

How To Install Nextcloud On Rapid.Space

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Agenda

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2. Install Apache webserver
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Access VPS via SSH

 [How To Access A VPS Via Ssh On Rapid.Space \(Presentation\)](#)

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Install Apache webserver

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Since Nexcloud will run on a web browser, the first step will be to install the Apache webserver. To achieve this, first update the system as root,

```
su -
```

```
apt update -y
```

Next, to install Apache execute the command

```
apt install apache2 libapache2-mod-php
```

Once installed, verify the status of Apache using the command

```
systemctl status apache2
```

From the output above, we can clearly see that the Apache webserver is up and running.

Install PHP

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For Next Cloud to successfully run, we need to install PHP and other dependencies. To achieve this execute the command:

```
apt-get install -y php php-gd php-curl php-zip php-dom php-xml php-simplexml php-mbstring php-common php-mysql php-intl php-apcu php-redis php-http-request
```

To verify the version of PHP you have installed, run the command

```
php -v
```

As you can see in the output below, the latest PHP version (at the time of writing this article) is PHP 7.3

Install MariaDB database server

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A database will be required to accommodate the installation files of Next Cloud during the installation process. For that reason, we shall install the MariaDB database as follows.

```
apt install mariadb-client mariadb-server
```

Once the installation is complete, log in to MySQL as shown

```
mysql -u root -p
```

Next, create a database for Next Cloud as shown

```
CREATE DATABASE nextclouddb;
```

```
GRANT ALL ON nextclouddb.* TO 'nextcloud_user'@'localhost' IDENTIFIED BY 'strong password';
```

```
FLUSH PRIVILEGES;
```

```
EXIT;
```

Download Nextcloud



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With the database configured, now it's time to download Nextcloud. First, navigate to the temporary folder

```
cd /tmp
```

Download Nextcloud zip file using the command

```
wget https://download.nextcloud.com/server/releases/nextcloud-20.0.7.zip
```

Next, unzip (apt-get install unzip) the compressed file using the command

```
unzip nextcloud-20.0.7.zip
```

Next, move the unzipped folder to the webroot directory as shown

```
mv nextcloud /var/www/html/
```

Navigate to the document root folder and change the file ownership to www-data .

```
cd /var/www/html
```

```
chown -R www-data:www-data nextcloud
```

Also, change the file permissions as shown

```
chmod -R 755 nextcloud
```

Restart web server

```
systemctl restart apache2.service
```

Finish Installation of Nextcloud via a browser

 [http://\[your_ipv6_address\]/nextcloud/index.php](http://[your_ipv6_address]/nextcloud/index.php)



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To install NextCloud on Debian 10 via a browser, open your favorite browser and browse your server's IP as shown

[http://\[your_ipv6_address\]/nextcloud/index.php](http://[your_ipv6_address]/nextcloud/index.php) (eg. [http://\[2001:67c:1254:64:f8de::1\]/nextcloud/index.php](http://[2001:67c:1254:64:f8de::1]/nextcloud/index.php))

Be sure to fill in all the fields shown above with the corresponding values in the NextCloud database.

When you are all set click "Finish setup" This should usher you to Next Cloud's dashboard.

Finish Setup

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You should see the NextCloud dashboard. You can manage your personal files, create new users or administer NextCloud from [here](#).