


WCS on Digital Ocean

WCS can be deployed to Digital Ocean from [Digital Ocean Marketplace](#) image. [30 days trial license](#) is automatically activated on first launch. To deploy the server, do the following steps:

1. Open marketplace application [page](#), press Create Flashphoner Web Call Server Droplet

All Solutions > Multimedia Tools

Search for other solutions



Flashphoner Web Call Server

by Flashphoner

VERSION 5.2.133 os CentOS 7.6 NEW

Create Flashphoner Web Call Server Droplet










Description

Web Call Server is a platform for real-time audio and video applications. It is designed primarily for developers who spin up streaming projects such as video chat, webinar, mass broadcasting, web calls, low-latency web and mobile apps. The platform supports all popular today streaming video web-technologies such as WebRTC, Flash, RTMP, RTMFP, RTSP, HLS, MSE, SIP, and Websocket streaming, which allows delivering a video stream to a wide range of browsers and mobile devices. Development tools and APIs: Web SDK, iOS SDK, Android SDK, REST API. General features: low-latency streaming, low-latency CDN, VR streaming, recording, video mixing, screen-sharing, stream snapshots, real-time video transcoding, VOD, SIP calls, etc.

Support Details

Supported By: Flashphoner
Hours: 10am - 8pm GMT+3
Support URL: <https://forum.flashphoner.com/>
Support Email: support@flashphoner.com

2. On droplet creation page, Flashphoner Web Call Server application will be selected in the list

 Django 1:11.11 on 18.04 Details	 Docker 5:18.09.6~3 on 18.04 Details	 Dokku 0.17.9 on 18.04 Details
 FastNetMon 2.0 on Ubuntu 18.04 Details	 FastPanel 1.7 on Debian 9 Details	 Flashphoner 5.2.133 on CentOS 7.6 Details
 Ghost on 18.04 Details	 Gitea 1.8.2 on Ubuntu 18.04 Details	 GitLab 11.80 on Ubuntu 18.04 Details

3. Choose a server capabilities and tariff plan

Choose a plan

STARTER

Standard

PERFORMANCE

General Purpose NEW








CPU Optimized

Standard virtual machines with a mix of memory and compute resources. Best for small projects that can handle variable levels of CPU performance, like blogs, web apps and dev/test environments.

<div>\$5/mo \$0.007/hour</div> <div>1 GB / 1 CPU 25 GB SSD disk 1000 GB transfer</div>	<div>\$10/mo \$0.015/hour</div> <div>2 GB / 1 CPU 50 GB SSD disk 2 TB transfer</div>	<div>\$15/mo \$0.022/hour</div> <div>3 GB / 1 CPU 60 GB SSD disk 3 TB transfer</div>	<div>\$15/mo \$0.022/hour</div> <div>2 GB / 2 CPUs 60 GB SSD disk 3 TB transfer</div>	<div>\$15/mo \$0.022/hour</div> <div>1 GB / 3 CPUs 60 GB SSD disk 3 TB transfer</div>	<div>\$20/mo \$0.030/hour</div> <div>4 GB / 2 CPUs 80 GB SSD disk 4 TB transfer</div>
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4. Choose a region to place a server

Choose a datacenter region

 New York 1 2 3	 San Francisco 1 2	 Amsterdam 2 3	 Singapore 1	 London 1	 Frankfurt 1
 Toronto 1	 Bangalore 1				

5. Select One-Time Password authentication

Authentication ?

☐ **SSH keys**
A more secure authentication method

☒ **One-time password**
Emails a one-time root password to you (less secure)

6. Enter server hostname

Finalize and create

How many Droplets?

Deploy multiple Droplets with the same [configuration](#).

—
1 Droplet
+


Choose a hostname

Give your Droplets an identifying name you will remember them by. Your Droplet name can only contain alphanumeric characters, dashes, and periods.

