

Port Forwarding & Applications

Kelvin Cording
February 2019



FORWARDING



Checkout Port Forwarding [Here](#)





Wan:
144.130.107.29

Router



Lan: 192.168.0.185



NAS
1

Lan: 192.168.0.33



NAS

Lan:
192.168.0.12

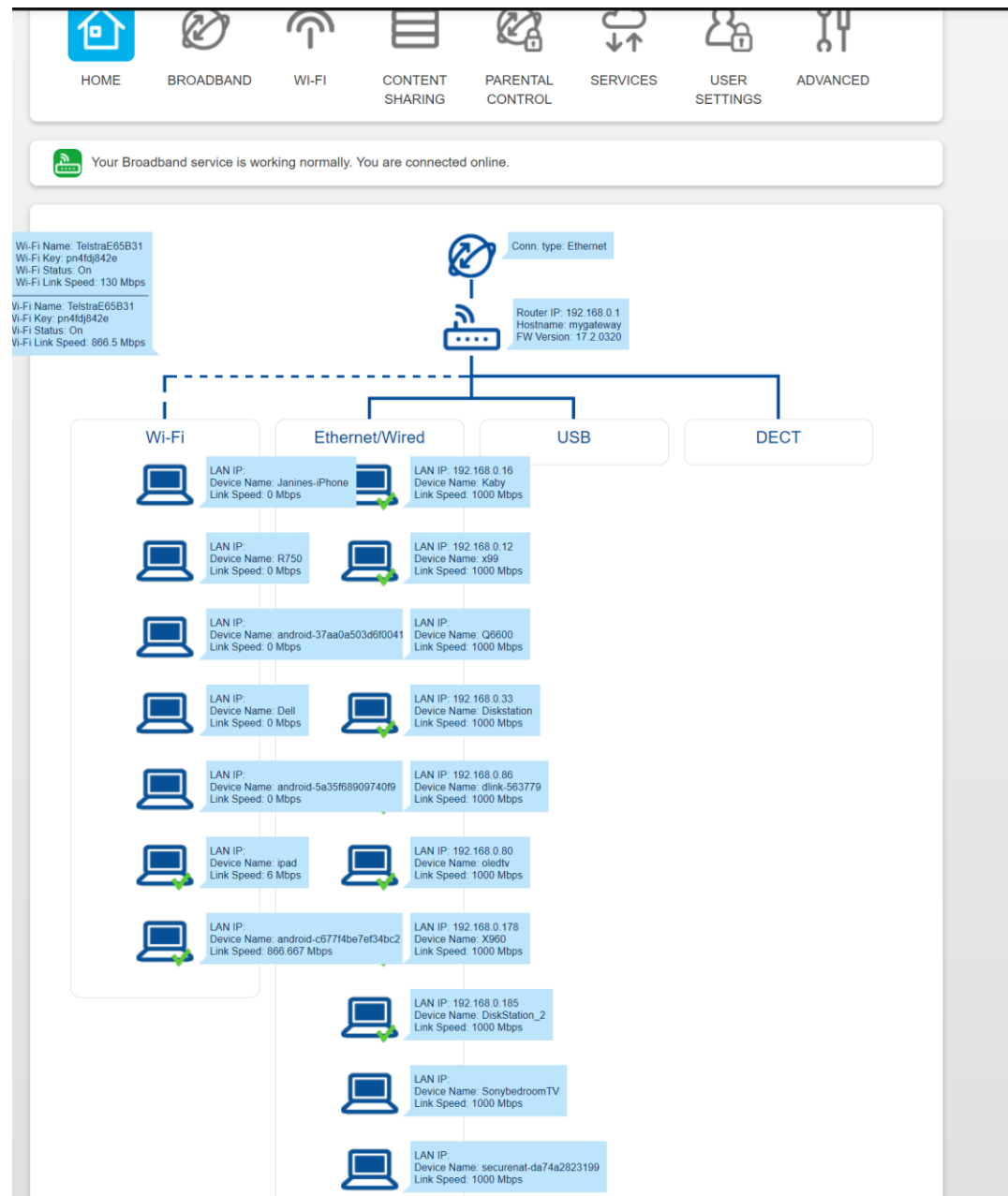


Lan: 192.168.0.216



Telstra Smart Modem

Router Configuration





HOME



BROADBAND



WI-FI



CONTENT SHARING



PARENTAL CONTROL



SERVICES



USER SETTINGS



ADVANCED



Your Broadband service is working normally. You are connected online.

