



Ezserver Tutorial

Dynamic Streaming Protocol **(DSP)**

Revision: 09/23/23



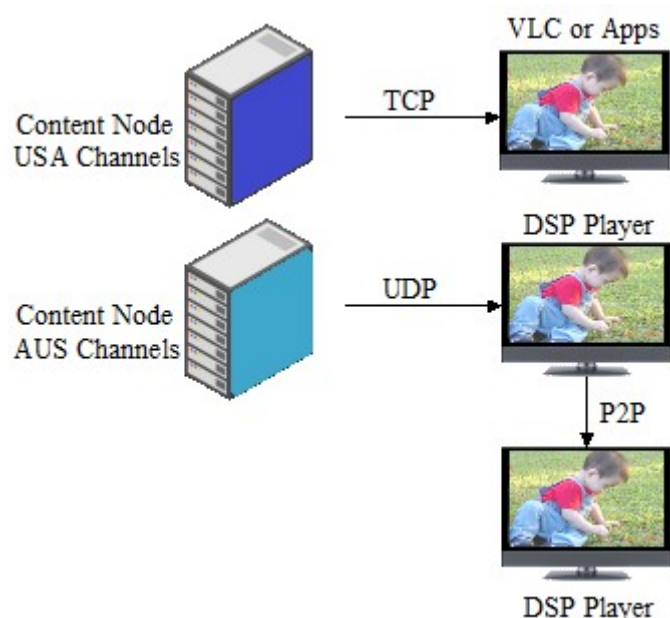
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1 Ezserver

Dynamic Streaming Protocol



The "**Dynamic Streaming Protocol**" represents a revolutionary advancement in the world of video streaming. Designed to adapt seamlessly to varying network conditions and server capacities, this protocol sets a new standard for efficiency, scalability, and user experience. Unlike conventional streaming methods, the "Dynamic Streaming Protocol" intelligently combines unicast TCP streaming with peer-to-peer (P2P) unicast UDP streaming over Web 3.0 blockchain technology, dynamically switching between them based on real-time demands. At the outset, the protocol leverages unicast TCP streaming to deliver content to viewers efficiently. As the number of connections approaches the maximum capacity of a single server, the protocol dynamically transitions to P2P unicast UDP streaming.

By employing P2P technology, the "Dynamic Streaming Protocol" optimizes the distribution of streaming content among connected players, alleviating server load and reducing the burden on network resources. This adaptive approach not only ensures consistent, high-quality video delivery but also significantly minimizes buffering and latency issues.

With the "Dynamic Streaming Protocol," video streaming providers can deliver a smooth and reliable viewing experience to a growing audience without compromising on performance. Whether it's for live events, on-demand content, or interactive applications, this protocol paves the way for a more robust, cost-effective, and future-proof video streaming solution.

Embrace the future of video streaming with the "Dynamic Streaming Protocol" and unlock the potential of dynamic, efficient, and uninterrupted content delivery like never before..



Specification:

Web server:

- **Protocol:** HTTP and HTTPS.

Blockchain server:

- **Protocol:** UDP
- **Video format:** H264 and H265.
- **Audio format:** AAC, MP3.

IPTV panel:

- **User management:** create, modify and delete users.
- **Channel management:** create, modify and delete channels.
- **Movies management:** create, modify and delete movies.
- **Series management:** create, modify and delete series.
- **Reseller panel:** create, modify and delete his users.

P2P & Multicast player:

- **Android App.**

Requirement:

Minimum Server Requirement:

- **Linux:** Ubuntu 20.04(Recommended), Debian, Centos
- **Windows:** 64-bits
- **CPU:** 4v Core
- **RAM:** 8GB
- **Storage:** 160 GB
- **Bandwidth:** 1Gbps unmetered

Minimum Android Requirement:

- **CPU:** Dual-Core(1.2xGHz)
- **RAM:** 1GB
- **Storage:** 1 GB
- **Bandwidth:** 1Gbps
- **Device:** STB (recommended), Mobile Phone, Android Smarter TV

Related Information:

Ezserver Official website:

<http://www.ezhometech.com/>

Ezserver Forum:

<https://ezserver.createaforum.com/>

Ezserver User Guide website:

http://www.ezhometech.com/html/ezserver_user_guide.html



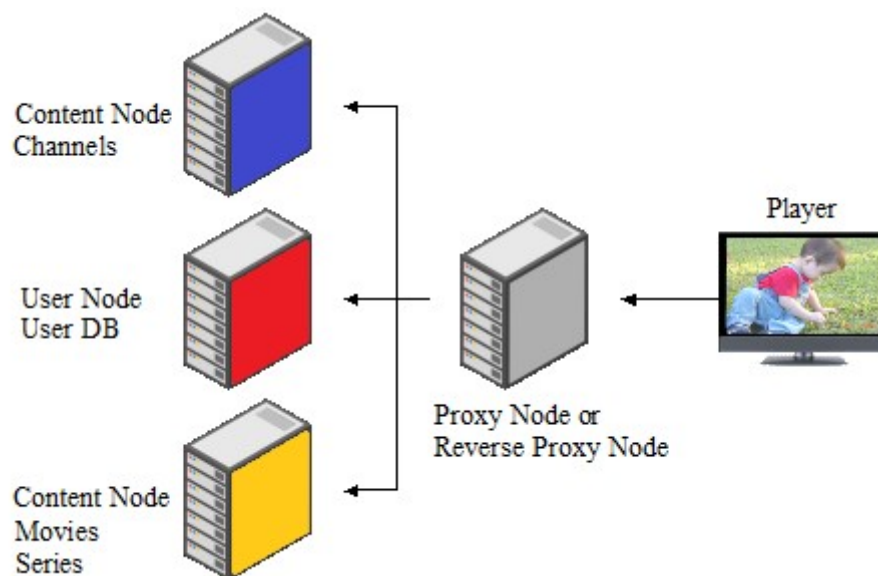
1.1 Blockchain Server (Web 3.0)

