

# Quick deployment and testing of the server

1. Install CentOS 7 x86\_64 to the server that matches the following minimum specifications:

- 2 gigabytes of RAM
- 10 gigabytes of disk space
- 1 CPU core

or use a VPS with similar characteristics.

2. Specify the name of the server in `/etc/host` and check its availability using the command

```
ping $HOSTNAME
```

3. Install `wget`

```
sudo yum install wget
```

4. Install `java`

```
sudo yum install java
```

5. Download the installation package of last stable `WebCallServer` version from [this page](#), for example:

```
wget https://flashphoner.com/downloads/builds/WCS/5.2/FlashphonerWebCallServer-5.2.xxxx.tar.gz
```

Where `xxxx` is build number of last stable `WebCallServer` version

6. Install `WCS`:

```
tar -xvzf FlashphonerWebCallServer-5.2.xxxx.tar.gz
cd FlashphonerWebCallServer-5.2.xxxx
sudo ./install.sh
```

Where `FlashphonerWebCallServer-5.2.xxxx.tar.gz` is the downloaded on step 6 file name.

8. Activate a [commercial](#) or a [30-days trial](#) license:

```
cd /usr/local/FlashphonerWebCallServer/bin
sudo ./activation.sh
```

9. Configure the firewall of the server and NAT (if available):

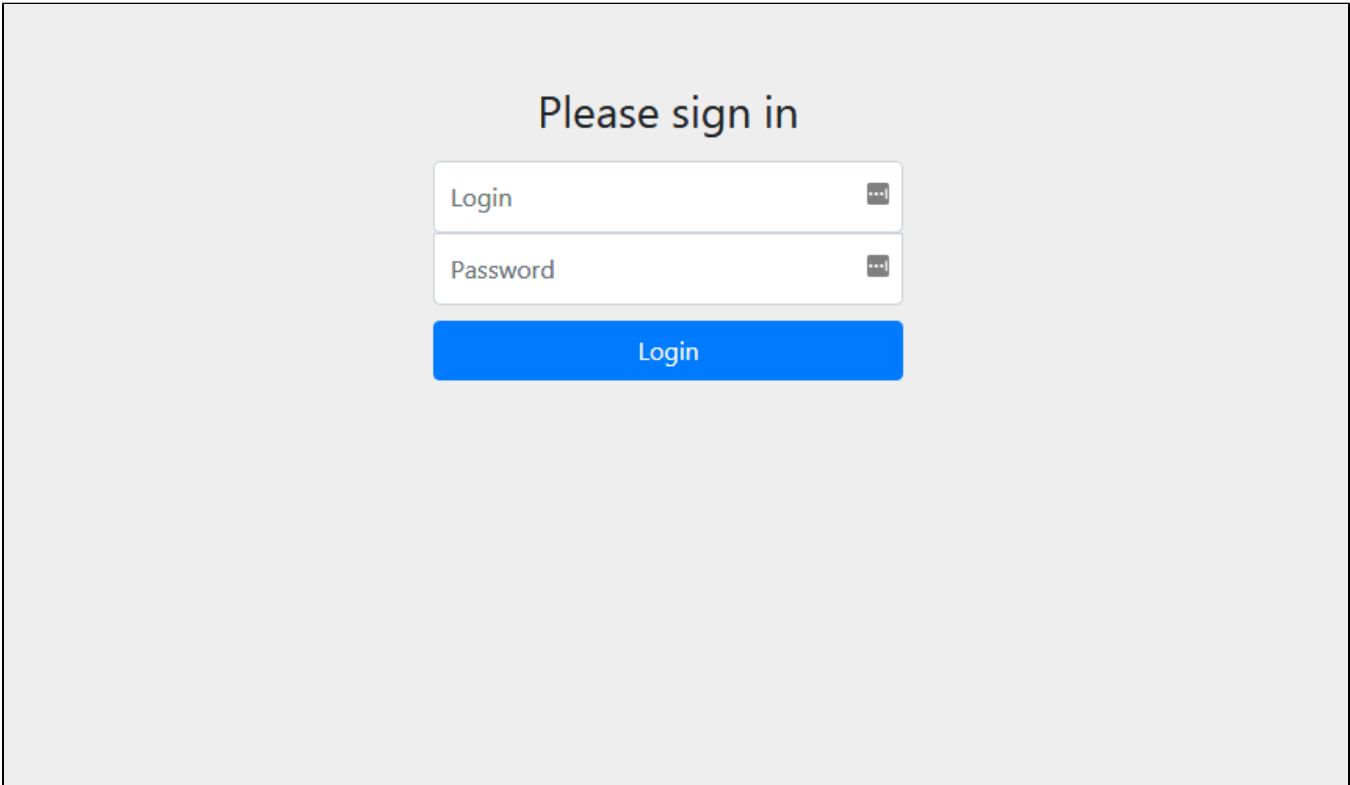
Type	Protocol	Port Range	Source
Custom UDP Rule	UDP	30000-33000	0.0.0.0/0
Custom TCP Rule	TCP	8444	0.0.0.0/0
Custom TCP Rule	TCP	8443	0.0.0.0/0
Custom TCP Rule	TCP	30000-33000	0.0.0.0/0
Custom TCP Rule	TCP	1935	0.0.0.0/0

