Ezserver Video Conference

WebRTC for Web Browser

Revision: 07/16/2022
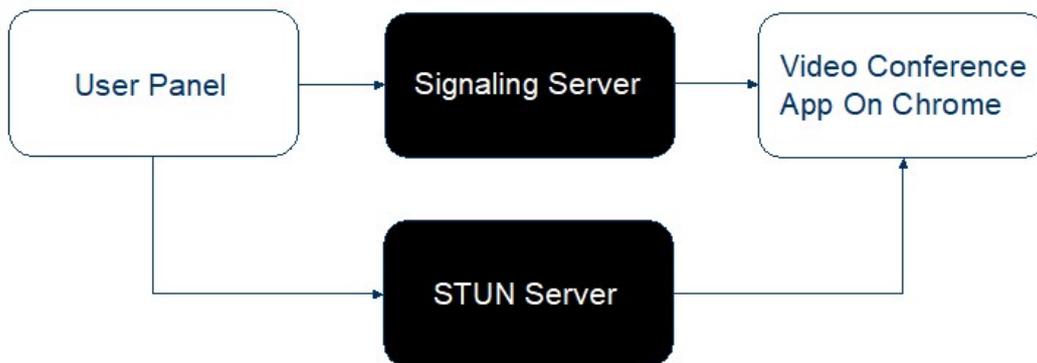
Content

1 Overview

Ezserver Video Conference powered by Ezserver using WebRTC protocol on Web Browser as Chrome. It contains the below:

1. **Ezserver:** Act Signaling and Stun Server that works with full-cone NAT,(Address)-restricted-cone NAT.Port-restricted cone NAT.
2. **WebRTC App:**   Video Conference app

1.1 Related Information

Ezserver Forum:

https://ezserver.createaforum.com/

Ezserver Server API website

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

Ezserver Client API website:

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

Ezserver User Guide website:

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

NAT Type

https://en.wikipedia.org/wiki/Network_address_translation

2 Installation

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.

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.

Note: **Windows version with multiple network cards**

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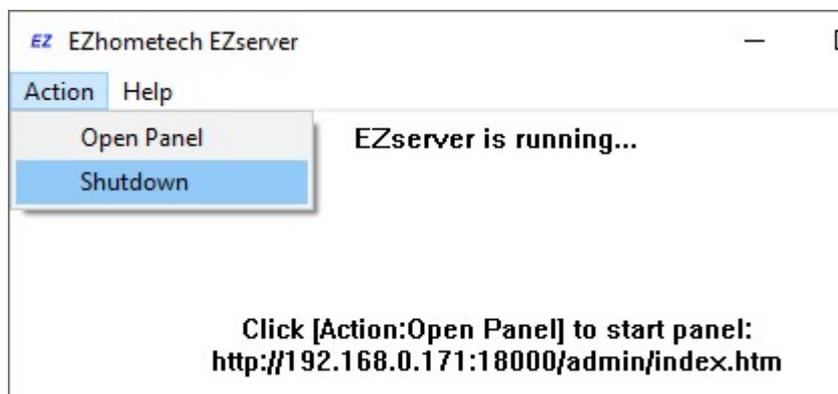
3 Start / Restart / Shutdown

Windows version:

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

  wait 30~60 seconds to relogin panel.

- Shutdown:

Linux: ezserver at /home/ezserver_enterprise folder

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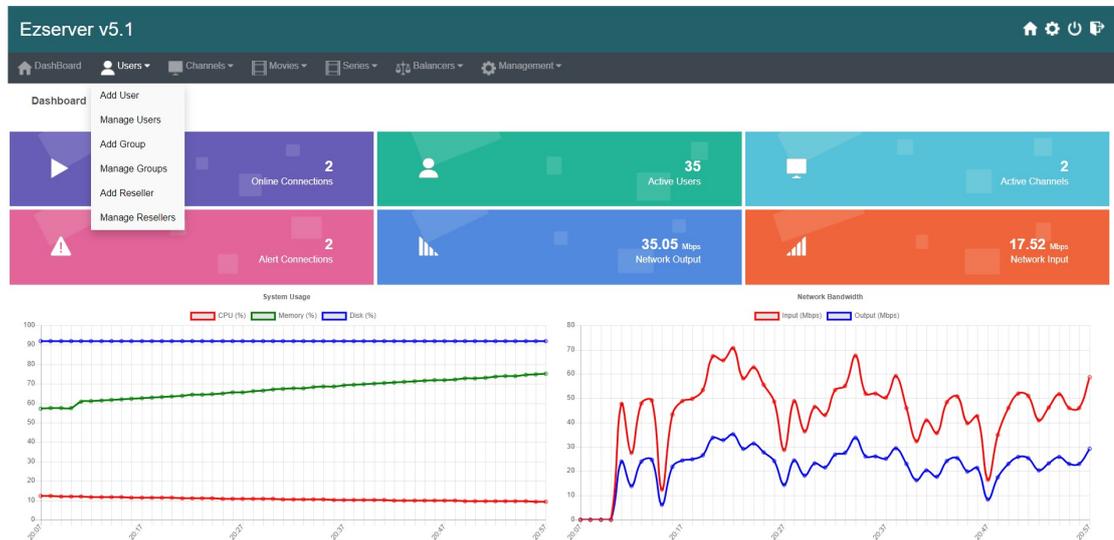 - or Login Panel and Click the below button

  wait 30~60 seconds to relogin panel.