It includes Channel Unicast Server , Movie Unicast Server, Episode Unicast Server, XMLTV EPG Parser, MPEG TS EPG Parser, MPTS to SPTS Parser, Authorization Security Server and Authentication Server. It uses **Blockchain technology** instead of loader balance, CDN technology.

Additionally, You can create a new private cloud or join other private cloud networks for enhanced DDoS defense and content exchange capabilities as below network configuration.

The blockchain network consists of 4 pivotal nodes, each playing a crucial role in ensuring a robust and secure ecosystem for content delivery. These nodes are **User Server**, **Content Server**, **Proxy Server** and **Reverse Proxy Server**.

A Proxy Node acts *VPN server* to hide the User and Content Servers, or **A Reverse Proxy Node** hides the User Server, guarding it from direct exposure. This enhances security, load balancing, and overall performance.





1.2 Installation and License activation

Get checkout web page after you buy Ezserver License and contact us for installation password.

```
THANKS YOUR EZSERVER SUBSCRIPTION, PLEASE REFER THE BELOW:

Hello,

A. Linux Ubuntu 20.04 --- video:

1. Login ssh by root or sudo user
2. apt install openssl
3. openssl version
4. if not version 1.1, reinstall openssl by the instructions.
5. cd /home && wget -O install.sh http://www.ezhometech.com/[redacted]install.sh && chmod 777 install.sh
6. ifconfig //select one network interface for next step
7. ./install.sh
8. Contact sales@ezhometech.com for password.
9. Panel port and Streaming Port must be different.
10. cat /home/ezserver_enterprise/serial_number.txt
11. email /home/ezserver_enterprise/serial_number.txt (size: 97 bytes) with paypal transaction info. to sales@ezhometech.com for license activation.

B. Windows

1. Click here to download it and contact sales@ezhometech.com for unzip password.
2. Refer Readme.txt in zip file.
3. Double Click Ezserver.exe to create serial_number.txt.
4. email ezserver_enterprise/serial_number.txt (size: 97 bytes) with paypal transaction info. to sales@ezhometech.com for license activation.
```

Windows version:

- Download ezserver_enterprise.zip from the checkout web page.
- Refer Readme.txt in zip file to run Ezserver.exe.
- Email us the ezserver_enterprise/serial_number.txt (size: 74bytes) to active ezserver license.

Note:

Windows version with multiple network cards

- Open ezserver_config.txt and edit network_interface value..
- network_interface value
 - eth0: the first card
 - eth1: the 2nd card
 - eth2: the 3rd card.
- Delete serial_number.txt and double click Ezserver.exe to create new serial_number.txt to us for license reactivation.

Linux:

- Download install.sh from the checkout web page.
- ./install.sh with installation password
- Email us the ezserver_blockchain/serial_number.txt (size: 74bytes) to active Ezserver license.



1.3 Start / Restart / Shutdown

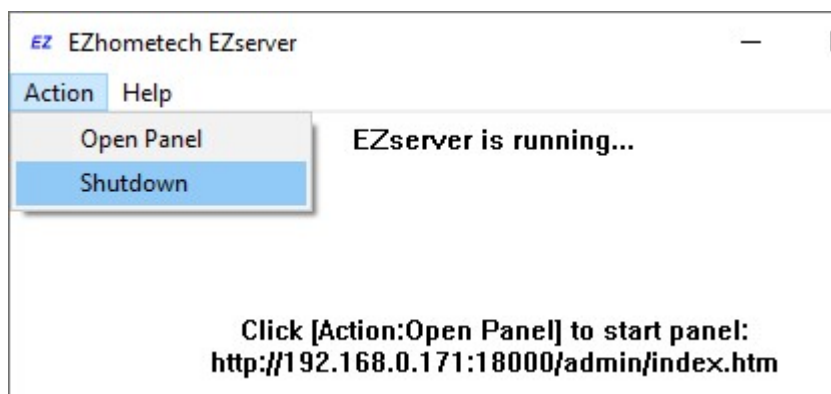
Windows version:

- Start:
 - ✧ Double Click Ezserver.exe
- Restart: Login Panel and Click the below button



wait 30~60 seconds to relogin panel.

- Shutdown:



Linux Version: ezserver at /home/ezserver_blockchain folder

- Start:
 - ✧ `cd /home/ezserver_blockchain`
 - ✧ `./start.sh`
- Restart:
 - ✧ `cd /home/ezserver_blockchain`
 - ✧ `./restart.sh`
 - ✧ or Login Panel and Click the below button



wait 30~60 seconds to relogin panel.

