Network attached storage

Network-attached storage (**NAS**) is a file-level computer data storage server connected to a computer network providing data access to a heterogeneous group of clients. NAS is specialized for serving files either by its hardware, software, or configuration

By Default, NAS uses SMB server which is file sharing server helps others to access the files across multiple devices seamlessly in a network. If you have lots of computers its tedious to share a data across multiple devices through wires. So creating a NAS helps to access the files wirelessly across all of your computers which are connected to same network

Requirements :

- Raspberry Pi 3 (Recommended)
- Ethernet Cable
- Class 10 Micro SD
- External Hard Drive
- Dual Band WIFI Route

The following commands are

- sudo apt-get update
- sudo apt-get install samba samba-common-bin
- sudo apt-get install ntfs-3g
- sudo mount /External
- sudo /etc/samba/smb.conf

Add this comments

[RaspberryPi NAS]

comment = Pi Server

public = yes
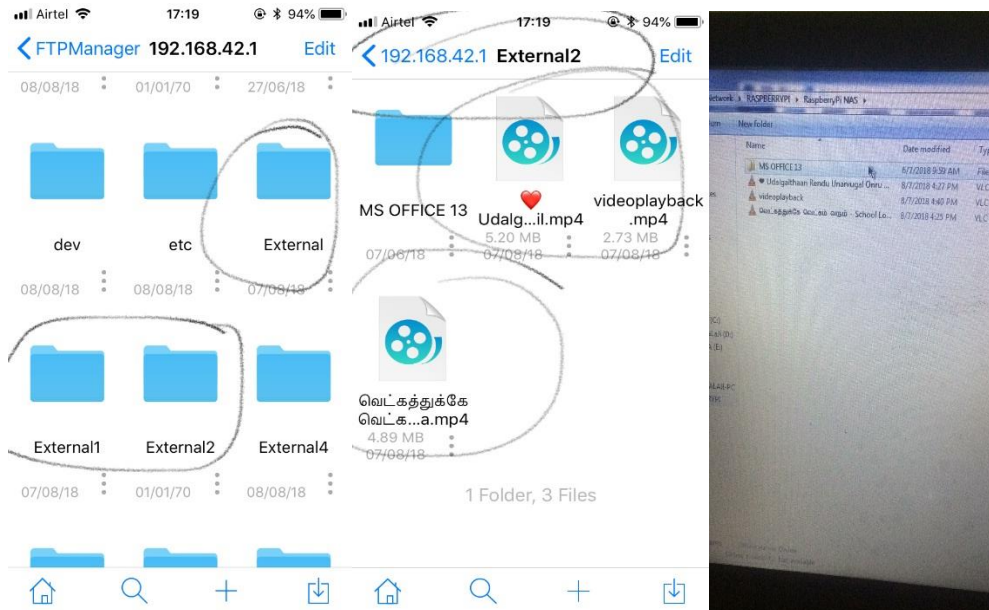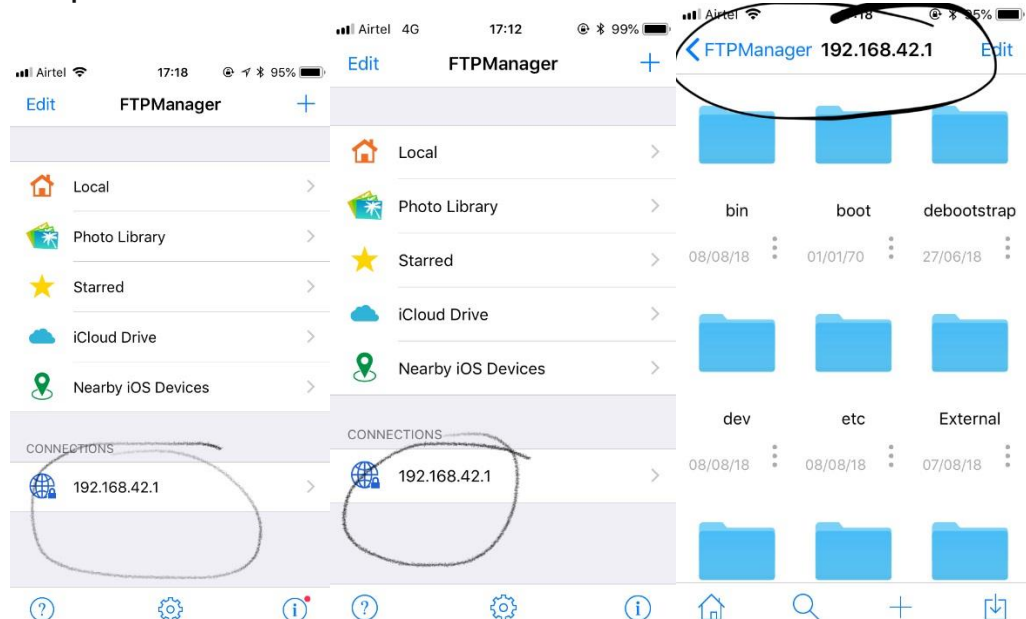
 writeable = yes

browsable = yes

path = /External

create mask = 0777

directory mask = 0777

- sudo /etc/init.d/samba restart

Now you can open and see the FTP server or NAS server either mobile app name(FileExplorer)or lap network panel select raspberry

Output screenshots

Raspberry pi Showing the Nas RaspberrypiNas