



Ezserver Qucik Guide

Enterprise Version

www.ezhometech.com

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1. Installation

Refer the below steps to install ezserver and IPTV Panel.

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

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

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. At the top, there is a navigation bar with a sidebar on the left containing icons for various functions: HOME, CHANNEL, MOVIE, USER, GROUP, PLAYER, EPG, RESELLER, FILTER, MAC ADDR, ALERT, BLACKLIST, BALANCER, SETTING, STATISTICS, LOG, and SHUTDOWN. The main content area is divided into several sections. The top section shows 'Active Connections' (1), 'Active Channels' (6), 'Uptime' (0 Day 0:12:39), and 'Version' (Enterprise 2.0[08/04/17]). Below this, there are two columns: 'System' and 'Content'. The 'System' column lists 'Start at: 2017/8/5 21:18:48', 'Balancer: Disabled', 'Filter: Disabled', and 'Global Mac address: Disabled'. The 'Content' column lists 'Channels: 6', 'Movies: 6', 'Upload Bandwidth: 2.60 Mbps', and 'Download Bandwidth: 1.00 Mbps'. At the bottom, there are two more columns: 'Users' and 'Resource'. The 'Users' column lists 'Groups: 3', 'Users: 1031', and 'Blacklist IP: 0'. The 'Resource' column lists 'Total Memory: 1.95 GB', 'Free Memory: 0.19 GB', 'Disk Use: 10%', and 'Load Average: 0.31'. A long alphanumeric string is visible at the very bottom of the interface.

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

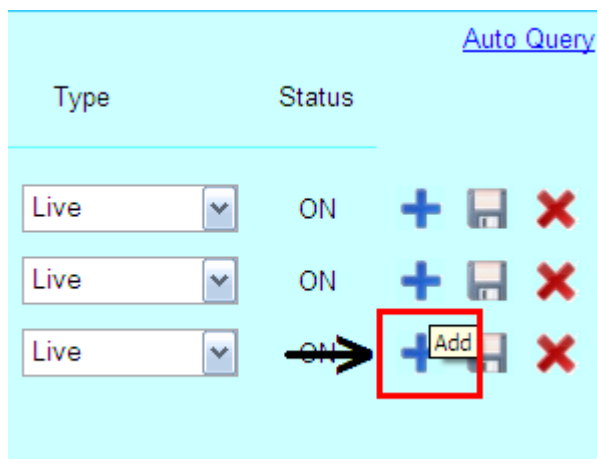
3. Add New Channel

Follow the below steps to add new channel.

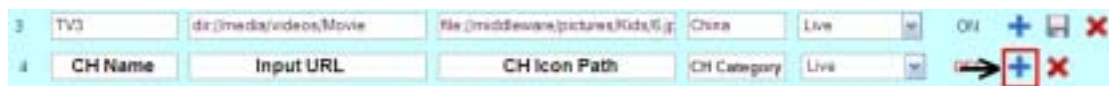
Step1: Click "Channel" Button.



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



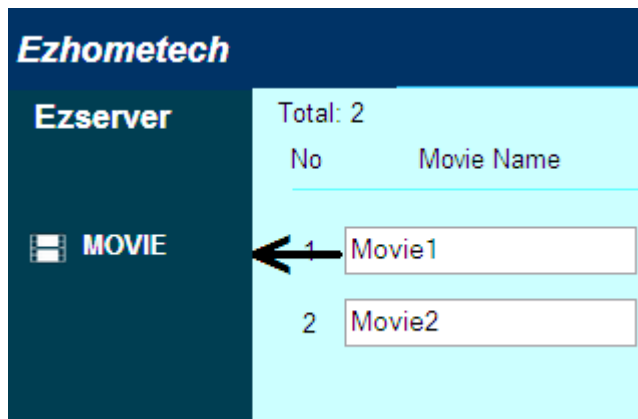
Step3: Input Channel Name, input URL, Channel Icon Path Catalog and Type, then click "+" button.