- Shutdown:
 - ✧ `cd /home/ezserver_blockchain`
 - ✧ `./shutdown.sh`



1.4 Admin Password

The screenshot shows the Ezhometech Admin interface. The top navigation bar includes 'DashBoard', 'Users', and 'Channels'. A dropdown menu is open under 'Users', showing options: 'Add User', 'Add Android Device', 'Add MAG STB', 'Add Active Code', and 'Manage Users'. The 'Manage Users' option is highlighted with a black box and labeled with a red arrow and the number '1'. Below the dropdown, a table lists users with columns for 'User ID', 'User', 'Password', 'Group', 'Channel List', and 'Owner'. A red arrow labeled '2' points to the 'Add User' button in the bottom right corner. Another red arrow labeled '3' points to the 'Add User' button in the bottom right corner.

User ID	User	Password	Group	Channel List	Owner
1	root	1234	golden	--	
2	Main	n1960			
3					
4	Joel		Manan Groups		1000
5	Jean-M		Adresseller		n-Michel-1975
6	850732		Manage Resellers		

1.5 Software Update

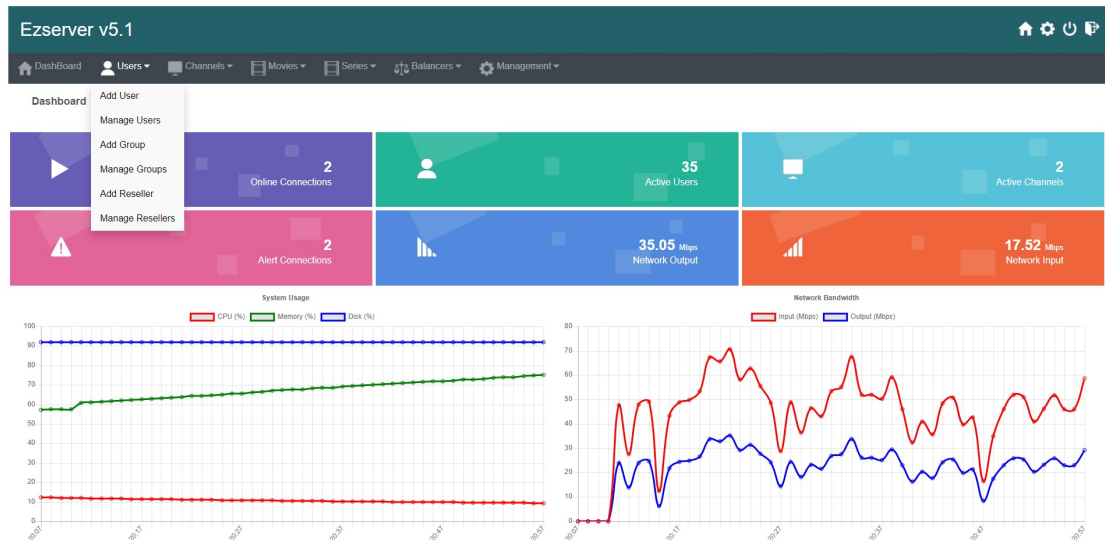
- cd ezserver_blockchain
- ./patch.sh
- input password
- ./restart.sh



2. IPTV Panel

Admin Panel Input URL: **http://domain:port**

Reseller Panel URL: **http://domain:port/reseller/index.htm**



- **User / Group / Reseller management:** create, modify and delete users, groups, Reseller.
- **Channel / EPG management:** create, modify, delete or import channels,, epg.
- **Movies management:** create, modify, delete or import movies.
- **Series management:** create series.
- **User Agent Protection:** Add, delete User Agent for Player protection
- **Blacklist management:** show and delete Locked IP.
- **Statistics:** show Channel and Movies watched information.
- **Setting**



2.1 User Management

There are 3 options for player activation.

- Click **"Add Android Device"** and Input Device Mac Address

The screenshot shows the 'Users' section of a dashboard. A dropdown menu is open, showing options: 'Add User', 'Add Android Device', 'Add MAG STB', 'Add Active Code', 'Manage Users', 'Add Group', 'Manage Groups', 'Add Reseller', and 'Manage Resellers'. The 'Add Android Device' option is highlighted. Below the menu, a table lists 8 users. The first two users are 'root' and 'test'. The last user is '00:1a:79:00:00:01' with a 'basic' group.

	User	Word	Group ▲▼
<input type="checkbox"/>	1	root	golden ▼
<input type="checkbox"/>	2	test	golden ▼
<input type="checkbox"/>	3	d8:f3:68:2	golden ▼
<input type="checkbox"/>	4	44:d3:ad:	golden ▼
<input type="checkbox"/>	5	c6:19:7a:	golden ▼
<input type="checkbox"/>	6	30:95:87:	golden ▼
<input type="checkbox"/>	7	30:95:87:	golden ▼
<input type="checkbox"/>	8	00:1a:79:00:00:01	basic ▼

