



Ezserver Qucik Guide

Prof. Version

www.ezhometech.com

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Version : 1.0.008

Content

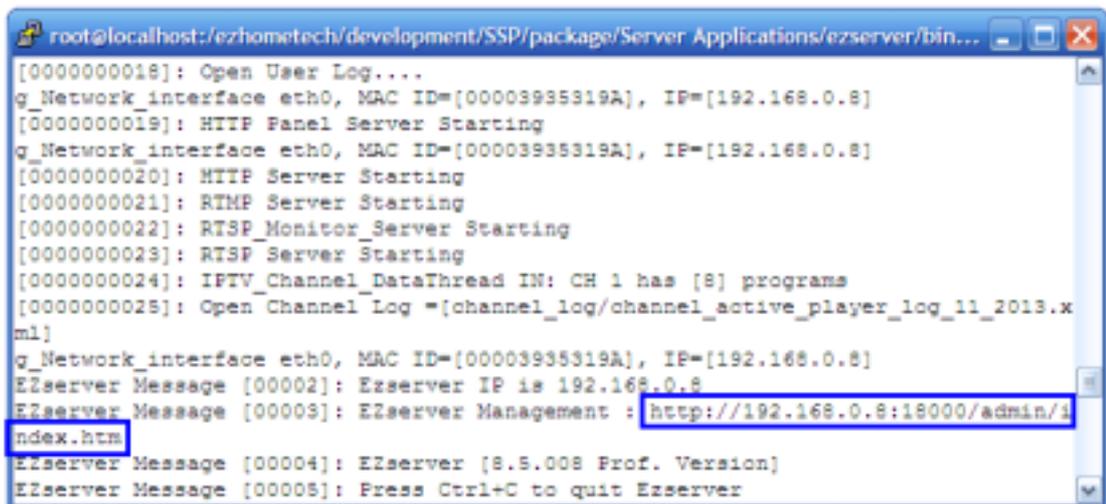
1.	Installation.....	3
2.	VSPanel	6
3.	Add New Channel	7
4.	Add New Movie	8
5.	Administrator password change	9
6.	Play Channels	10

1. Installation

1. Linux version :

- `chmod 777 install.sh`
- `./install.sh`
- send `serial_number.txt` to sales@ezhometech.com for license activation.
- Go to `ezserver_prof` 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_prof.zip contains a folder “**ezserver_prof**” that includes ezserver image, system configuration.

