

# OwnCloud File Sharing

From Matchi Wiki

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## OwnCloud Filesharing Service

OwnCloud is a free and unlimited file sharing and storage service and is a like-for-like replacement for Dropbox.

### Server Installation

You need to install a version of PHP not less than 5.6, so ideally version 7.x should be installed on the server:

```
$ sudo rpm -Uvh https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
$ sudo rpm -Uvh https://mirror.webtatic.com/yum/el7/webtatic-release.rpm
$ sudo yum install --enablerepo=webtatic-testing mod_php71w php71w-opcache
```

On a generic Red Hat 7 system, one would install OwnCloud like this:

```
$ sudo yum -y install owncloud
```

In our case, however, because we are also running Plesk and we want to host it on the `http://owncloud.matchi.info` domain, we need to manually install it from a tar.bz2 bundle. It is simpler doing this as user root, so the first thing we do is su to user root before continuing. This unpacks the file into a directory owncloud, so we then move this content down one directory and dispense with the owncloud directory:

```
$ sudo su -
# cd /var/www/vhosts/matchi.info/owncloud.matchi.info
# wget https://download.owncloud.org/community/owncloud-9.1.2.tar.bz2
# tar -xjf owncloud-9.1.2.tar.bz2
# mv owncloud/* .
# rm -fr owncloud
```

Once the package has been deployed, the owners of the files needs to be set to user `matchi.info`

```
# chown -R matchi.info:psaserv *
```

## OwnCloud Desktop Client Synchronization App

### Installing the Desktop Client

For Sabayon Linux:

```
$ sudo equo install owncloud-client
```

For Ubuntu Linux and its variants:

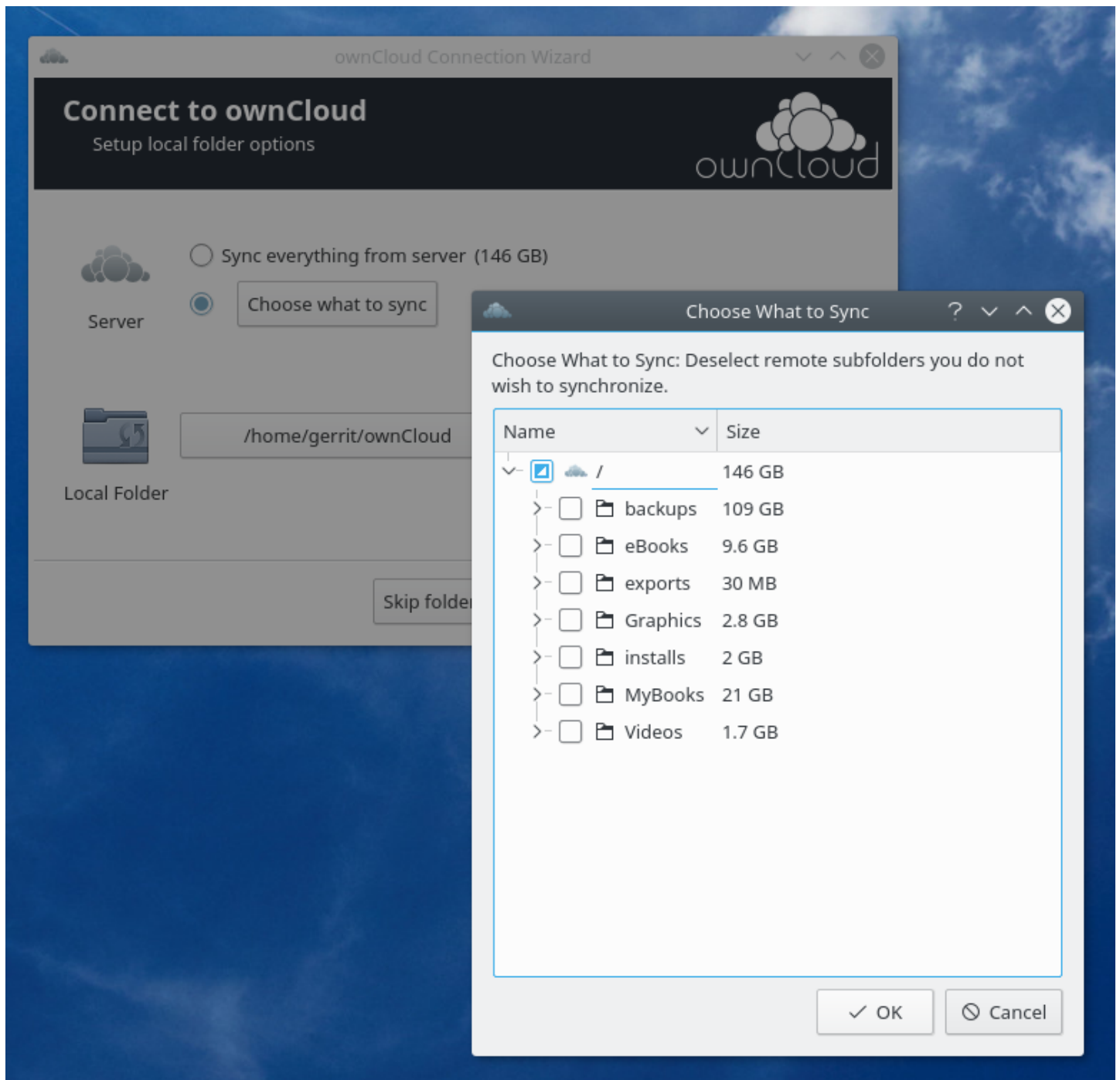
```
$ sudo apt-get install owncloud-client
```

For Windows and MAC, go to <https://owncloud.org/install/#install-clients> and follow the instructions.

## Configuring the Desktop Client

Run the OwnCloud Desktop app and enter the following details in the first-time run wizard:

- Server Address: <https://owncloud.matchi.info>
- Click on Trust this certificate anyway, if a warning about a certificate appears
- User Name: Your first name
- Password: Your password
- Select what to synchronize: You do not want to synchronize the entire server, so even though you sine shared large video, document and image repositories were shared with you, you will probably not have space on your local hard drive to hold all this. So, un-check all of these and only keep your root folder checked:



- Set your local folder that you want to synchronize to. By default, it will be ownCloud in your home directory.
- Hit the **Connect** button.

## Using the Desktop Client

After you have connected for the first time, you can go into your ownCloud folder. Any files that you drop into this folder will automatically be uploaded to the OwnCloud server.

## Using the Web Client

Point your browser to <https://owncloud.matchi.info> and log in with your user name and password. Once in there, you can:

- You can browse your own files and also all the other directories and files that you elected not to share to your desktop
- Share your files and directories with other users
- Publicize your files and directories to the public at large - although this is not advisable
- Change your user credentials

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