Dynamic DNS

Port Forwarding

Remote Web Access

Traffic Monitor

Enabled

Service Name

Domain

User Name

Password

Service
s



HOME



BROADBAND



WI-FI



CONTENT SHARING



PARENTAL CONTROL



SERVICES



USER SETTINGS



ADVANCED



Your Broadband service is working normally. You are connected online.

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Traffic Monitor

	Name	Protocol	WAN port	LAN port	Destination IP	
<input checked="" type="checkbox"/>	dsk	TCP	5003	5003	192.168.0.185	
<input checked="" type="checkbox"/>	music	TCP	5000	5000	192.168.0.33	
<input checked="" type="checkbox"/>	ftp	TCP	21	21	192.168.0.16	

+ Add new port mapping

Port Forwarding

Network Servers and Clients

Best Windows 10 FTP clients Of 2019

1. SmartFTP. Designed especially for Windows, SmartFTP is one of the best FTP software equipped with high-quality features. ...
2. Total Commander. ...
3. WS_FTP Professional. ...
4. CuteFTP. ...
5. WinSCP. ...
6. Cyberduck. ...
7. FileZilla. ...
8. CrossFTP.

[More items...](#)

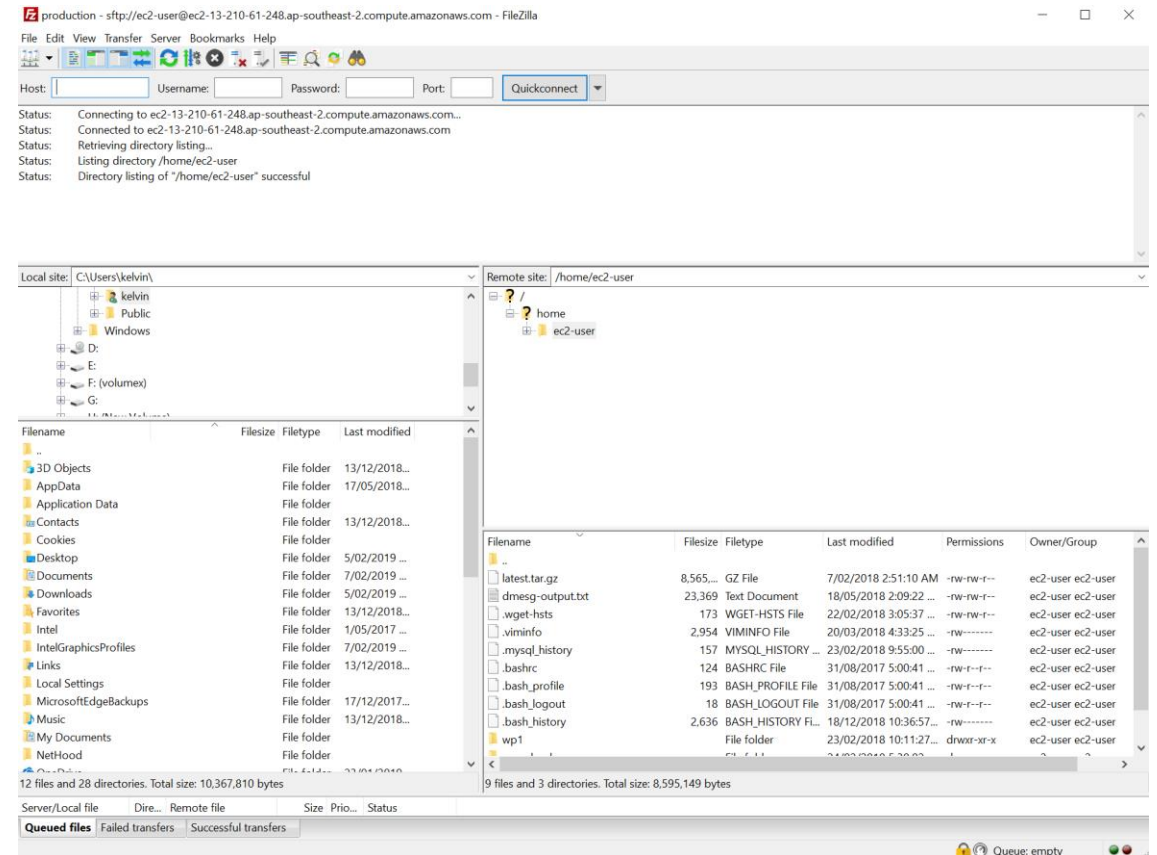
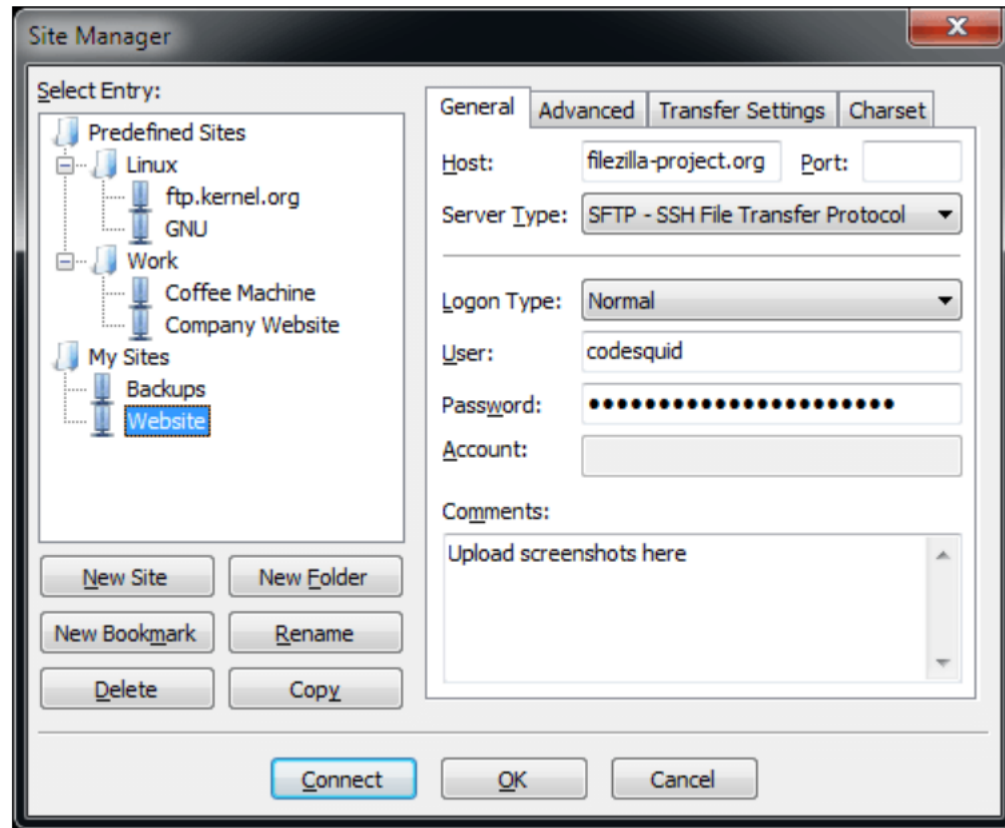
10 Best Free SFTP Servers for SSH File Transfers