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



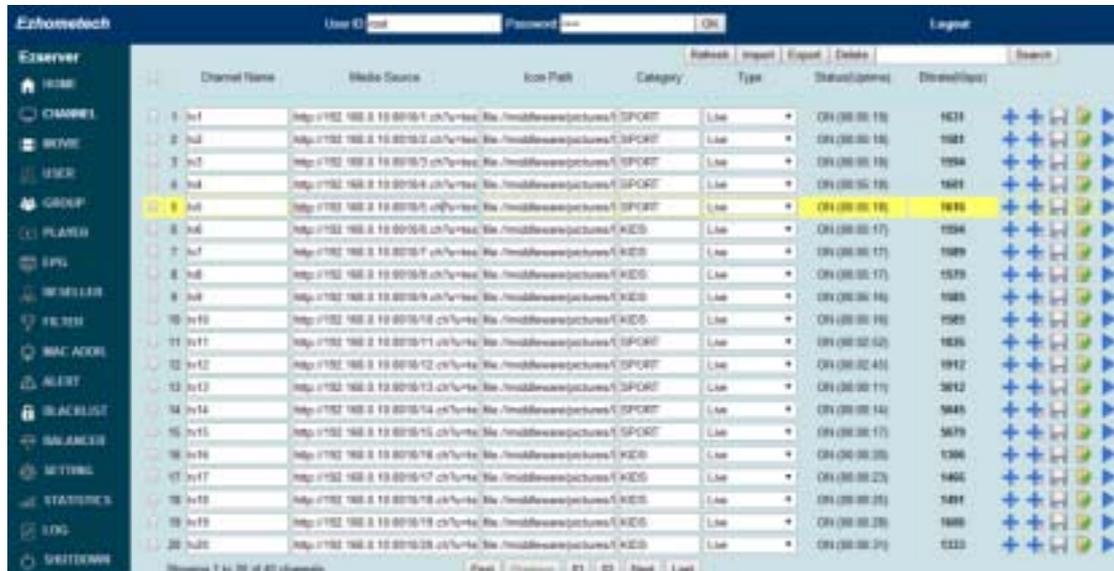
There are two ways to shutdown ezserver

- Select Action:Shutdown
- Login Ezserver System Management

2. VSPanel

VSPanel is a Video Streaming Panel for Ezserver, please use Internet browser such as *Internet Explore, Chrome, Firefox* or *Safari* to login VSPanel by the below URL path.

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



The screenshot displays the Ezhometech VSPanel interface. On the left is a dark blue sidebar with navigation icons for Home, Channel, Movie, User, Group, Player, EPG, Reseller, MAC Addr, Alert, Blacklist, Balancer, Setting, Statistics, Log, and Shutdown. The main area shows a table of channels with columns: 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. At the bottom, there are pagination controls showing 'Showing 1 to 20 of 80 channels'.

Channel Name	Media Source	Icon Path	Category	Type	Status (Open)	Download
1 ch1	http://192.168.0.10:8010/1.ch/rtmpe://live/mediaserver/pictures/1/SPC07	live	Live	Live	ON (00:00:16)	1071
2 ch2	http://192.168.0.10:8010/2.ch/rtmpe://live/mediaserver/pictures/2/SPC07	live	Live	Live	ON (00:00:16)	1081
3 ch3	http://192.168.0.10:8010/3.ch/rtmpe://live/mediaserver/pictures/3/SPC07	live	Live	Live	ON (00:00:16)	1094
4 ch4	http://192.168.0.10:8010/4.ch/rtmpe://live/mediaserver/pictures/4/SPC07	live	Live	Live	ON (00:00:16)	1091
5 ch5	http://192.168.0.10:8010/5.ch/rtmpe://live/mediaserver/pictures/5/SPC07	live	Live	Live	ON (00:00:16)	1096
6 ch6	http://192.168.0.10:8010/6.ch/rtmpe://live/mediaserver/pictures/6/KED3	live	Live	Live	ON (00:00:17)	1094
7 ch7	http://192.168.0.10:8010/7.ch/rtmpe://live/mediaserver/pictures/7/KED3	live	Live	Live	ON (00:00:17)	1089
8 ch8	http://192.168.0.10:8010/8.ch/rtmpe://live/mediaserver/pictures/8/KED3	live	Live	Live	ON (00:00:17)	1079
9 ch9	http://192.168.0.10:8010/9.ch/rtmpe://live/mediaserver/pictures/9/KED3	live	Live	Live	ON (00:00:16)	1085
10 ch10	http://192.168.0.10:8010/10.ch/rtmpe://live/mediaserver/pictures/10/KED3	live	Live	Live	ON (00:00:16)	1085
11 ch11	http://192.168.0.10:8010/11.ch/rtmpe://live/mediaserver/pictures/11/SPC07	live	Live	Live	ON (00:00:16)	1026
12 ch12	http://192.168.0.10:8010/12.ch/rtmpe://live/mediaserver/pictures/12/SPC07	live	Live	Live	ON (00:00:16)	1092
13 ch13	http://192.168.0.10:8010/13.ch/rtmpe://live/mediaserver/pictures/13/SPC07	live	Live	Live	ON (00:00:11)	1012
14 ch14	http://192.168.0.10:8010/14.ch/rtmpe://live/mediaserver/pictures/14/SPC07	live	Live	Live	ON (00:00:14)	1045
15 ch15	http://192.168.0.10:8010/15.ch/rtmpe://live/mediaserver/pictures/15/SPC07	live	Live	Live	ON (00:00:17)	1079
16 ch16	http://192.168.0.10:8010/16.ch/rtmpe://live/mediaserver/pictures/16/KED3	live	Live	Live	ON (00:00:16)	1096
17 ch17	http://192.168.0.10:8010/17.ch/rtmpe://live/mediaserver/pictures/17/KED3	live	Live	Live	ON (00:00:23)	1006
18 ch18	http://192.168.0.10:8010/18.ch/rtmpe://live/mediaserver/pictures/18/KED3	live	Live	Live	ON (00:00:21)	1091
19 ch19	http://192.168.0.10:8010/19.ch/rtmpe://live/mediaserver/pictures/19/KED3	live	Live	Live	ON (00:00:20)	1089
20 ch20	http://192.168.0.10:8010/20.ch/rtmpe://live/mediaserver/pictures/20/KED3	live	Live	Live	ON (00:00:21)	1110

