

Ezserver v5.2 Tutorial

Revision: 06/29/24



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<u>1 Ezserver</u>

Ezserver v5.2 is a Hybird IPTV platform that enables you to provide channels by Multicast SPTS/MPTS Streams over FTTH and Unicast over LTE 4G/5G. It efficiently handles both multicast and unicast streams, delivering them as Single Program Transport Streams (SPTS) or Multiple Program Transport Streams (MPTS) to players across the network via multicast distribution. With built-in support for user authentication and channel encryption.

- 1. Ezserver v5.2: Act Multicast video server
- 2. Multicast Player: Multicast encryption player.
- 3. OTT player: Unicast player



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

Related Information:

Ezserver Official website:

http://www.ezhometech.com/

Ezserver User Guide:

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

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1.1 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 viideo:
1. Login ssh by root or sudo user
4. if not version 1.1, reinstall opensel by the instructions.
5. cd /home && wget -O install sh http://www.ezhometech.com/
6. If config //select one network interface for next step
8. Contact sales@ezhometech.com for password.
9. Panel port and Streaming Port must be different.
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@ezhomelech.com for unzip password.
2. Refer Readme.bt in zip file.
3. Double Click Ezserver exe to create serial_number.bd.
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.ext 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_enterprise/serial_number.txt (size: 74bytes) to active Ezserver license.



1.2 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_enterprise folder

- Start:
 - ♦ sudo -i
 - ♦ cd /home/ezserver_enterprise
 - ♦ ./start.sh
- Restart:
 - ♦ sudo –i
 - ♦ cd /home/ezserver_enterprise
 - ♦ ./restart.sh
 - ♦ or Login Panel and Click the below button



wait 30~60 seconds to relogin panel.

- Shutdown:

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- ♦ cd /home/ezserver_enterprise
- \diamond ./shutdown.sh

1.3 Admin Password

	User	Add User Add Android Device	
		Add MAG STB Password	
		Add Active Code	
			1
	4 Joel 5 Jear	Manar Broups 1000 	2
	6 850	32 Addresseller	5
ser			Add User
lleer ID + 💌	Data		List Owner

1.4 Software Update

- sudo -i
- cd ezserver_enterprise
- ./patch.sh
- input password
- ./restart.sh

1.5 User Authorization for Streaming URL

- Enable user_authorization in ezserver_enterprise/ezserver_config.txt
 - user_authorization=1: Streaming URL with token or username/password.
 - user_authorization=0: Streaming URL without username/password
 - Add username "free" with any password in User List to get content URLs



2. Admin Panel

HTTP Protocol:

Admin Panel Input URL: <u>http://domain:panel_port</u> Ex. http://192.168.0.9:18000/ Reseller Panel URL: <u>http://domain:API_port/reseller/index.htm</u> Ex. http://192.168.0.9:17000/reseller/index.htm

Setting

HTTPS Setting		0		5.	
Panel port	18443	0	API port	17443	0
Streaming port	443	0			
HTTP Setting					
Panel port	18000	•	API port	17000	6
Streaming port	8000	0			

HTTPS Protocol: (Support Ubuntu 20.04 only)

Admin Panel Input URL: <u>http://domain:https_panel_port</u>

Ex. http://192.168.0.9:18443/

Reseller Panel URL: http://domain:https_API_port/reseller/index.htm

Ex. http://192.168.0.9:17443/reseller/index.htm

Setting



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2.1 User Management

n DashBoa	ard	👱 Users 👻 💻 🦷	Channels - Movies	▼ Series ▼
		Add User		
User		Manage Users		
		Add Group	Password	Group▲▼
		Manage Groups	1234	golden 🗸
		Add Reseller	9390973961	basic 🗸
		Manage Resellers	c42fad711688	golden 🗸
		4 test	1234	golden 🗸

