

Owncloud Server

QuickStart Guide

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Introduction

ownCloud is an open source content collaboration application that enables users to remotely store, access, and share data across ownCloud users in an efficient manner. ownCloud Server is the core backend software for ownCloud, which allows ownCloud clients to manage the cloud infrastructure according to their requirements.

Target Audience

This guide is meant for administrators who want to install, configure, and manage ownCloud Server for users. The guide also enables users to know how to connect to Owncloud Server using a desktop client.

Supported Platform

ownCloud is supported on following platforms:

Platform	Option
Operating System	Ubuntu 16.04 and 18.04
	Debian 7, 8 and 9
	SUSE Linux Enterprise Server 12 with SP1, SP2 and SP3
	Red Hat Enterprise Linux/Centos 6.9, 7.3, 7.4, and 7.5
	Fedora 27, 28 and 29
	openSUSE Leap 42.3 and 15
Database	MySQL or MariaDB 5.5+
	Oracle 11g
	PostgreSQL 9 (versions 10 and above are not yet supported)
	SQLite
Web Server	Apache 2.4 with prefork and mod_php
PHP Runtime	5.6, 7.0, 7.1, and 7.2

Installing Owncloud Server

From the ownCloud home page, you can install ownCloud Server through following methods:

- **[Tarball](#)**: This installation method is best suited for production environments and offers the most customizable options. A tarball refers to a group or archive of files that are bundled together using the tar command.
- **[Docker](#)**: This installation method uses the official ownCloud Docker image, which is designed to work with a data volume in the host file system. A Docker image is a file comprising multiple layers and is used to execute code in a Docker container.
- **[Appliance](#)**: This installation method uses ownCloud X Appliance, which is built on Univention Corporate Server (UCS) and is fully set up and configured with a secure connection and the ownCloud Proxy app.
- **[Linux Packages](#)**: This installation method uses Linux Package Manager. The method is recommended to be used only for single-server setup.

Installing ownCloud using Docker

To install ownCloud using Docker:

1. Create a new project directory on your machine.
2. Download the **docker-compose.yml** file from the ownCloud Docker github repository within that new directory.
For a **docker-compose.yml**, visit <https://github.com/owncloud-docker/server>.
3. Create a **.env** configuration file that contains the required configuration settings.

Settings Name	Description	Example
OWNCLOUD_VERSION	The ownCloud version	latest
OWNCLOUD_DOMAIN	The ownCloud domain	localhost
ADMIN_USERNAME	The admin username	admin
ADMIN_PASSWORD	The admin user's password	admin
HTTP_PORT	The HTTP port to bind to	8080

4. Start the container, using your preferred Docker command-line tool.
5. When the container startup process is completed, run the **docker-compose ps** command to check whether the containers are successfully started.

Installing ownCloud using Tarball

To install ownCloud using Tarball:

1. Visit the ownCloud download page by typing the following URL on the address bar of your browser: **<https://owncloud.org/download/>**.
2. In the **Tarball** section, right-click the **Download Tar** button and select **Copy link Address** from the contextual menu.
3. Log onto your machine using secure shell (SSH).
4. Navigate to the directory where you want to install ownCloud.
5. On the command-line, run the following command:
wget <link of Tarball copied earlier>
6. On the ownCloud download page, under the **Download Tar** button, right-click the link **sha256** and choose **Copy link Address** from the contextual menu.
7. Run the command **wget <link of sha256 copied earlier>** to download this file.
8. Verify the sha256 signature against the .tar.bz2.
9. Once the signature is validated, decompress the file. A new subdirectory is created within the directory in which you ran the **wget** command.
10. Navigate to the **owncloud** directory and click the ownCloud URL that is created.
The ownCloud logon window is displayed.
11. Enter your logon credentials.
12. Click the **FINISH SETUP** button.

Installing ownCloud using Appliance

This installation method is the easiest one and best for non-technical users. Install virtual box, download the OVA file, and load it.

Note: You must install Appliance on your server before installing ownCloud server.

For information on how to install Appliance, refer to the *ownCloud Administration Guide* on the **ownCloud Documentation** page.

Installing ownCloud using Linux Packages

You can install ownCloud Server by downloading ready-to-deploy Linux distribution packages on your machine.

To download the packages:

1. On the ownCloud download page, in the **Linux Distribution Packages** section, click the **Go to Packages** button.
2. On the **Install package ownCloud-file** page, select an operating system. The page displays following download options:
 - **Direct Download**
 - **Add repository and install manually**
3. Choose a download option according to your requirement and follow the instructions.

Adding a user account

To create an ownCloud user account:

1. Log on to ownCloud Server as an administrator.
The User Administrator page opens.
2. On top of the User Administrator page, enter the username and password in the boxes beside the drop-down box.
From the drop-down list, select a group to which you want to add the user. You can add the user to an existing group or a newly created group.
 - To create a group, from the drop-down list, click **add group**, type the group name, and press **Enter**.
 - To add the user to an existing group, select the group name.

Note: By default, the user is added to the **Admin** group.
3. Click the **Create** button.
The user is created and listed on the User Administrator page. You can create as many users as you want.
 - To change the group assigned to a user, select the new group from **Groups** drop-down list corresponding to the user name.
 - To assign the storage quota to a user, select the memory size from the **Quota** drop-down list corresponding to the user name.

Connecting users to ownCloud Server

After installing the ownCloud client, you must connect it to ownCloud Server to synchronize with the server data.

To connect your ownCloud client to ownCloud Server:

1. Launch your ownCloud client.
2. In the connection wizard, on the **Setup ownCloud Server** page, enter the server IP address in the **Server Address** box and click **Next**.
3. On the **Enter user credentials** page, enter your username and password in **Username** and **Password** boxes respectively.
4. Click **Next**.
5. On the **Setup local folder options** page, specify what you want to synchronize from the ownCloud server. You can synchronize all data available on the server or a specific data set.
6. Specify the location where the files downloaded from ownCloud Server are stored.
7. Click **Connect**. The connection with ownCloud Server is established within a few seconds.

Connecting users to ownCloud Server using a desktop client

To connect a user to ownCloud Server using a desktop client:

1. Open the ownCloud desktop client installed on your machine.
2. On the **Connect to ownCloud page** of **ownCloud Connection Wizard**, enter the IP address of the ownCloud server in the **Server Address** box.
3. Click **Next**.
4. On the **Enter user credentials** page of **ownCloud Connection Wizard**, enter your username and password in the **Username** and **Password** boxes respectively.
5. Click **Next**.
6. On the **Setup local folder options** page, specify what your synchronization criteria and the location where you want to save the files downloaded from the ownCloud server.
7. Click **Connect**. The user is connected to ownCloud Server and the synchronization process starts.