

WCS на Digital Ocean

WCS может быть развернут на Digital Ocean из готового образа, размещенного в [Digital Ocean Marketplace](#). При установке автоматически активируется [ознакомительная 30-дневная лицензия](#). Для развертывания необходимо сделать следующие шаги:

1. Перейти к образу [по ссылке](#), нажать Create Flashphoner Web Call Server Droplet

The screenshot shows the Digital Ocean Marketplace page for the 'Flashphoner Web Call Server' droplet. The page includes a search bar, a 'Create Flashphoner Web Call Server Droplet' button, a description of the service, and support details.

Flashphoner Web Call Server
by Flashphoner
VERSION 5.2.133 os CentOS 7.6 **NEW**

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. На странице создания сервера в списке приложений будет выбран образ Flashphoner Web Call Server

The screenshot shows a grid of application images available for deployment on Digital Ocean. The 'Flashphoner 5.2.133 on CentOS 7.6' image is highlighted with a blue border.

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. Выберите характеристики сервера и тарифный план

The screenshot shows the 'Choose a plan' page on Digital Ocean. It features two main categories: 'STARTER' and 'PERFORMANCE'. The 'Standard' plan is selected under 'STARTER'. Under 'PERFORMANCE', 'General Purpose' is selected. Below the plans, a table lists various pricing and resource options.

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.

\$5/mo \$0.007/hour	\$10/mo \$0.015/hour	\$15/mo \$0.022/hour	\$15/mo \$0.022/hour	\$15/mo \$0.022/hour	\$20/mo \$0.030/hour
1 GB / 1 CPU 25 GB SSD disk 1000 GB transfer	2 GB / 1 CPU 50 GB SSD disk 2 TB transfer	3 GB / 1 CPU 60 GB SSD disk 3 TB transfer	2 GB / 2 CPUs 60 GB SSD disk 3 TB transfer	1 GB / 3 CPUs 60 GB SSD disk 3 TB transfer	4 GB / 2 CPUs 80 GB SSD disk 4 TB transfer

4. Выберите регион размещения сервера

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. Выберите способ аутентификации One-Time Password

Authentication ?

SSH keys
A more secure authentication method

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

6. Введите имя сервера

Finalize and create

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

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.

— 1 Droplet +

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

7. Нажмите Create droplet

Select Project

Assign Droplets to a project

Flashphoner

Create Droplet

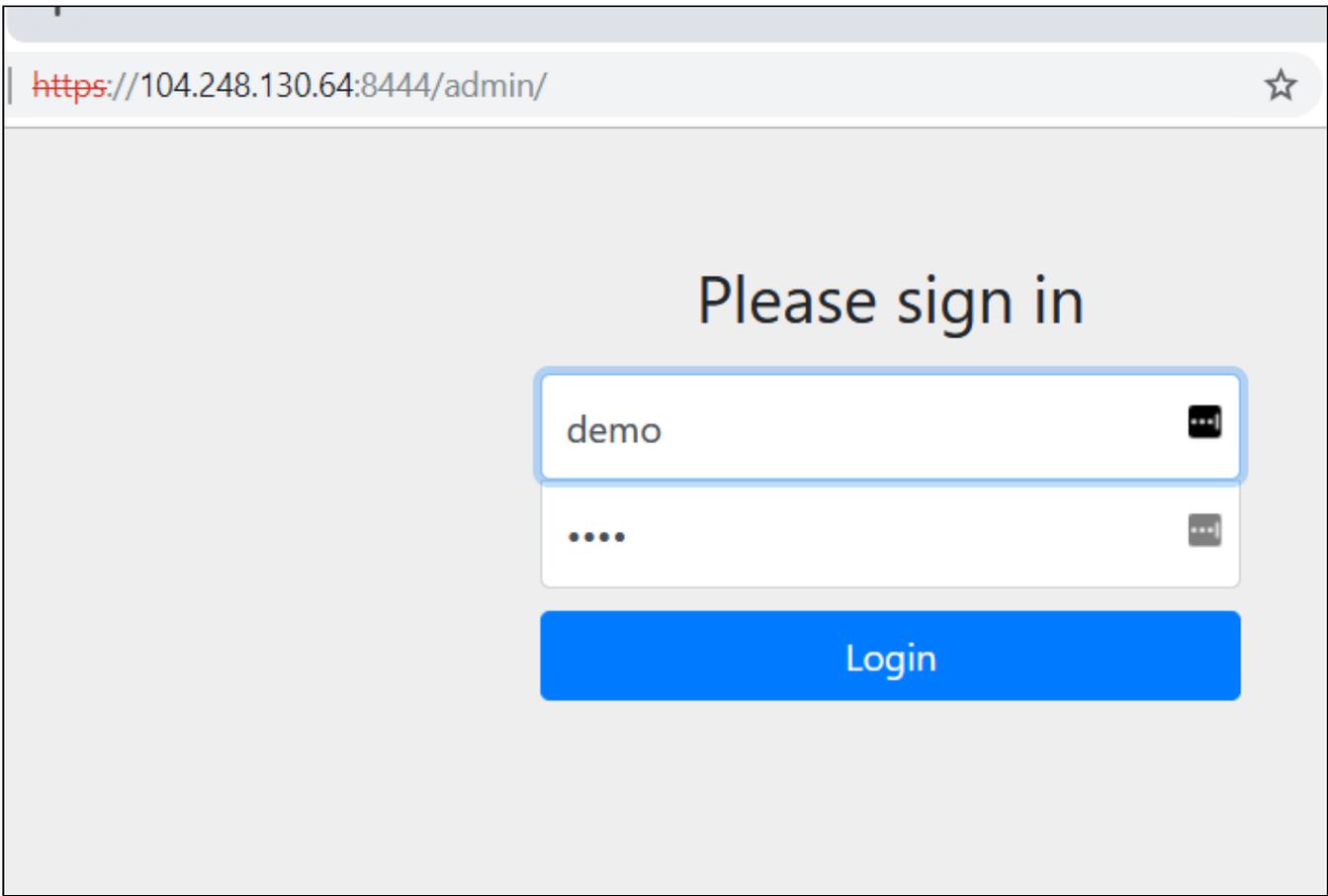
8. После создания сервер автоматически запустится