7. Press Create droplet


Select Project


Assign Droplets to a project

 Flashphoner

Create Droplet

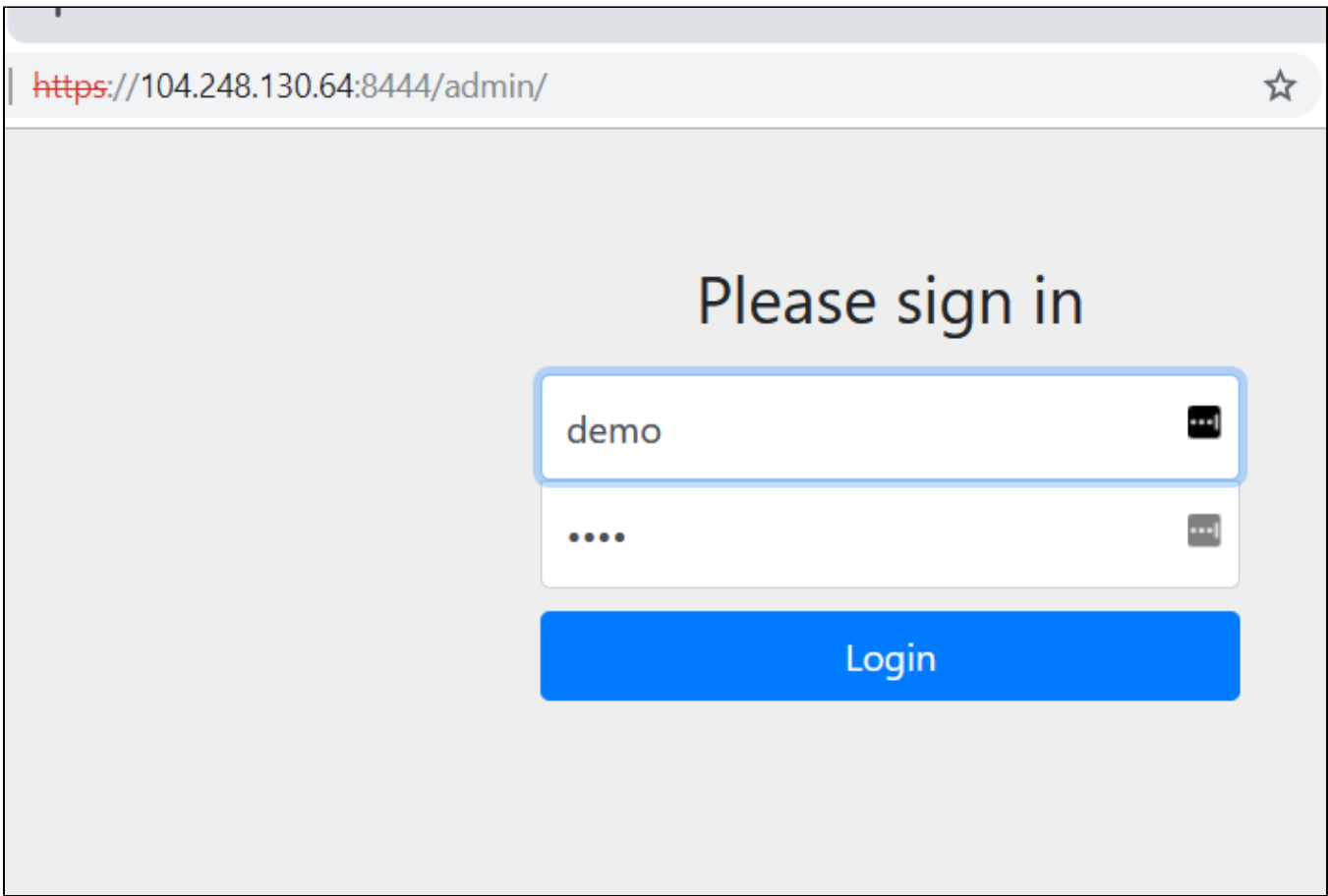
8. After creation, server will be launched