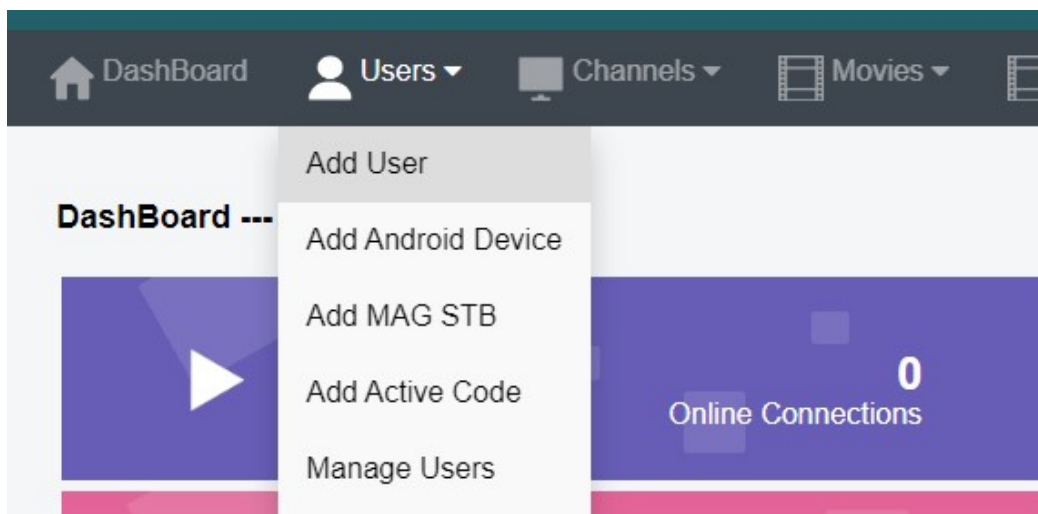
Showing 1 to 8 of 8 users

New Android Device

User at	<input type="text" value="8"/>	MAC Address	<input type="text" value="00:1A:A1:24:C8:C8"/>
Password	<input type="text"/>	Rating Password	<input type="text" value="2989770773"/>
Group	<input type="text" value="basic"/>	Level	<input type="text" value="User"/>
Expired Time	<input type="text" value="1 month"/>	Connection Limit	<input type="text" value="1"/>
IP	<input type="text"/>	Device Type	<input type="text" value="android"/>



- Click **"Add User"** and Input User name / password



New User

User at	<input type="text" value="18"/>	User Name	<input type="text" value="test"/>
Password	<input type="text" value="1234"/>	Rating Password	<input type="text" value="7402473116"/>
Group	<input type="text" value="basic"/>	Level	<input type="text" value="User"/>
Expired Time	<input type="text" value="1 month"/>	Connection Limit	<input type="text" value="1"/>
IP	<input type="text"/>	MAC ID	<input type="text"/>



- Click **"Add Active Code"**

	User	Username	Password	Group
<input type="checkbox"/>	1	root		golden
<input type="checkbox"/>	2	test		golden
<input type="checkbox"/>	3	21	024	basic

New Active Code

User at	<input type="text" value="18"/>	Active Code	<input type="text" value="4866693631"/>
Password	<input type="text"/>	Rating Password	<input type="text" value="1234"/>
Group	<input type="text" value="basic"/>	Level	<input type="text" value="User"/>
Expired Time	<input type="text" value="1 month"/>	Connection Limit	<input type="text" value="1"/>
IP	<input type="text"/>	Device Type	<input type="text" value="activecode"/>

- ✧ Active Code is auto generated by system random generator.
- ✧ Each active code is limited by one device.



2.2 Channel Management

2.2.1 Add new channel

1.

The screenshot shows the 'Channels' management interface. At the top, there is a navigation bar with icons for Dashboard, Users, Channels, Movies, and Series. Below the navigation bar, a dropdown menu is open, showing three options: 'Add Channel', 'Manage Channels', and 'Manage EPG'. The 'Add Channel' option is highlighted. Below the dropdown, there is a table with columns for 'Channel Name' and 'Media Source'. The table contains three rows of data:

	Channel Name	Media Source
1	RTS 1	dir://media/videos/Movie/
2	TV3	http://bitcdn-kronehit.bitmovin.com/v2/f
3	RTS 2	dir://media/videos/Movie/

2.

The screenshot shows the 'New Channel' form. It has the following fields and values:

- Channel at: 17
- Channel Name: TV1
- Media Source: http://streamking.dvrns.org:25461/77/YKKtfq0vRn/19957
- Icon Path: https://cdn1.iconfinder.com/data/icons/metro-ui-dock-icon-set--icons-by-d
- Category: Kid
- Type: Live

At the bottom of the form, there are two buttons: 'Add' and 'Cancel'.



2.2.2 Import channels by m3u link

1. Click Channels: Manage Channels: Import M3U

<input type="checkbox"/>	Channel Name	Media Source
<input type="checkbox"/> 1	RTS 1	dir://media/videos/Movie/
<input type="checkbox"/> 2	TV3	http://bitcdn-kronehit.bitmovin.com/v2/f
<input type="checkbox"/> 3	RTS 2	dir://media/videos/Movie/

2. Click Import M3U

No Filter ▾ 20 ▾ Add Channel ↻ ▾

- Multi Refresh
- Import M3U
- Export as XML
- Transcoder

3. Input HTTP M3U Link and Click **Submit** button

Import Channels

Channel after: Options:

M3U from HTTP URL or Local File

HTTP URL:

Local File: No file chosen



4. Then restart ezserver by `./restart.sh` cmd in ssh console or click panel power off button,



then wait for 1~2 min. to login panel again.