10. Run `WCS`

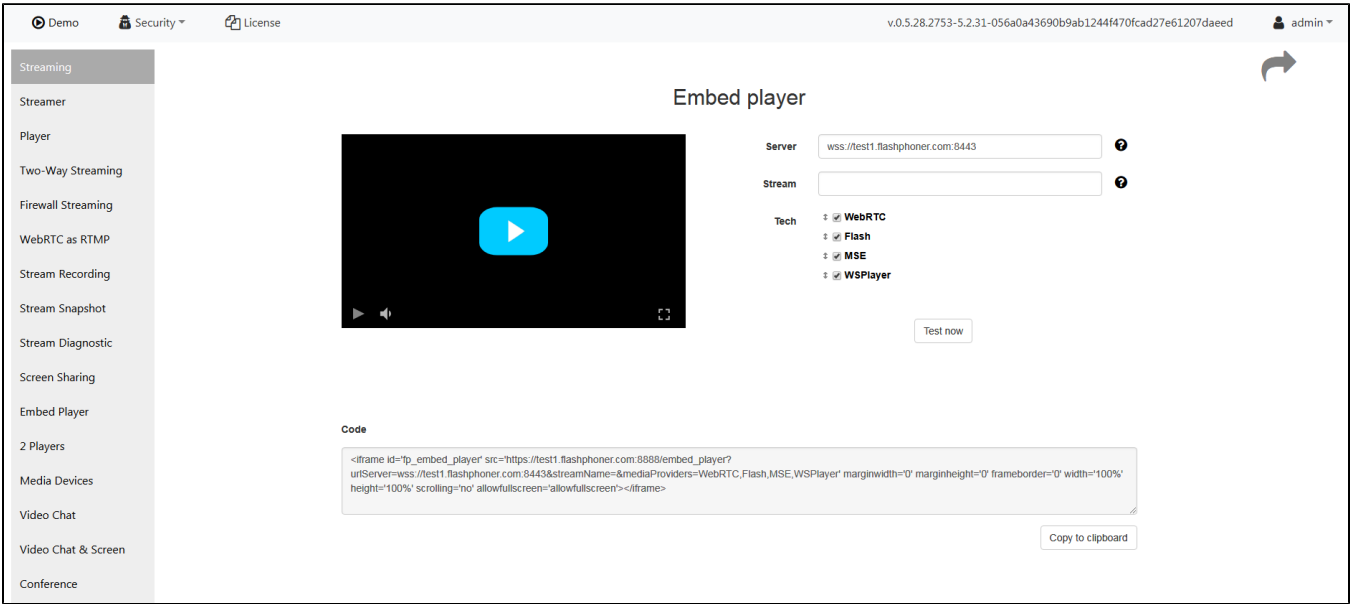
```
sudo systemctl start webcallserver
```

11. Open the link `https://yourserver:8444/` in a browser and confirm the security exception.

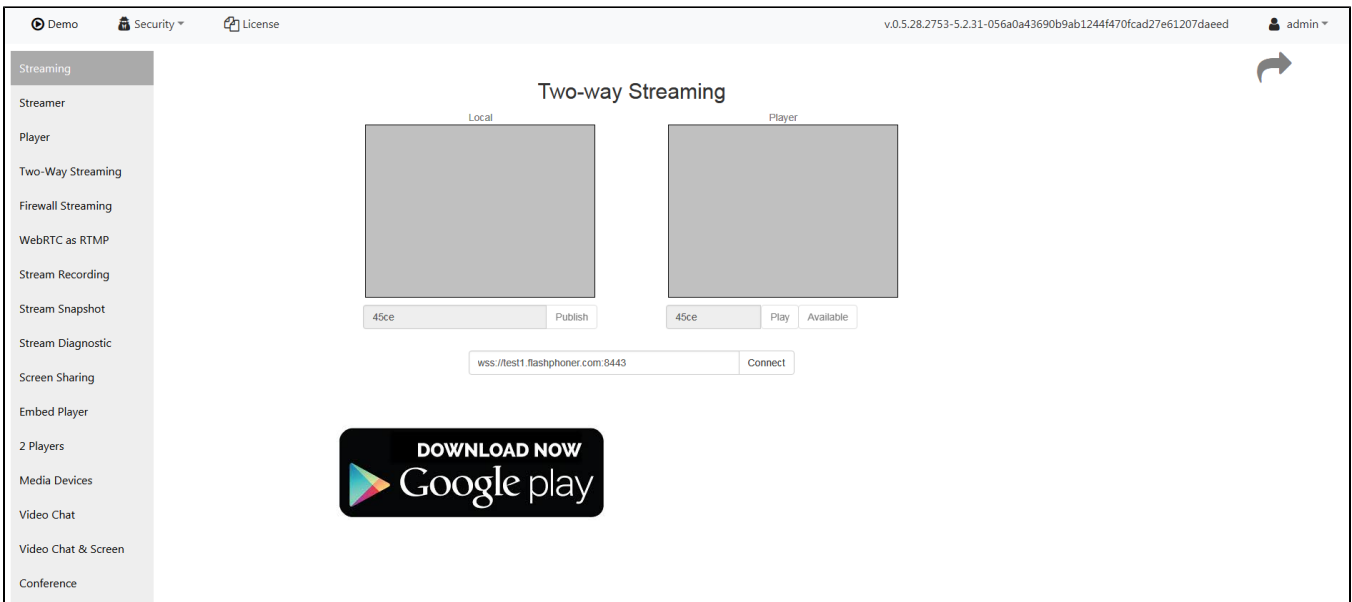
12. Login to the `WCS` web interface (user `admin`, password `admin`):