VSPanel 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

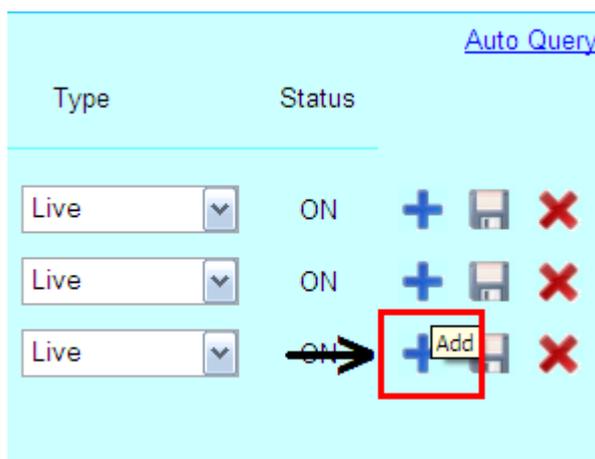
3. Add New Channel

Follow the below steps to add new channel.

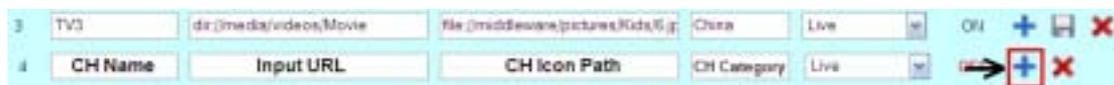
Step1: Click "Channel" Button.



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



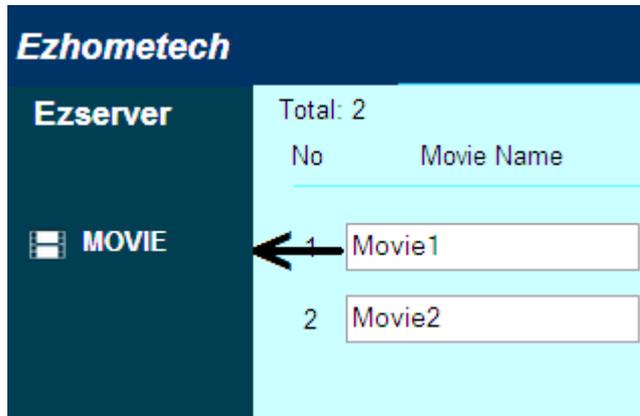
Step3: Input Channel Name, input URL, Channel Icon Path Catalog and Type, then click "+" button.



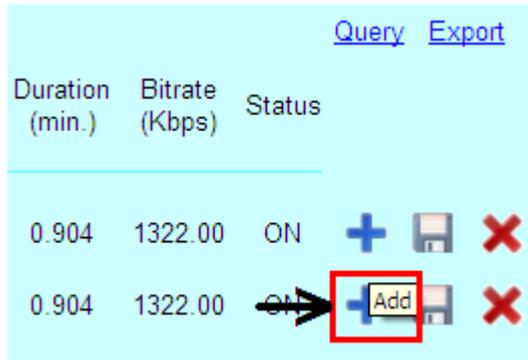
4. Add New Movie

Follow the below steps to add new movie.