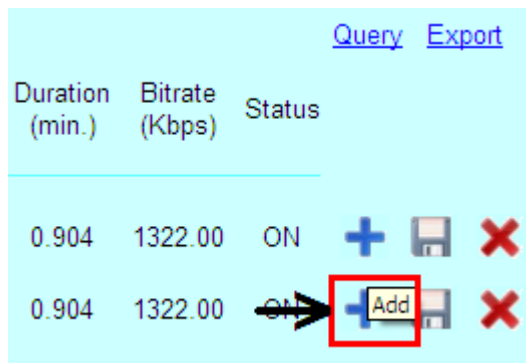
4. Add New Movie

Follow the below steps to add new movie.

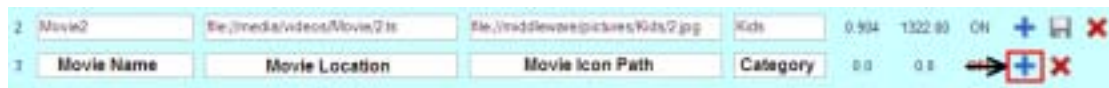
Step1: Click "Movie" Button.



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

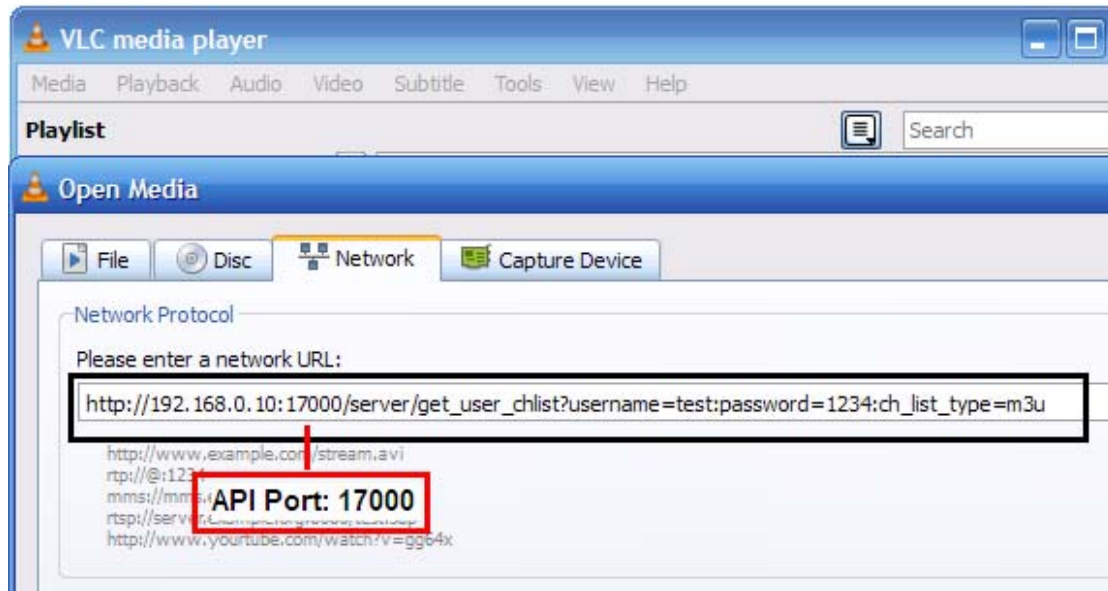
Use Internet browser such as *Internet Explore*, *Chrome*, *Firefox* or *Safari* to enter System Management by the URL path : **http://Server_IP:18000/admin/index.htm**