5. if any issue after import by the above way., you can refer the below steps

- Use Chrome to download your m3u link and rename it to **new.m3u**
- Click **Choose Files** to select new.m3u and click **Submit** button.

Import Channels

Channel after Options

M3U from HTTP URL or Local File

HTTP URL

Local File : No file chosen

6. if any issue after import by the above way., you can refer the below steps

- Use Chrome to download your m3u link and rename it to **new.m3u**
- Upload **new.m3u** into server `/home/ezserver_enterprise` folder
- Open `/home/ezserver_enterprise/channel_definition.xml`
- Remove all lines **except the 1st line** and save it.
- Restart ezserver by `./restart.sh` in ssh console again
- Import it again by new URL: http://ezserverIP:panel_port/new.m3u
- Login panel to check it again.



2.3 Movie Management

Dashboard Users Channels Movies Series

Movie

Add Movie
Manage Movies

<input type="checkbox"/>	Movie Name ▲ ▼	Media Source
<input type="checkbox"/> 1	THE BEST UPCOMING MC	https://youtu.be/uAQFxn2Ss84
<input type="checkbox"/> 2	GOLD Trailer (2022)	https://youtu.be/9UHxMBhFy88
<input type="checkbox"/> 3	NEW MOVIE TRAILERS (2	https://youtu.be/LbSeaed26SI

2.3.1. Add TMDB Movie

New Movie TMDB import

Movie at: Movie Name:

☐ File ☒ Folder

Category:

Rent Point: Buy Point:

Media Source:

Icon Path:

Description:

TMDB poster import

1. Monut google driver to ezserver_XXXXXX/media/videos/gdrive
2. Each folder inside gdrive has only one movie (.mp4, .mkv, .ts).
3. Folder name is same as TMDB movie name.
4. Select Folder option.
5. Ezserver will auto get TMDB Poster path and Movie Description.



2.3.2. Upload Local movies

1. Click Movies:Upload Movies

Media Source	Icon Path
file:///middleware/videos/Sports/1.mp4	file:///middleware/pictures/Sports/1.jpg
file:///middleware/videos/Kids/1.flv	file:///middleware/pictures/Kids/1.jpg

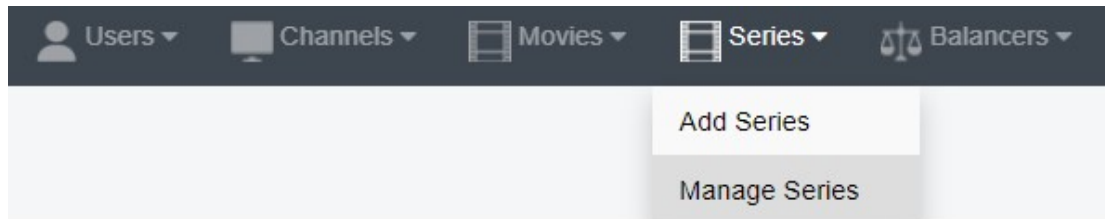
2. Click **Choose Files** to select new.m3u and click **Submit** button.

Upload Movies

File : No file chosen



2.4 Series Management



<input type="checkbox"/>	Series Name ▲ ▼	Category ▲ ▼
<input type="checkbox"/>	1 13 Reasons Why	R SERIES
<input type="checkbox"/>	2 ROMAN EMPIRE	Series2
<input type="checkbox"/>	3 THE KOMISKY METHOD	R SERIES

Showing 1 to 3 of 3 series

New Series

Series at	<input type="text" value="4"/>	Series Name :	<input type="text" value="new1"/>
Category :	<input type="text" value="Series2"/>	Season No. :	<input type="text" value="4"/>
Rating :	<input type="text"/>	Released Date :	<input type="text" value="12/12/2022"/>
Icon Path :	<input type="text" value="file://media/pictures/action/1.jpg"/>		
Description :	<div><div>1234</div><div></div></div>		



2.5 EPG Management

DashBoard

Users

Channels

Movies

Series

EPG

Channel

1

2022

Add Channel

Manage Channels

Manage EPG

No.	Start Time	Stop Time
1	06:41	06:50
2	2022/05/04 00:25:00	2022/05/04 00:30:00
3	2022/05/04 00:30:00	2022/05/04 02:20:00

There are 3 ways to add EPG to Ezserver, one is from XMLTV URL, the other is from UDP Stream, another is manual insertion.

XMLTV URL

XMLTV EPG URL

http://www.ezhome.tech.com/~kario/iptv/epg.xml

System Setting:

Max. Streaming No.

