

# Nextcloud 14.0.1 installation

- Download from nextcloud home:
  - nextcloud-14.0.1.tar.bz2
  - nextcloud-14.0.1.tar.bz2.md5
- Check package integrity using MD5:

```
$ md5sum -c nextcloud-14.0.1.tar.bz2.md5
nextcloud-14.0.1.tar.bz2: OK
$
```
- Install php modules via MCC:
  - php-cli, php-ctype, php-dom, php-gd, php-iconv, php-mbstring, php-posix,
  - php-xmlreader, php-xmlwriter, php-zip, php-zlib, php-pdo\_mysql, php-curl,
  - php-fileinfo, php-bz2, php-intl, php-openssl, php-ldap, php-ftp, php-imap,
  - php-exif, php-gmp, php-apcu, php-memcached, php-imagick, php-pcntl,
  - php-bcmath, php-calendar, php-dba, php-filter, php-gettext, php-hash, php-phar,
  - php-session, php-shmop, php-soap, php-sockets, php-sysvmsg, php-sysvsem,
  - php-sysvshm, php-tokenizer, **php-wddx**,
  - PHP module json
  - PHP module libxml
  - PHP module SimpleXML
  - PHP module Core
  - PHP module date
  - PHP module pcre
  - PHP module Reflection
  - PHP module SPL
  - PHP module standard
- Install apache via MCC:
  - apache-base 2.4.29

Startup the apache daemon “httpd-prefork” at boot

The **Apache Document Root** is defined in the file: `/etc/httpd/conf/httpd.conf` file as

```
DocumentRoot “/srv/www/html”
```
- Install mariadb via MCC:
  1. Startup the mariadb daemon “mariadb” at boot
  2. Open a new Linux terminal.
  3. Alter the MySQL/MariaDB password, using:

```
$ mysqladmin --user=root password "nextcloud"
```

To change a previously installed password to a new one, use the syntax:  
`$ mysqladmin --user=root --password=oldpassword password "newpassword"`
  4. Test that your password change has been accepted, by attempting to connect to the MySQL/MariaDB server using the `mysql` command-line client in the same directory. For example, you could use the command below to connect to the server and return the results of a calculation:

```
$ mysql --user=root --password=nextcloud -e "SELECT 1+1"
```

```
+-----+
| 1+1 |
```

```
+-----+
|   2   |
+-----+
$
```

- Install the downloaded nextcloud:

- Extract the archive contents.:

```
$ tar -xjf nextcloud-14.0.1.tar.bz2
```

- Copy the nextcloud directory to its final destination.

On an Apache HTTP server you may safely install nextcloud in your Apache document root:

**DocumentRoot “/srv/www/html”**

```
# cp -r nextcloud /srv/www/html
```

```
# cd /srv/www/html/nextcloud
```

```
# mkdir data
```

```
# cd ..
```

```
# chown -R apache:apache nextcloud
```

- Create the file “nextcloud.conf” in /etc/httpd/conf.d

```
Alias /nextcloud "/srv/www/html/nextcloud/"
```

```
<Directory /srv/www/html/nextcloud/>
```

```
Options +FollowSymLinks
```

```
AllowOverride All
```

```
<IfModule mod_dav.c>
```

```
    Dav off
```

```
</IfModule>
```

```
SetEnv HOME /srv/www/html/nextcloud
```

```
SetEnv HTTP_HOME /srv/www/html/nextcloud
```

```
</Directory>
```