flashphoner-centos-s-1vcpu-2gb-fra1-01
ON

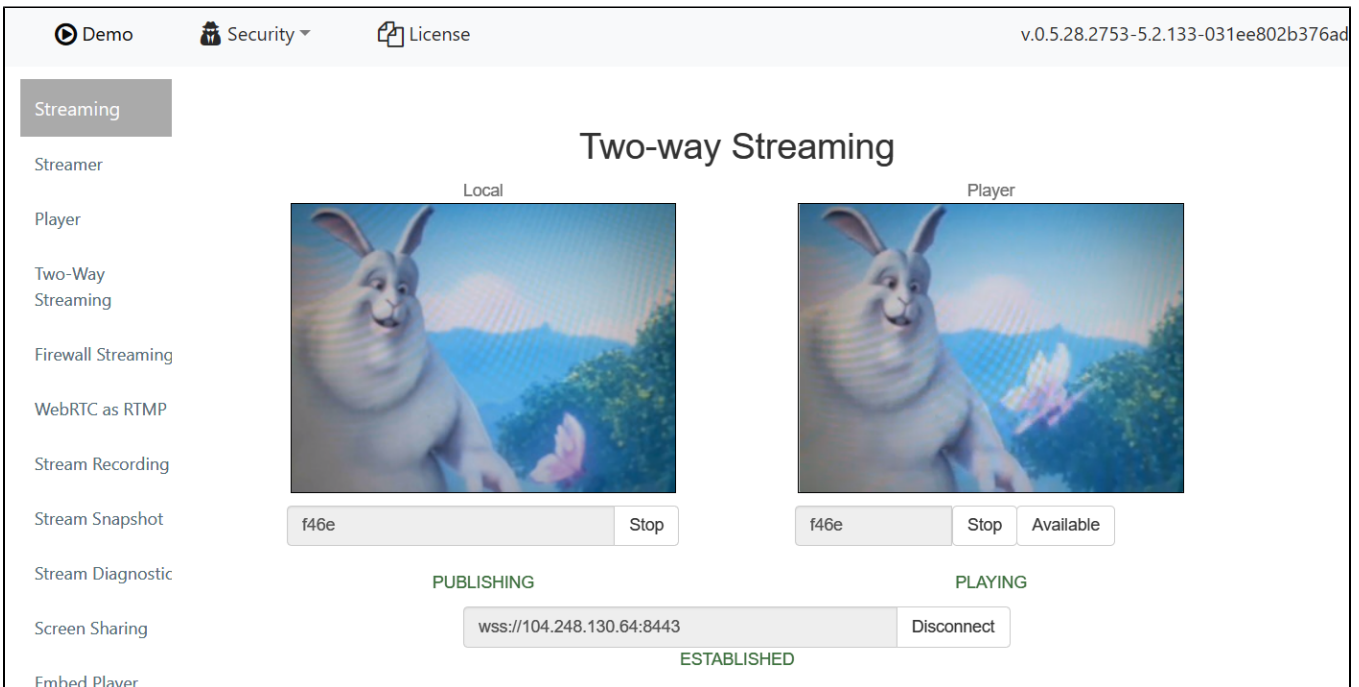
in  Flashphoner / 2 GB Memory / 50 GB Disk / FRA1 - Flashphoner 5.2.133 on CentOS 7.6

ipV4: 104.248.130.64
ipV6: [Enable now](#)
Private IP: [Enable now](#)
Floating IP: [Enable now](#)
[Console: !\[\]\(fd18f93f4f52debcbcb22e14cdddff3d_img.jpg\)](#)

10. Open the page https://droplet_ip:8444/admin/ in browser, where droplet_ip is server IP address, accept security exception. Enter username demo and password demo



11. Select Two Way Streaming example, check stream publishing and playback



12. Connect to server with ssh

```
$ ssh root@104.248.130.64
root@104.248.130.64's password:
You are required to change your password immediately (root enforced)
Last login: Wed Jul 10 10:41:59 2019 from 104.248.130.64
Changing password for root.
(current) UNIX password:
New password:
Retype new password:
*****

Flashphoner Web Call Server is a streaming media server-side platform
for real-time video delivery in browsers and mobile apps

Configure WCS parameters:
vi /usr/local/FlashphonerWebCallServer/conf/flashphoner.properties

Configure JVM parameters:
vi /usr/local/FlashphonerWebCallServer/conf/wcs-core.properties file

Activate commercial license:
cd /usr/local/FlashphonerWebCallServer/bin
./activation.sh

Start server:
systemctl start webcallserver

Stop server:
systemctl stop webcallserver

Restart server after settings change:
systemctl restart webcallserver

Access to server CLI:
ssh admin@localhost -p 2001

For more information on Flashphoner Web Call Server, please read
the official documentation:
https://docs.flashphoner.com/display/WCS52EN/Server+functions
*****

[root@flashphoner-centos-s-1vcpu-2gb-fra1-01 ~]#
```