1000

Pagination Limit Number

System Log Lines

1000

Admin. System Log Lines

Security Setting:

Alert Player Duration

0.001

Blacklist Option

Save

Management

User Agent

Blacklist

Statistics

Setting



UDP Stream

Add channels by multicast URL as below and enable MPEG EPG Extraction option

<input type="checkbox"/>	Channel Name ▲▼	Media Source	
<input type="checkbox"/>	1 Euronews	udp://239.0.0.4:1234	[
<input type="checkbox"/>	2 Eurosport	udp://239.0.0.5:1234	[
<input type="checkbox"/>	3 HSE24 Extra	udp://239.0.0.6:1234	[
<input type="checkbox"/>	4 Kabel 1	udp://239.0.0.8:1234	[

Channel Streaming Prebuffer No.	<input type="text" value="2000"/>	
Channel Reconnection Interval	<input type="text" value="6"/>	
<div><div>MPEG EPG Extraction</div><div><input checked="" type="checkbox"/></div></div>		

Pagination Limit Number	<input type="text" value="100"/>	
Admin. System Log Lines	<input type="text" value="1000"/>	



Manual insertion

Select DAILY, MONDAY, or others with Start time, then Ezserver will record video by the option into local storage and insert the video into Movie menu.

New Program

Program No.	<input type="text" value="1"/>	Record by	<div>DAILY ▼<div>ON DAILY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY</div></div>
Start Time	<input type="text" value="18:00"/>	Stop Time	
Title	<input type="text"/>	Icon URL	
Description	<input type="text"/>		

Add

Cancel



2.6 User Agent Management

Series ▾

Balancers ▾

Management ▾

User Aget

Blacklist

Statistics

Setting

☐ ed Mode ☐ Accepted Mode

No.	Player Name	
1	stagefright	
2	vlc(linux;)	
3	VLC6	
4	NSPlayer	

New User Agent

User Agent:

Add

Cancel



2.7 Reseller Management

DashBoard

Users

Channels

Movies

Series

Reseller

No.

1

2

3

4

5

6

Add User

Manage Users

Add Group

Manage Groups

Add Reseller

Manage Resellers

Email

@gmail.com

@gmail.com

1@gmail.com

1@gmail.com

@gmail.com

@gmail.com

sr3

sr4

New Reseller

No.

7

Total Credit :

1000

Name :

susan

Password :

1234

Group

golden

Level:

Reseller

Expired Time :

12/31/2024

Email:

susa@gmail.com

Auto Renew

ON

Add

Cancel



3 Reseller Panel

Input URL: **http://domain:port/reseller/index.htm** in Chrome

- **Super reseller** can create, modify and delete Resellers and users

<input type="checkbox"/>	User Name	Password	Group
<input type="checkbox"/> 1	e1	1304693446	basic
<input type="checkbox"/> 2	e2	1304693446	basic
<input type="checkbox"/> 3	e3	1304693446	basic
<input type="checkbox"/> 4	e4	1304693446	basic

- **Reseller** can create, modify and delete users only.

<input type="checkbox"/>	User Name	Password	Gr
<input type="checkbox"/> 1	rt51	9091880686	basic
<input type="checkbox"/> 2	rt52	9091880686	basic
<input type="checkbox"/> 3	rt53	9091880686	basic



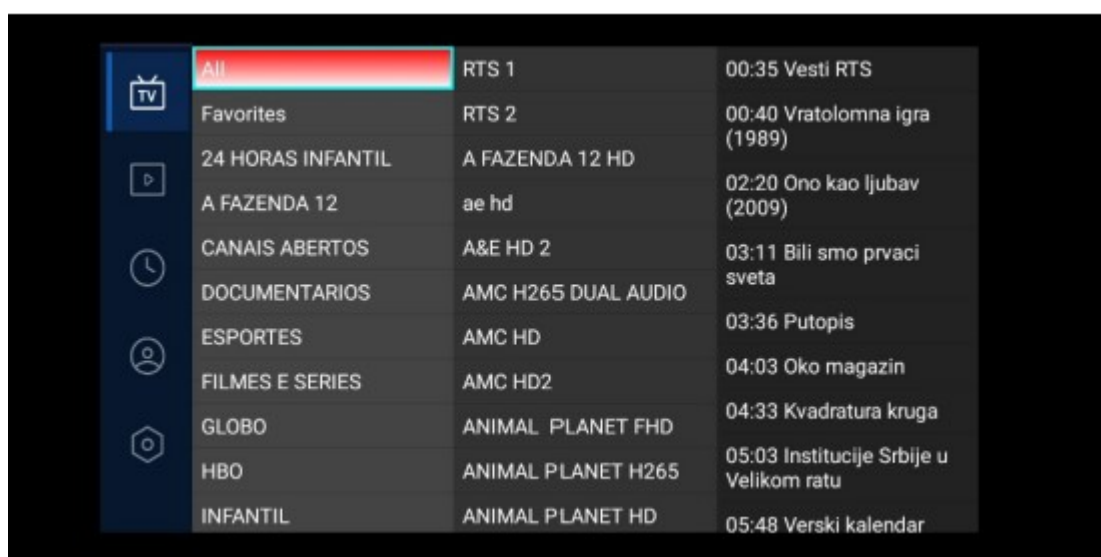
4 DSP Players

DSP Player is an **Blockchain P2P Player** that plays channels, movies and series from Ezserver for internet users.