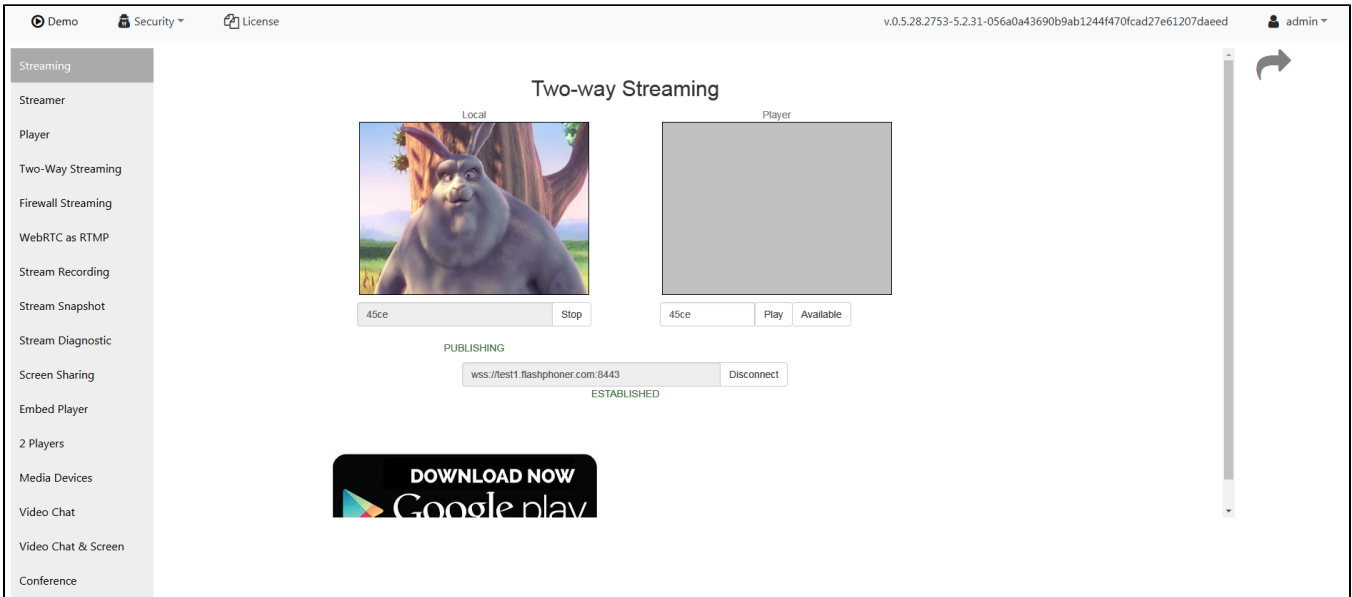
After successful authorization, WCS web interface with the Embed Player application opens



Select "Two-Way Streaming". The corresponding web application opens:



Click the Connect button, then the Publish button to verify stream publishing from a web camera.

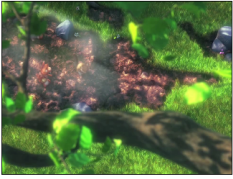


Click Play to check if the stream is played from the server

Demo Security License v.0.5.28.2753-5.2.31-056a0a43690b9ab1244f470fca27e61207daeed admin


### Two-way Streaming

Local Player



45ce Stop

Player



45ce Stop Available

PUBLISHING PLAYING

wss://test1.flashponer.com:8443 Disconnect

ESTABLISHED

**DOWNLOAD NOW**  
Google play

Streaming

- Streamer
- Player
- Two-Way Streaming
- Firewall Streaming
- WebRTC as RTMP
- Stream Recording
- Stream Snapshot
- Stream Diagnostic
- Screen Sharing
- Embed Player
- 2 Players
- Media Devices
- Video Chat
- Video Chat & Screen
- Conference

If all steps were successful, WebCallServer is installed and is ready to work.