User at	300	User Name	new1
Password	4128295961	Rating Password	4128295961
Group	basic	✓ Level	User 🗸
Expired Time	1 month	✓ Connection Limit	1
IP		MAC ID	



New User		MAC I Input	MAC ID : 11:22:33:44:55:66 Input format: 11223445566			
User at	300	User Name	new1			
Password	4128295961	Rating Password	41282955 1			
Group	basic	✓ Level	User 🗸			
Expired Time	1 month	Connection Limit	1			
IP		MAC ID	112233445566			
A	dd		Cancel			

Add trial user

New User		Trial User	
Liner et	200		now1
Useral	300	User Name	newi
Password	4128295961	Rating Password	4128295961
Group	basic	✓ Level	Trial 🗸
Expired Time	1 hour	✓ Connection Limit	1
IP	2 hours 3 hours	MAC ID	112233445566
A	d hours d 5 hours 6 hours		Cancel
N	7 hours		



2.2 Channel Management

2.2.1 Add new channel

1.

n DashBoa	ard	💄 Users 🕶	Cha	nnels 🔻	Movies 🕶	Series
		- 1	Add Cha	innel		
Channel			Manage	Channels		
		Channel Nar	Manage	EPG	Vledia Source	
	0 1	RTS 1		dir://media	/videos/Movie/	
	□ 2	TV3		http://bitcd	n-kronehit.bitmovin.c	:om/v2/r
	□ 3	RTS 2		dir://media	/videos/Movie/	
2.						
Nev	v Ch	annel				
Channel a	at	17	c	hannel Name :	TV1	
Media So	urce :	http://streamk	king.dvrdns.org	:25461/77/YKk	(tfq0vRn/19957	

Icon Path :	https://cdn1.iconfinder.com/data/icons/metro-ui-dock-icon-seticons-			o-ui-dock-icon-seticons-by-d	l.
Category :	Kid	~	Type :	Live	~
				Live	
	Add			Movie	
	Auu			DVR	- 8
				Inactive	- 1
				Delay 5 sec.	- 1



2.2.2 Import channels by m3u link

1. Click Channels: Manage Channels: Import M3U

nt DashBoa	ard	👱 Users 🕶	Cha	nnels 🗸	Movies -	Series
			Add Cha	annel		
Channel			Manage	Channels		
		Channel Nar	Manage	EPG	Vedia Source	
	0 1	RTS 1		dir://media/	videos/Movie/	
	2	TV3		http://bitcdn	-kronehit.bitmovin.c	om/v2/r
	□ 3	RTS 2		dir://media/	videos/Movie/	

2. Click Import M3U

No Filter 🕶	20	~	Add Channel	C	-
					Multi Refresh
					Import M3U
					Export as XML
					Transcoder

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

hannel after	3	Options	Cache on demand 🗸
13U from HTTP	URL or Local File		
	http://oop.ori	n:nort/act.php@ucorp.ama=to.st@pa	accurate 12248 output magazite

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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: <u>http://ezserverIP:panel_port/new.m3u</u>
- Login panel to check it again.

2.2.3 All SD, HD, FHD channels setting

Click Panel Setting.

甲、 SD channel (~2Mbps)

hannel Setting:		
Channel Input Buffer No.	8000	0
DVR Duration	60	0
Video Input Quality	SD 💽	

\angle \checkmark HD / FHD channel (above 4Mbps)

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Channel Setting:		
Channel Input Buffer No.	20000	0
DVR Duration	60	0
Video Input Quality	SD 🗲	HD (0.99)

2.2.4 Single SD, HD, FHD channel setting

Click Panel Channel Management: Edit button of the channel.

1. SD channel (~2Mbps)

Buffer Size	8000	Bitrate Tolerance	0	0

2. HD / FHD channel (above 4Mbps)

Buffer Size	20000	Bitrate Tolerance	0.99	0
-------------	-------	-------------------	------	---

2.2.5 Daily Refresh Channel

- Add channel_refreh=1 in ezserver_enterprise/ezserver_config.txt.
- Run ./restart.sh to restart ezserver
- Ezserver will refresh all channels at 00:00 AM per day.