- Shutdown:
  - cd /home/ezserver_enterprise
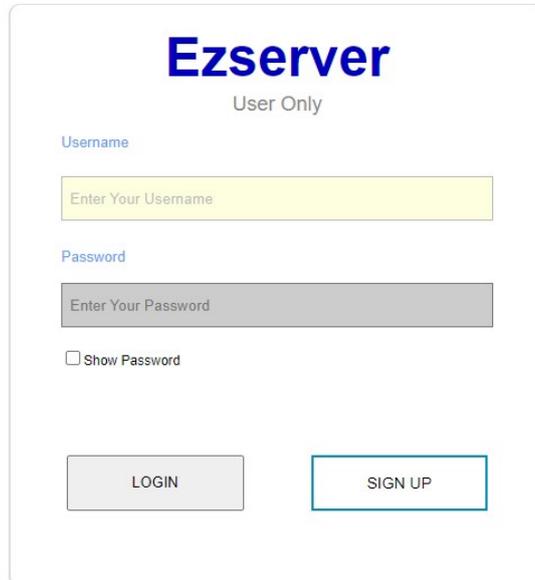 - ./shutdown.sh

4 Administrator Panel

Input URL: **http://domain:port** in Chrome

- **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
- **Balcklist management:** show and delete Locked IP.
- **Load Balancer management:** create, modify, and delete balancers.
- **Statistics:** show Channel and Movies watched information.
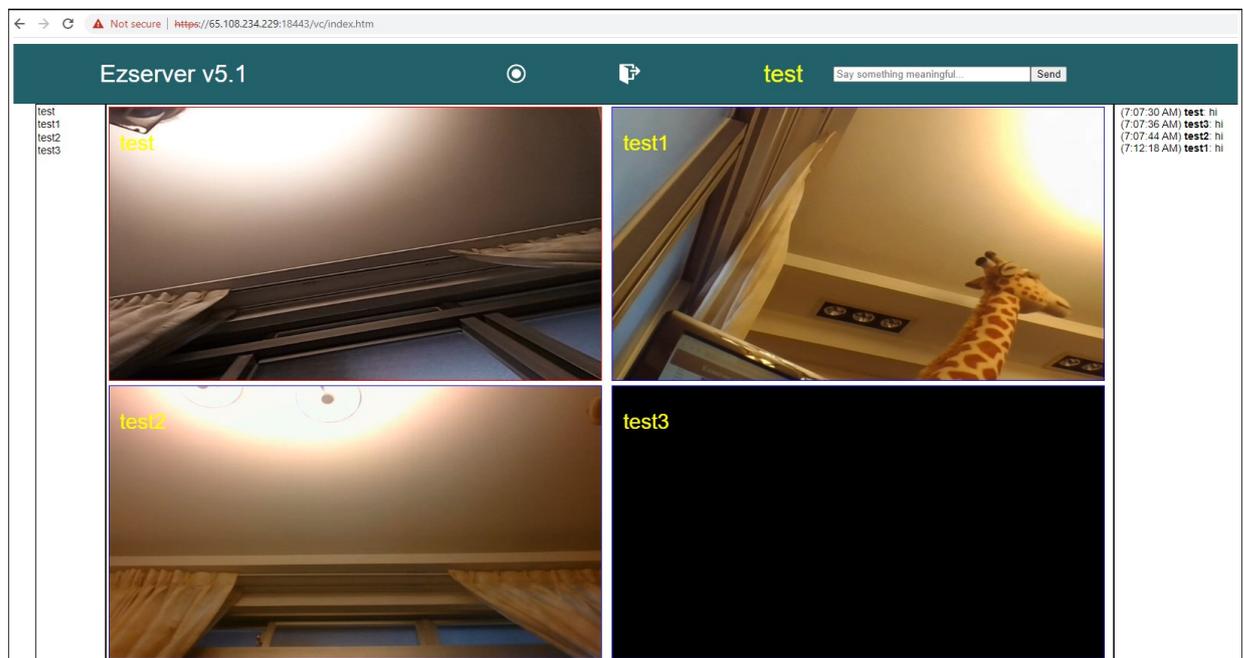- **Setting**

5 Video Conference App

The App runs on Web Browser as Chrome as below:

It contains user list window, video windows, chat list window.

Features:

- **Web-Based App**
- **Dynamic Video windows**
- **Support websocket and WebRTC**
- **Support Chat windows**