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

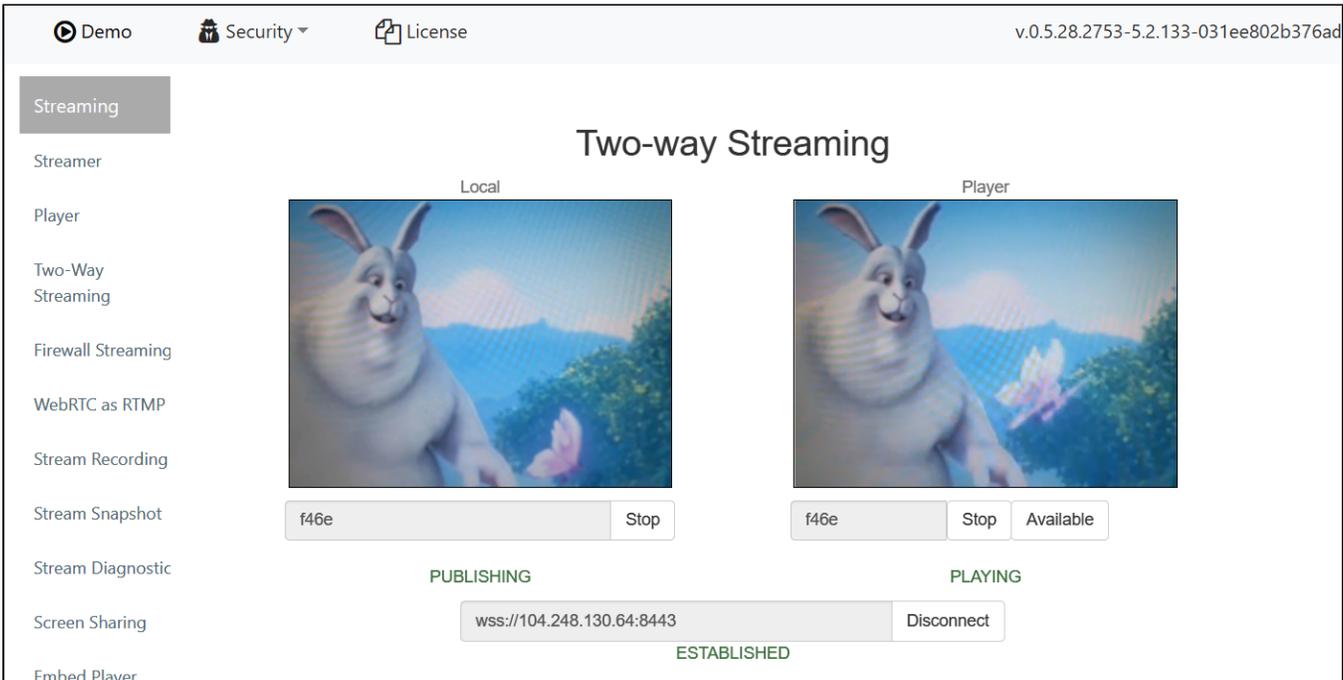
in  Flashphoner / 2 GB Memory / 50 GB Disk / FRA1 - Flashphoner 5.2.133 on CentOS 7.6

ipv4: 104.248.130.64 ipv6: [Enable now](#) Private IP: [Enable now](#) Floating IP: [Enable now](#) [Console](#)

10. Откройте в браузере страницу https://droplet_ip:8444/admin/, где droplet_ip - IP адрес сервера, подтвердите исключение безопасности. Введите имя пользователя demo и пароль demo



11. Выберите пример Two Way Streaming, проверьте публикацию и воспроизведение потока



12. Подключитесь к серверу по 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 [REDACTED]
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 webrtcserver

Stop server:
systemctl stop webrtcserver

Restart server after settings change:
systemctl restart webrtcserver

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 ~]#
```