2.3 Movie Management

	bard	Users 🕶	Channel	s 🔻	Movies 🕶	Serie
					Add Movie	
Movie					Manage Movies	
		Movie N	ame 🛦 🔻		Media Source	
	□ <mark>1</mark>	THE BEST UP	PCOMING MC	http	s://youtu.be/uAQFxn2	Ss84
	□ 2	GOLD Trailer	(2022)	http	s://youtu.be/9UHxMB	hFy88
	3	NEW MOVIE	TRAILERS (2	http	s://youtu.be/LbSeaed	26SI

2.3.1. Add TMDB Movie

This option works only for HTTPS Admin Panel.

ls 🔻	Movies 🕶	
	Add Movie	
	Upload Movies	
edia Sc	Manage Movies	



New Movie		Click	here
Movie at File	3	Movie Name Folder	Love
Category	Action 🗸	1	
Rent Point		Buy Point	
Media Source :	file://middleware/videos/S	ports/1.mp4	
Icon Path :			
Description			ß
Ad	ld		Cancel

New Movie	Click Here	
Movie at O File	3 Movie Name Love Folder	
Category Rent Point	Action Buy Point	
Media Source :	file://middleware/videos/Sports/1.mp4	
Icon Path :	Select a Movie URL	
Description		
Ac	ld Cancel	

Select one option from the list:



New Movie

Movie at	3	Movie Name	Love
O File		Folder	
Category	Action 🗸		
Rent Point		Buy Point	
Media Source :	file://middleware/videos/	/Sports/1.mp4	
Icon Path :	Select a Movie URL		~
	Select a Movie URL		
	Love		
	Love		
Description	Love		
Description	Lóve		
	ลอง ลพ เลพว		
	Love		
	Love		1
	LOVE		
	Ad かぐや様は告らせたい-フ	アーストキッスは終わられ	x11-
	ベイビー・プリンセス 3[0ぱらだいす0[ラブ]	
	Love		

New Movie Movie at 3 Love Movie Name Folder O File Category Action ~ Rent Point **Buy Point** Media Source file://middleware/videos/Sports/1.mp4 Icon Path : https://image.tmdb.org/t/p/w500/pgnVgwrb4sSGhJGDnag3HgmUUTc.jpg Love and Sebastian meet each other by a coincidence at a street in the romantic Swedish summer night. They happen to share the same secret, but their encounter is going to cause severe consequences for the both of them. An innocent flirt soon turns in to a dangerously liaison. Description



2.3.2. Upload Local movies

1. Click Movies: Upload Movies

Channels -	Movies -		Series 🔻	EPG 🔻
	Add Movie			
	Upload Movie	es		
Media Sc	Manage Mov	ies	Icon Path	0 i
file://middleware/video	os/Sports/1.mp4	file://mic	ldleware/pictu	res/Sports/1.
file://middleware/video	file://middleware/videos/Kids/1.flv		Idleware/pictu	res/Kids/1.jp

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

Upload Movies	
File : Choose Files No file chosen	
Upload	Cancel



2.4 Series Management

-	Users 🔻	Channels -	Movies 🕶	Series - Balancers -
				Add Series
				Manage Series
		Series Name ▲ ▼		Category ▲ ▼
	1	13 Reasons Why		IR SERIES
	2	ROMAN EMPIRE		Series2
	3	THE KOMISKY METH	IOD	IR SERIES
5	Showing 1 to 3 of	3 seriess		

	4	Series Name :	new1
Category :	Series2	Season No. :	4
Rating :		Released Date :	12/12/2022
Icon Path :	file://media/picture	s/action/1.jpg	
	1234		
Description :			
Description :			



