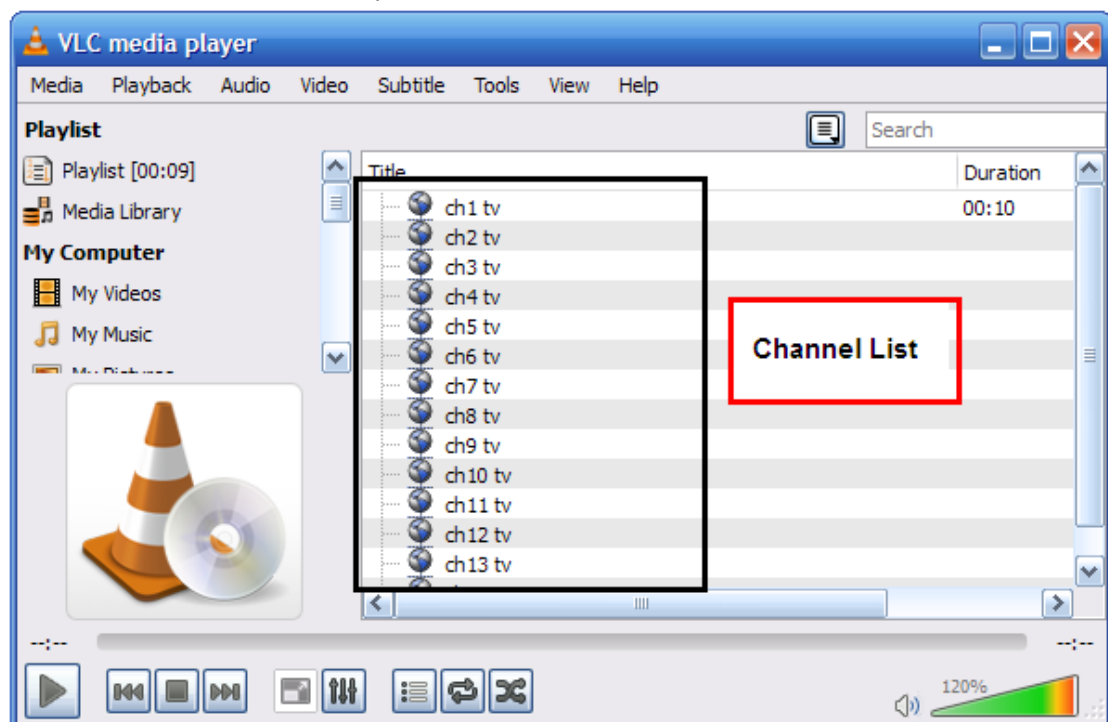
6. Play Channels

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

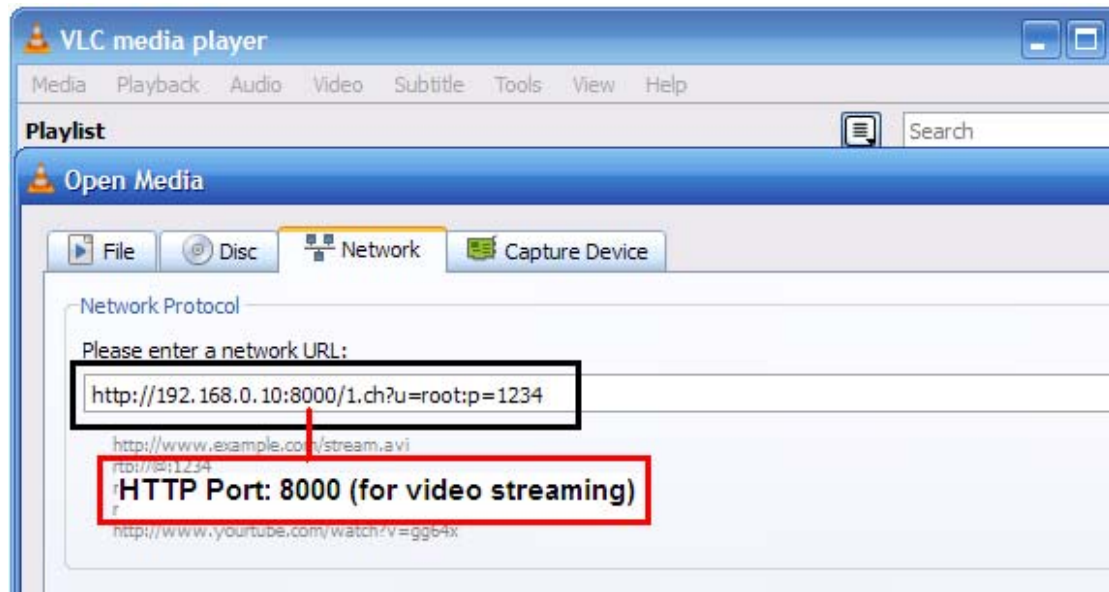


Channel List from Ezserver response:



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.