Features:

- **TV, Movie and Series**
- **Support Youtube Channel Links**
- **EPG and Catch up TV**
- **Parent Control of adult content**
- **MAC ID Protection**
- **Channel Video Format: MPEG2/H264 Transport Stream**
- **Channel Audio Format: MP3/AAC, ADTS Stream**
- **Movie Format: MP4, MKV**

Main Menu





Account activation supports 3 options as below:

Account

Activation Required

Activate by code

Login User/Password

Activate by Mac Address

Cancel

- **Activate by code:** Login by Active code with device mac address
- **Login User/Password:** Login by User name and password
- **Activate by Mac Address :** Login by device mac address.

Activate by code

Activation code

1234567890

Activated



Login User/Password

User name






test

Password

.....

Login

Setting

 Content	Refresh
 Auto Start	ON
 Current Version	v3.1.166
 Channel Player	VLC
 Movie Player	VLC

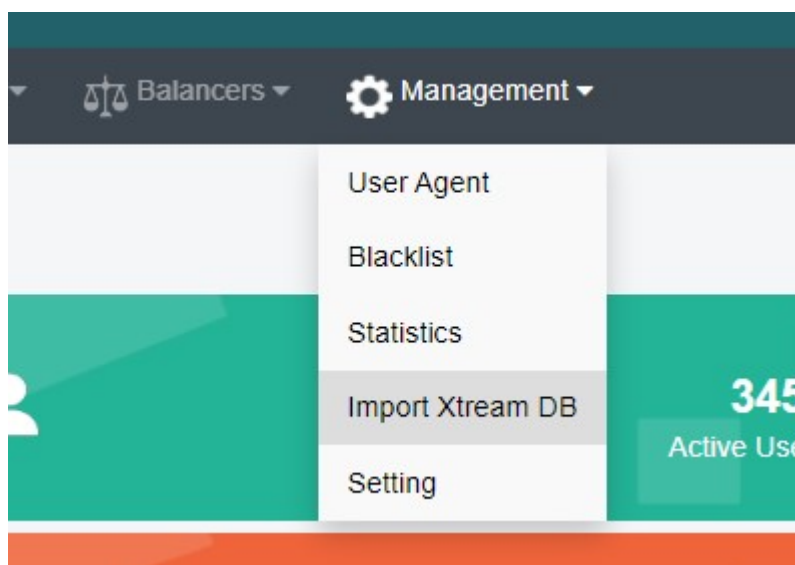
- **Refresh button** : Refresh content
- **Auto Start** : Enable App start when android device power on
- **Channel / Movie Player** : Support VLC and Exo Player



5 Other Panel to Ezserver

Migrate Xtream Users and Resllers to Ezserver

- Click management:Import Xtream DB button



- Upload xstream IPTVpro.sql
- Click Submit button

Import Xtream DB

Local File :

Choose Files xstream IPTVpro.sql

Submit

Cancel

***** Restart ezserver after import xtream DB. *****



6 Blockchain Node Setting

The blockchain network consists of 4 pivotal nodes, each playing a crucial role in ensuring a robust and secure ecosystem for content delivery. These nodes are **User Server**, **Content Server**, **Proxy Server** and **Reverse Proxy Server**

- **User node** : management user information.
- **Content node** : It can be for channel or movie streaming.
- **Reverse Proxy node** : hide the User.
- **Proxy node** : acts VPN server to hide the User and Content Servers.
- **Proxy node (www.your_domain_name.com)**
 - ✧ Add proxy_server=1 in ezserver_blockchain/ezserver_config.txt
 - ✧ **Delete all users except root and channels, movies and series.**
 - ✧ Enable Main / Slave Node option
 - ✧ Define Control port

Main / Slave Node	<input checked="" type="checkbox"/>	
Control port	<input type="text" value="17100"/>	

- **Reverse Proxy node (www.your_domain_name.com)**
 - ✧ **Delete all users except root and channels, movies and series.**
 - ✧ Enable Main / Slave Node option
 - ✧ Define Control port

Main / Slave Node	<input checked="" type="checkbox"/>	
Control port	<input type="text" value="17100"/>	



- **User Node**

Acts Main node

- ✧ **Delete channels, movies and series.**
- ✧ Enable Main / Slave Node option
- ✧ Define Control port

Main / Slave Node	<input checked="" type="checkbox"/>	<i>i</i>
Control port	<input type="text" value="17100"/>	<i>i</i>

Otherwise (Slave Node)

- ✧ **Delete channels, movies and series.**
- ✧ Disable Main / Slave Node option
- ✧ Input User Node Domain Name
- ✧ Input User Node Control port

Main / Slave Node	<input type="checkbox"/>	<i>i</i>
Main Node Domain Name / IP	<input type="text" value="www.your_domain_name.com"/>	<i>i</i>
Main Control port	<input type="text" value="17100"/>	<i>i</i>

- **Content Node**

- ✧ **Delete all users except root**
- ✧ Disable Main / Slave Node option
- ✧ Input User Node Domain Name
- ✧ Input User Node Control port

Main / Slave Node	<input type="checkbox"/>	<i>i</i>
Main Node Domain Name / IP	<input type="text" value="www.your_domain_name.com"/>	<i>i</i>
Main Control port	<input type="text" value="17100"/>	<i>i</i>



Example:

Main node

Main / Slave Node ☒

Control port

Streaming port

Slave node

Main / Slave Node ☐

Control port

Streaming port

Main Node Domain Name

Main Control port

When a server has full connections, Ezserver invokes Blockchain function to let other servers serve the new connection and shows protocol **BVP** instead of **HTTP** in current server and **BCP** in another server.