2.5 EPG Management

nt DashBoard	Lusers 🕶	Channels 🗸	Movies 🕶	Series 🕶
		Add Channel		
EPG		Manage Channels		
Channel 1 🗸	2022 🗸	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	-	🔅 Management	•				
System Setting: Max. Streaming No. System Log Lines	1000]	Pagination Limit Number Admin. System Log Lines			User Agenet Blacklist	
Security Setting:						Statistics	
Alert Player Duration	0.001	0	Blacklist Option			Setting	API po
			Save				



UDP Stream

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



1000

Admin. System Log Lines

0



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

ON
DAILY
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY



2.6 User Agent Management

Series - At Balancers -	🌣 Management 🗸	1
	User Agenet	
	Blacklist	
C	Statistics	ed Mode O Accepted Mode
No.	Player Name	
1	stagefright	Ē
2	vlc(linux;)	<u> </u>
3	VLC6	<u></u>
4	NSPlayer	

New User Agent	
User Agent:	
Add	Cancel



2.7 Reseller Management

nt DashBoard	Lusers -	Channels 🕶	Movies 🕶	Series -
	Add User			
Reseller	Manage Users			
No.	Add Group		Ema	ail
1	Manage Groups		@gmai	l.com
2	Add Reseller		@gmai	l.com
3	Managa Decellers		1@gma	il.com
4	Manaye Reseners		1@gma	il.com
5	sr3		@gmai	l.com
6	sr4		@gmai	l.com

No.	7	Total Credit :	1000
Name :	susan	Password :	1234
Group	golden	✓ Level:	Reseller 🗸
Expired Time :	12/31/2024	Email:	susa@gmail.com
Auto Renew			



3 Reseller Panel

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

• Super reseller can create, modify and delete Resellers and users

nt DashBoa	ırd	Users 🗸	🐴 Reseller 🕶	
			Add Subreseller	
User			Manage Subreselle	ers
		User Name	Password	Group
	□ 1	e1	1304693446	basic 🗸
	□ <mark>2</mark>	e2	1304693446	basic 🖌
	□ <mark>3</mark>	e3	1304693446	basic 🖌
	□ <mark>4</mark>	e4	1304693446	basic 🗸

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

f DashBoard	👱 Users 🗸		
	Add User		
User	Manage User	s	
	User Name	Password	Gr
	1 rt51	9091880686	basic
	2 rt52	9091880686	basic
	3 rt53	9091880686	basic



4 Supported Players

XCIPTV

Select Ezhometech API



• uses Ezserver API port (17000)



IPTV Smater

uses ezserver streaming port (8000) instead of API port (17000)

TEST USER	
test	
••••	Q
/192.168.0.10:8	000
ADD USER	



Mag STB

Use Ezserver API port (17000)

• Add Mag MAC ID into Ezserver IPTV Panel

User at	3	MAC Address	00:1A:A1:24:C8:C9
Password		Rating Password	3245087872
Group	basic	✓ Level	User 🗸
Expired Time	1 month	Connection Limit	1
IP		Device Type	mag

Portal URL is http://domain:17000/c/index.htm

Portal URL	API port inste	ead of ort: 8000
http://192.168.0.101	/000/c/index.htm	
	CANCEL	ок



HTML5 Player

- Add Access-Control-Allow-Origin=* into ezserver_config.txt
- Enable Channel HLS option

	HLS		
	EPG Channel ID	TV1	
Ezhometech(Ezserver/	Bitrate Tolerance	0	
0	Proxy Mode	0	~
107.0.0.1			
	Ezhometech(Ezserver/) 0	HLS EPG Channel ID Ezhometech(Ezserver/ Bitrate Tolerance 0 Proxy Mode	HLS EPG Channel ID TV1 Ezhometech(Ezserver/ Bitrate Tolerance 0 Proxy Mode 127.0.0.1

