**Steps to Configure and install Nextcloud Server**

*(the easy way – monthly hosting* ***cost*** *associated)*

* There is a **fee** to host a cloud atmosphere - If you want a free environment, there are ways to host on your own machine/computer (for advanced users) depending on your router setup and configuration capabilities that I’ve **NOT** had time to test yet in order to create and host a home built server mainly due to time constraints.
  + Purpose of this opensource project is to become familiarize on how servers are connected specifically within the cloud atmosphere.
* The Following procedures have been **tested** but hosting the website/cloud server will require a monthly fee as the hosting environment is controlled and operated virtually from any internet connected machine. Steps to setup the tested procedures of NextCloud file hosting server are as followed:
* Acquire Domaine Name Server (DNS):
  + - The Simplest and fastest way for non-advance users to get a cloud atmosphere up and running for mobile and/or software purposes is to find and configure a secure hosting environment. Open a web browser and search [www.name.com](http://www.name.com) to register and officially get a DNS (you can find a variety of website hosts for a range of fees – this is the one that worked for me that I used for $8-$9/month).
      * Your DNS is the website that your nextcloud server will be mounted on. Give your DNS a name (i.e. stmartinlrmp / atlas360 / something that name.com will approve when registering for an official Domain Name).
  + If you already have a website up and running that uses c-panel, you can simply mount the server through the softaculous apps installer within c-panel (subdomain needed) without creating a new DNS.
* Once you have a Domain Name Server, go to the C-panel section and create a subdomain

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* Create a Subdomain:
  + - Under Subdomain, enter nextcloud
    - Hit the down arrow at the end of the domain column and select the domain name that you just created (i.e. stmartinlrmp / atlas360)
    - Underdocument root, enter nextcloud.[**your-domain-name**]
    - Click on create
* MySQL Database Wizard:
  + - Under Databases within the C-panel section, click on MySQL Databases (here we are creating Nextcloud system user’s database)

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* + - Under username enter nextcloud
    - Under password, create a password and make sure you write it down or remember the database password.
    - Click on create user
    - Check the all privileges box, finish the wizard by clicking next step
* Mount the server onto your website/webserver
  + - Click on the softaculous APP installer within the software c-panel section

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* + - Click on File Management

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* + - You can scroll down on the left-hand side or search in the search bar for NextCloud
    - Click install now
    - Choose the Nextcloud domain within the domain drop down list
    - Enter ncloud for in the In Directory
    - Enter nextclouddata for data directory
    - Leave admin for admin username the default
    - Write down password or choose something you can remember for the password
    - Make sure “disable update notifications” under the advance tab is uncheck
    - Click on install
* NextCloud admin
  + - Within the URL bar enter your nextcloud subdomain url (i.e. nextcloud.stmartinlrmp.com / nextcloud.atlast360.com etc).
    - Configure any personal settings or download mobile app for mobile phones / PC’s
    - Enjoy a very versatile file hosting services and everything the open source NextCloud server has to offer!

Some helpful Reference:

<https://www.youtube.com/watch?v=vDFBVrFrTOY>

<https://www.youtube.com/watch?v=n5v4UPn_sRo>

<https://nextcloud.com/athome/>

Advance Users (opensource home cloud server enthusiasts):

<https://www.youtube.com/watch?v=s3pryWdZyas>

<https://docs.nextcloud.com/server/latest/admin_manual/installation/index.html>