

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

```
yum install wget
```

4. Install java

```
yum install java
```

5. Install epel-release and haveged

```
yum install epel-release
yum install haveged
haveged chkconfig on
haveged
```

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

```
wget https://flashphoner.com/downloads/builds/WCS/5.1/FlashphonerWebCallServer-5.1.xxxx.tar.gz
```

Where xxxx is build number of last stable WebCallServer version

7. Install WCS:

```
tar -xvzf FlashphonerWebCallServer-5.1.xxxx.tar.gz
cd FlashphonerWebCallServer-5.1.xxxx
./install.sh
```

WhereFlashphonerWebCallServer-5.1.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
./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	8888	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

```
service webcallserver start
```

11. Open the link <https://yourserver:8888/> in a browser and confirm the security exception, set a password for the admin user.

12. Login to the WCS web interface:

Please enter username and password

Username

Password

☐ Remember Me

Login

By default, the Embed Player application opens

Demo

Security

Monitoring

License

v. 0.5.28.2747 - 5.0.2991 Logout

Streaming

Streamer

Two-Way Streaming

Firewall Streaming

WebRTC as RTMP

Stream Recording

Stream Snapshot

Stream Diagnostic

Screen Sharing

Embed Player

Player

2 Players

Embed player

Server

wss://p11.flashphoner.com:8443

Stream

Tech

☒ WebRTC

☒ Flash

☒ MSE

☒ WSPlayer

Test now

Code

```
<iframe id="ifc_embed_player" src="https://p11.flashphoner.com/8888/embed_player?..."
```

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

Demo

Security

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v. 0.5.28.2747 - 5.1.3061

Logout

Streaming

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Two-Way Streaming

Firewall Streaming

WebRTC as RTMP

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Screen Sharing

Embed Player

Player

Two-way Streaming

Local

Player

6ef5

Publish

6ef5

Play

Available

wss://p11.flashphoner.com:8443

Connect

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

Demo

Security

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License

v. 0.5.28.2747 - 5.1.3061

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Stream Diagnostic

Screen Sharing

Embed Player

Player

Two-way Streaming

Local

Player

269f

Stop

269f

Play

Available

PUBLISHING

wss://p11.flashphoner.com:8443

Disconnect

ESTABLISHED

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

Demo

Security

Monitoring

License

v. 0.5.28.2747 - 5.1.3061

Logout

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Embed Player

Player

Two-way Streaming

Local

Player

269f

Stop

PUBLISHING

wss://p11.flashphoner.com:8443

Disconnect

ESTABLISHED

269f

Stop

Available

PLAYING

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