System Setting:
Max. Streaming No.

CNN The 1001th connection requests CNN channel, it will be forwarded to one of Europe servers.

On Demand ☒ HLS ☐

Channel SID EPG Channel ID

User Agent Bitrate Tolerance

Catch Up Days Proxy Mode

Input Adapter AES Encryption ☐

Blockchain Region Blockchain Group ID

2nd URL




3rd URL



7 DSP Setting

DSP setting sets connection threshold value in order to switch video streaming mode to P2P mode to save server resource load and download bandwidth.

- Administrator sets DSP rate to 0, video streaming is **pure IPTV video streaming**.
- Administrator Sets it to 1, video streaming is **pure P2P video streaming**.

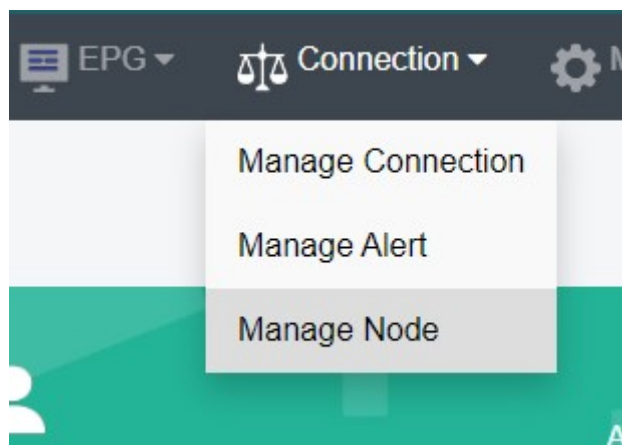
System Setting:		
Max. Streaming No.	<input type="text" value="2000"/>	
Dynamic Streaming Rate (System switches to P2P mode up to 2000 connections.)		Without P2P
Dynamic Streaming Rate (System switches to P2P mode up to 1000 connections.)		With P2P at 1000 con.
Dynamic Streaming Rate (System switches to P2P mode up to 0 connections.)		Full P2P



8 Work Folder

Assign movie and series folder path of Content Nodes in Main server Panel.

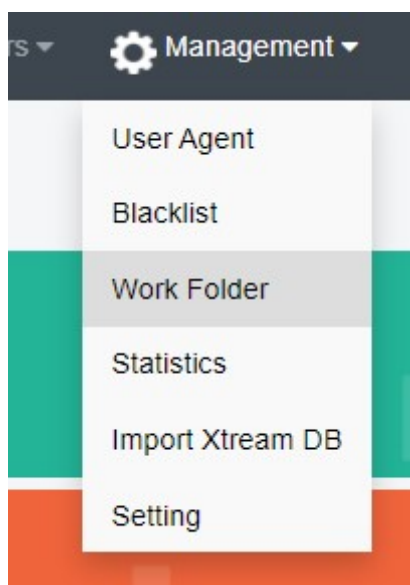
- Check Content Nodes in main server first



Nodes				
No.	Node	Region	Group ID	
1	192.168.0.9	Asia	18000	
2	192.168.0.5	Europe	18000	

Showing 1 to 2 of 2 nodes

- Create Work Folder of Content Nodes in main server





Create Movie Folder

New Folder

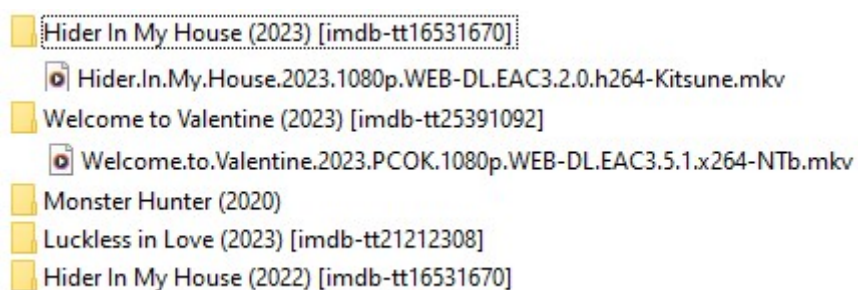
Server Name

Folder Type

Selected path

Enabled ☒

- Add new folder (/home/media) for Movie that ezserver auto refreshes movie per hour



- How to add films into movie folder
 - ✧ Create folder name by movie name
 - ✧ Upload one film into the movie folder



Create Series Folder

New Folder

Server Name

192.168.0.5

▼

Folder Type

Series

▼

Selected path

/home/series

Enabled

☒

Add

Cancel

- Add new folder (/home/series) for Series that ezserver auto refreshes series per hour
- /home/series has the below kinds of files

used US - S01E01 - WEBDL-720p.mkv
used US - S01E02 - WEBDL-720p.mp4
bhagya-lakshmi - S01E05 - WEBDL-720p.mp4
bhagya-lakshmi - S01E04 - WEBDL-720p.mp4
bhagya-lakshmi - S01E03 - WEBDL-720p.mp4
bhagya-lakshmi - S01E02 - WEBDL-720p.mp4
bhagya-lakshmi - S01E01 - WEBDL-720p.mp4