

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' application. The page includes a search bar, a 'Create Flashphoner Web Call Server Droplet' button, and a description of the application. The description states that the platform is designed for real-time audio and video applications and supports various streaming technologies like WebRTC, Flash, and RTMP. It also lists development tools and APIs supported by the platform.

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 the Digital Ocean application selection screen. It displays a grid of application images with their names and versions. The 'Flashphoner 5.2.133 on CentOS 7.6' application is highlighted with a blue border, indicating it is the selected option.

Django 1:1.11.11 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 11.8.0 on Ubuntu 18.04 Details

3. Выберите характеристики сервера и тарифный план

The screenshot shows the Digital Ocean 'Choose a plan' screen. It displays two main categories: 'STARTER' and 'PERFORMANCE'. Under 'STARTER', the 'Standard' plan is selected. Under 'PERFORMANCE', the 'General Purpose' plan is selected. Below the plans, a table lists the specifications and pricing for each 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.

Plan	Price	CPU	RAM	SSD	Transfer
Standard	\$5/mo \$0.007/hour	1 GB	1 CPU	25 GB SSD disk	1000 GB transfer
General Purpose	\$10/mo \$0.015/hour	2 GB	1 CPU	50 GB SSD disk	2 TB transfer
General Purpose	\$15/mo \$0.022/hour	3 GB	1 CPU	60 GB SSD disk	3 TB transfer
General Purpose	\$15/mo \$0.022/hour	2 GB	2 CPUs	60 GB SSD disk	3 TB transfer
General Purpose	\$15/mo \$0.022/hour	1 GB	3 CPUs	60 GB SSD disk	3 TB transfer
CPU Optimized	\$20/mo \$0.030/hour	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.


7. Нажмите Create droplet

Select Project

Assign Droplets to a project

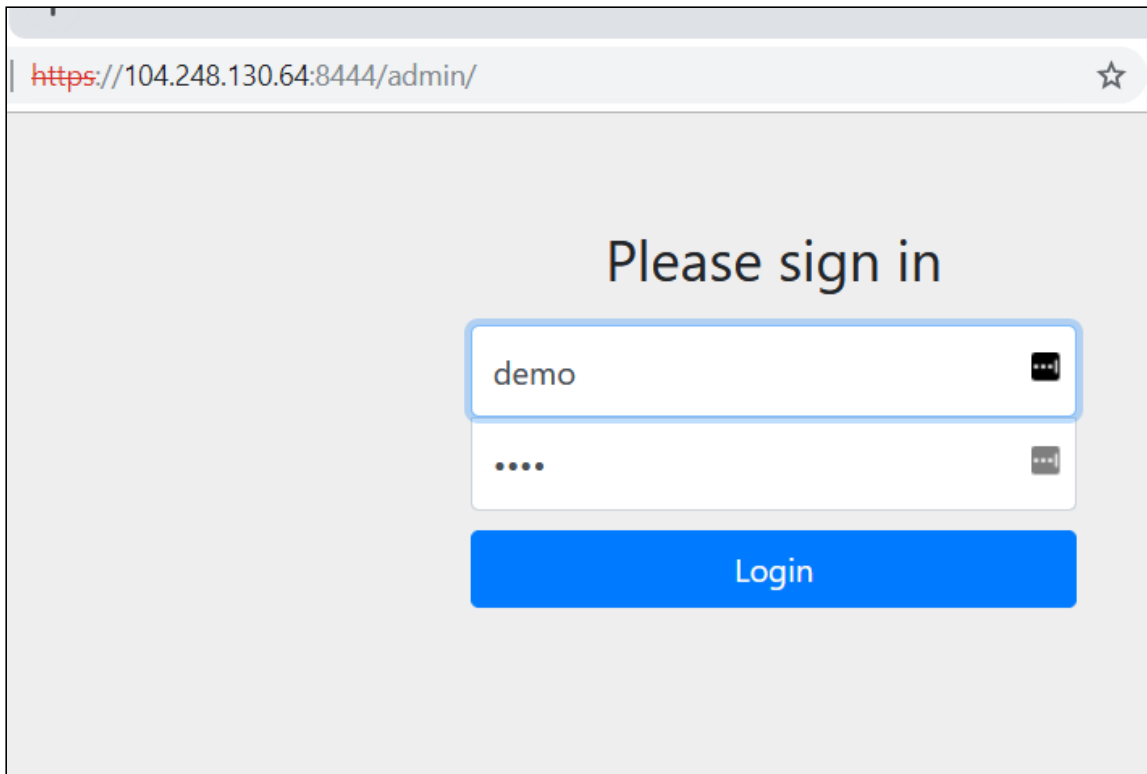
8. После создания сервер автоматически запустится

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

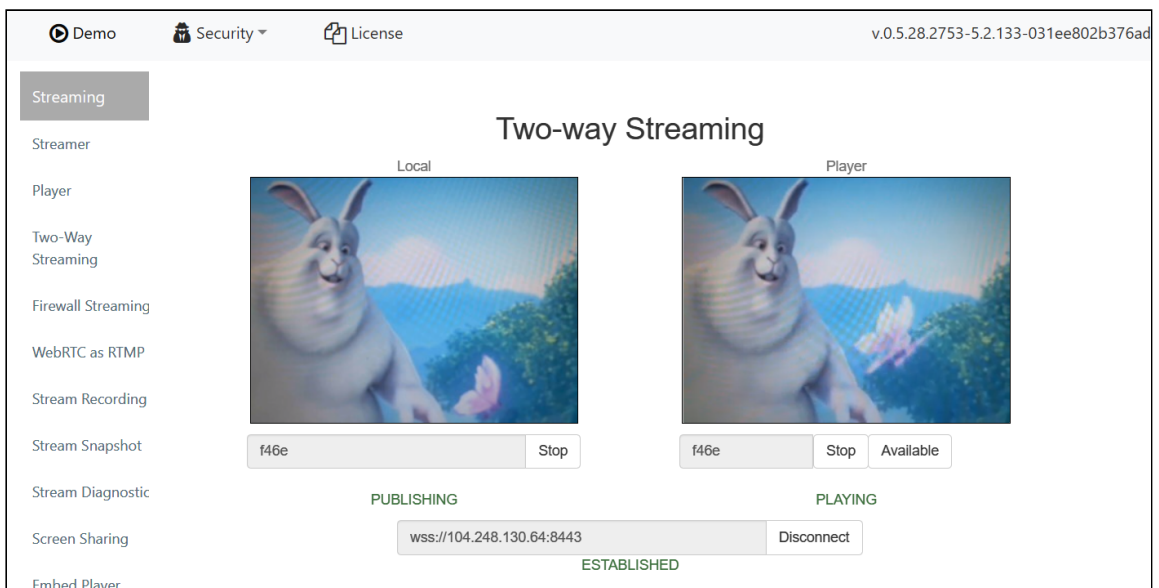
in  Flashphoner / 2 GB Memory / 50 GB Disk / FRA1 - Flashphoner 5.2.133 on CentOS 7.6

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 ~]#

```

Attachments:

- do_market-create-droplet.png (image/png)
- do_market-product-page.png (image/png)
- do_market-app-list.png (image/png)
- do_market-choose-plan.png (image/png)
- do_market-choose-region.png (image/png)
- do_market-auth-password.png (image/png)
- do_market-choose-name.png (image/png)
- do_market-droplet-created.png (image/png)
- do_market-wcs-login.png (image/png)
- do_market-publish.png (image/png)

■ [do_market-ssh-login.png](#) (image/png)

■ [do_market-ssh-login.png](#) (image/png)