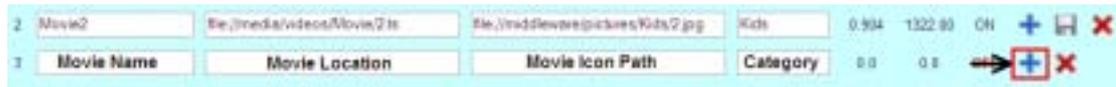
Step1: Click "Movie" Button.



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

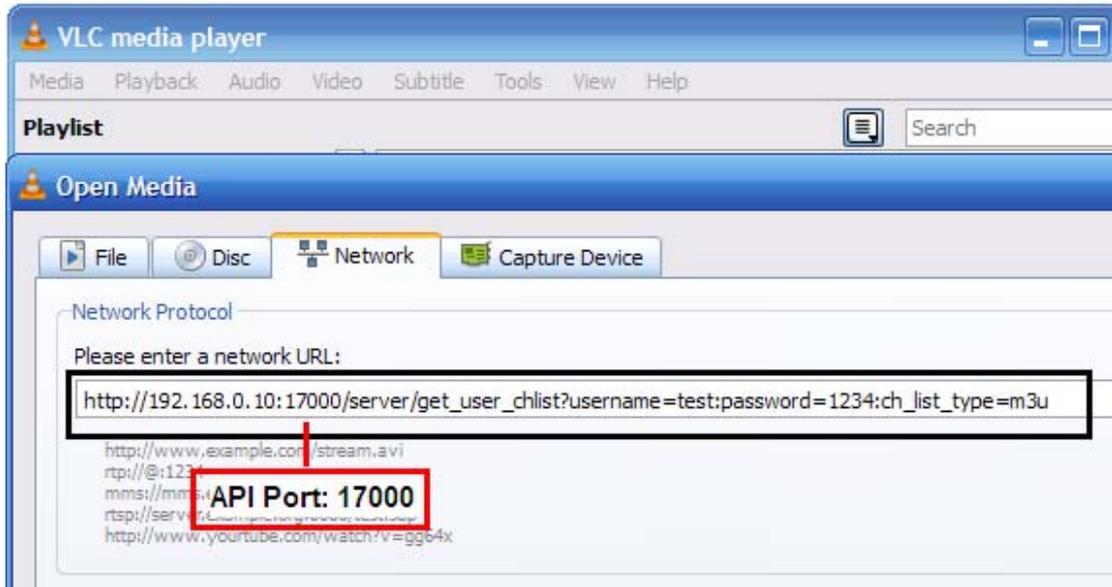
Use Internet browser such as *Internet Explore*, *Chrome*, *Firefox* or *Safari* to enter System Management by the URL path : **http://Server_IP:18000/admin/index.htm**