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

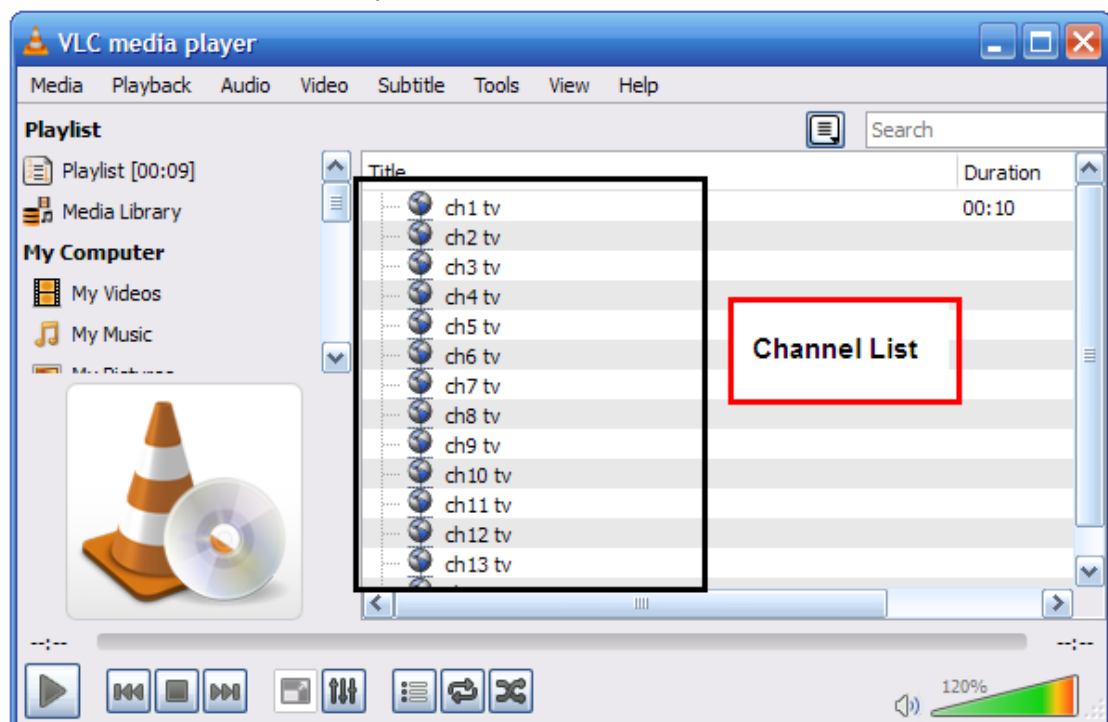
6. Play Channels

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

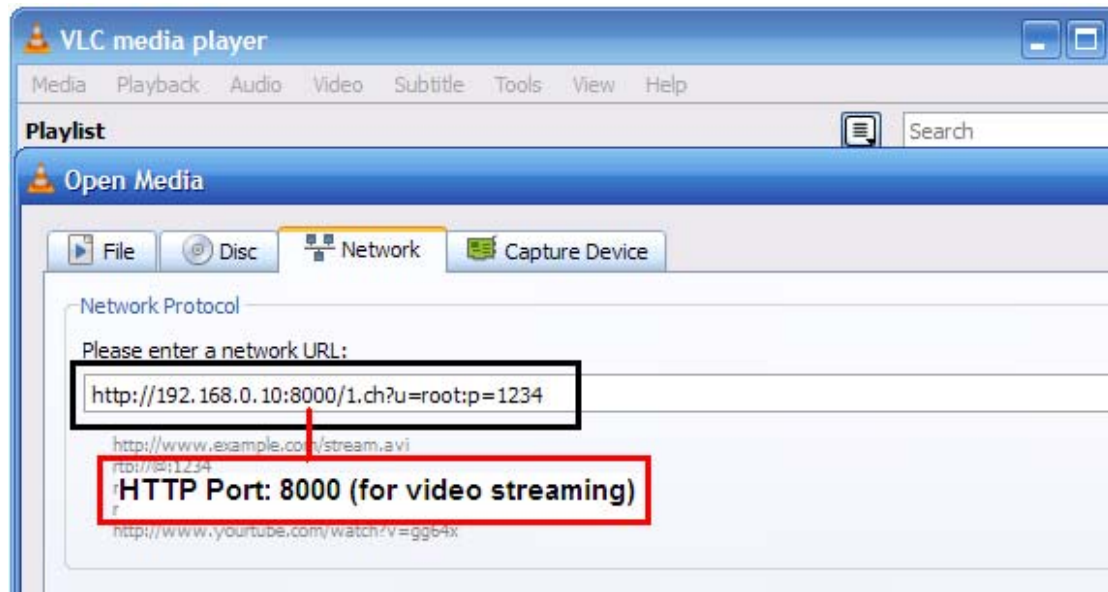


Channel List from Ezserver response:



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.