• Refer the below HTML codes

```
<!-- CSS -->
k href="https://vjs.zencdn.net/7.2.3/video-js.css" rel="stylesheet">
<!-- HTML -->
<video id='hls-example' class="video-js vjs-default-skin" width="400" height="300" controls>
<source type="application/x-mpegURL" src="http://192.168.0.10:8000/TV1.m3u8?u=robert:p=1234">
</video>
<!-- JS code -->
<!-- If you'd like to support IE8 (for Video.js versions prior to v7) -->
<script src="https://vjs.zencdn.net/ie8/ie8-version/videojs-ie8.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/videojs-contrib-hls/5.14.1/videojs-contrib-hls.js"></script>
<script src="https://vjs.zencdn.net/7.2.3/video.js"></script>
<script>
var player = videojs('hls-example');
player.play();
</script>
```



5 M3U / M3U8 URL for Players

5.1 M3U List API

- Go to User menu
- Select m3u(getlink API)

Group▲▼		Channel	List
golden	~		~
golden	~		~
golden	~	12.3	~
golden	~		~
golden	~	 Enigma	
basic	~	Enigma 1.6 Enigma(RT)	MP)
basic	~	Enigma 1.6(Enigma(chn	RTMP) o)
golden	~	Enigma 1.6(chno) Enigma(RTMP/chno)	
golden	~	Enigma 1.6(m3u	RTMP/chno)
basic	~	m3u(getlink)	

Copy the URL to players



5.2 M3U8 List API

• Enable Channel HLS option

	HLS		
	EPG Channel ID	TV1	
Ezhometech(Ezserver/	Bitrate Tolerance	0	
0	Proxy Mode	0	v
127.0.0.1			
	Ezhometech(Ezserver/) 0	HLS EPG Channel ID Ezhometech(Ezserver/ Bitrate Tolerance 0 Proxy Mode	HLS TV1 EPG Channel ID TV1 Ezhometech(Ezserver/ Bitrate Tolerance 0 0 Proxy Mode 0

- Go to User menu
- Select m3u8(getlink API)

Channel List		Mo
m3u(chno with suffix) m3u(chname with suffix) m3u(RTMP) m3u8	•	
m3u8(getlink API) m3u8(No Encoded)		

Copy the URL to players



<u>6 DBTool</u>

Migrate Xtream UI / XUI-One Users and Resllers to Ezserver

- cd /home/ezserver_enterprise
- ./dbtool or ./dbtool dbname
- ex. 1 (default file: xtream_iptvpro_xui)
- ./dbtool
- ex. 2 your dbname
- ./dbtool xtream_iptvpro_xui.sql
- ./restart.sh

*** Restart ezserver after dbtool execution ***



7 PHP Script Integration

Support php script into **ezserver_enterprise/php** folder. It lets you code php scripts for integration with Ezserver.

- sudo apt update
- sudo apt install php
- test PHP
 - ♦ php –v
- upload .php files into ezserver_enterprise/php folder



8 Multicast Setting

Multicast Setting:

• Set Multicast output IP and Port

Ezserver		
	Save	
(3) Setting	Multicasting Streaming Setting	g:
	6. Multicast IP :	225.1.1.1
	7. Multicast port:	9001

Add users:

• Add annie user with max connection value 1.

User at	17	Serial Number	annie
Password		Rating Password	736883522
Group	basic	✓ Level	User 🗸
Expired Time	1 month	Connection Limit	1
IP		Device Type	android

Encryption Setting:

- Defined at hls_multicast_aes of ezserver_config.txt
 - hls_multicast_aes=0 (No encryption)
 - hls_multicast_aes=1 (low encryption)
 - hls_multicast_aes =2 (high encryption)



9 Multicast Player

Multicast Player is a **multicast encryption player** for local network users that plays channels,

movies and series from Ezserver.