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

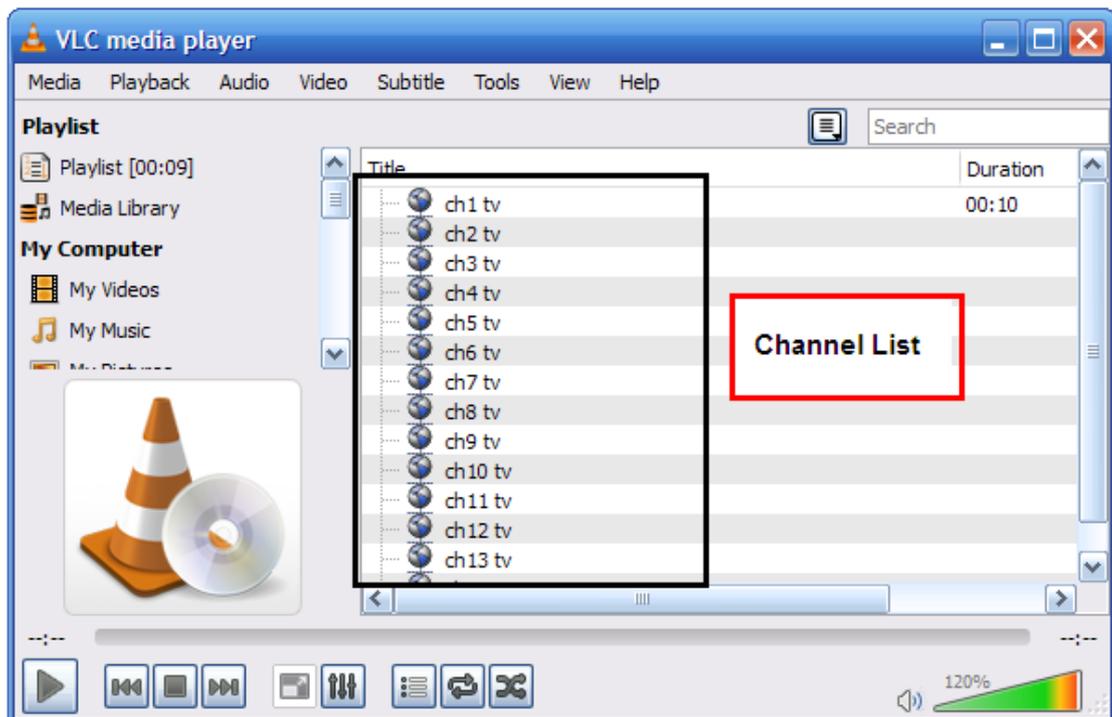
6. Play Channels

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

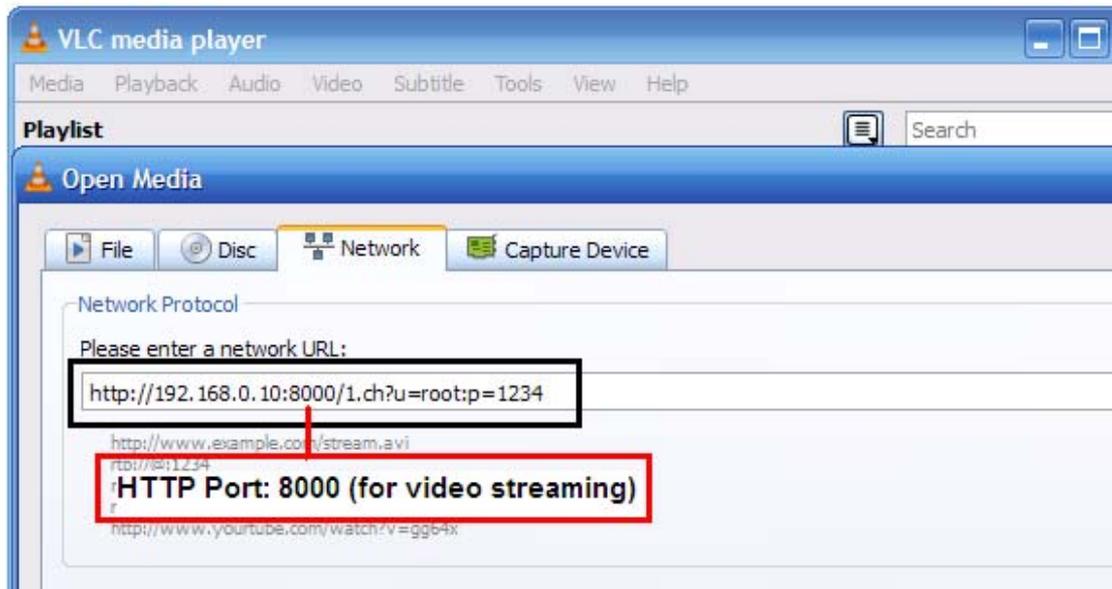


Channel List from Ezserver response:



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.