Features:

- Save Server Bandwidth
- TV, Movie and Series
- EPG and Catch up TV
- Parent Control of adult content
- Channel Video Format: MPEG2/H264 Transport Stream
 - Channel Audio Format: MP3/AAC, ADTS Stream
- Movie Format: MP4, MKV

Hardware Reqirement:

• Min. Requirement: Above 1.0GHz, 1GB RAM, 802.11 a/b/g/n.

Software Reqirement:

• Android 5.0+

Server IP and Port Setting:

	www.ezhometech.com	
Domain name :	192.168.0.10	
Port :	17000	

Player Home:

	All	RTS 1	00:35 Vesti RTS
	Favorites	RTS 2	00:40 Vratolomna igra
	24 HORAS INFANTIL	A FAZENDA 12 HD	(1989)
	A FAZENDA 12	ae hd	02:20 Ono kao Ijubav (2009)
	CANAIS ABERTOS	A&E HD 2	03:11 Bili smo prvaci
X	DOCUMENTARIOS	AMC H265 DUAL AUDIO	sveta
	ESPORTES	AMC HD	03:36 Putopis
	FILMES E SERIES	AMC HD2	04:03 Oko magazin
	GLOBO	ANIMAL PLANET FHD	04:33 Kvadratura kruga
	НВО	ANIMAL PLANET H265	05:03 Institucije Srbije u Velikom ratu
	INFANTIL	ANIMAL PLANET HD	05:48 Verski kalendar

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10 Work Folder

Assign Balancer movie and series folder path in Main server Panel.

- Add balancers in main server first
- Refresh movies and series per hour or manually



Server Name	BL1	~
Folder Type	Movie	~
Selected path	media/videos/upload	
Enabled		



Create Movie Folder

New Folder	
Server Name	192.168.0.5
Folder Type	Movie
Selected path	/home/media
Enabled	
Add	Cancel

- Add new folder (/home/media) in Blancers
- Upload mp4 files into /home/media as below syntax

Folder name for movie name to get its TMDB profile

Hider In My House (2023) [imdb-tt16531670]
Upload one film into the folder
Hider.In.My.House.2023.1080p.WEB-DL.EAC3.2.0.h264-Kitsune.mkv
Welcome to Valentine (2023) [imdb-tt25391092]
Welcome.to.Valentine.2023.PCOK.1080p.WEB-DL.EAC3.5.1.x264-NTb.mkv
Monster Hunter (2020)
Luckless in Love (2023) [imdb-tt21212308]
Hider In My House (2022) [imdb-tt16531670]

• System automatically refreshes hourly movie work 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) in Content Node
- Upload mp4 files into /home/series as below syntax

Filename syntax: Series name - episodes name - xxx.mp4

- 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 S01E02 WEBDL-720p.mp4
 bhagya-lakshmi S01E01 WEBDL-720p.mp4
- ezserver automatically refreshes hourly series work folder



11 Middleware

Ezserver middleware platform grants users access to live TV channels, on-demand video content, and additional features like electronic program guides. Our platform is designed to seamlessly support various protocols and technologies, including HLS, HTTP, and HTTPS, ensuring smooth content streaming across a wide array of devices and platforms. Currently compatible with Google Chrome, Microsoft Edge, Apple Safari, FireFox, Android STB / Smarter TV and LG Smarter TV, it offers a flexible and user-friendly experience for diverse viewing preferences.

<u>Main Menu</u>



For Android STB, Smarter TV, and LG Smarter TV, users are required to install the Ezserver Player on these devices to access the full range of features and enjoy seamless IPTV streaming.

Middleware URL: http://domain:panel_port/w/

Ex. http://192.168.0.9:18000/w/

Note: For Internet Browser use: Need to enable Channel HLS option

On Demand		HLS		
Channel SID		EPG Channel ID	TV1	
User Agent	Ezhometech(Ezserve	er/ Bitrate Tolerance	0	
Catch Up Days	0	Proxy Mode	0	~
Innut Adapter	127.0.0.1			