Marc Wilson Last Updated : 03/14/2017

SFTP Servers (SSH File Transfer Protocol, not to be confused with Simple File Transfer Protocol) use a protocol that allows for the transfer of files over a secure SSH connection. Unlike FTP, which does not encrypt data transfers, SFTP provides the capability to securely transfer data with greater reliability and increased performance.

FileZilla



10 Best Free SFTP Servers for SSH File Transfers

Top 10 Best *SFTP* Servers



Marc Wilson Last Updated : 03/14/2017

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FileZilla Server Setup

Users

Page: General

- Shared folders
- Speed Limits
- IP Filter

Account settings

Enable account

Password: [masked]

Group membership: <none>

Bypass userlimit of server

Maximum connection count: 0

Connection limit per IP: 0

Force TLS for user login

Description

[Text Area]

You can enter some comments about the user

OK Cancel

Users

kelvin

Add Remove

Rename Copy

FileZilla Server Options

General settings

- Welcome message
- IP bindings
- IP Filter
- Passive mode settings
- Security settings
- Miscellaneous
- Admin Interface settings
- Logging
- Speed Limits
- Filetransfer compression
- FTP over TLS settings
- Autoban

FileZilla Server

General settings

Connection settings

Listen on these ports: 21

Max. number of users: 0 (0 for unlimited users)

Performance settings

Number of threads: 2

Timeout settings

Connections timeout: 120 in seconds (1-9999, 0 for no timeout).

No Transfer timeout: 600 in seconds (600-9999, 0 for no timeout). This value specifies the time a user has to initiate a file transfer.

Login timeout: 60 in seconds (1-9999, 0 for no timeout). This value specifies the time in which a new user has to login.

OK Cancel

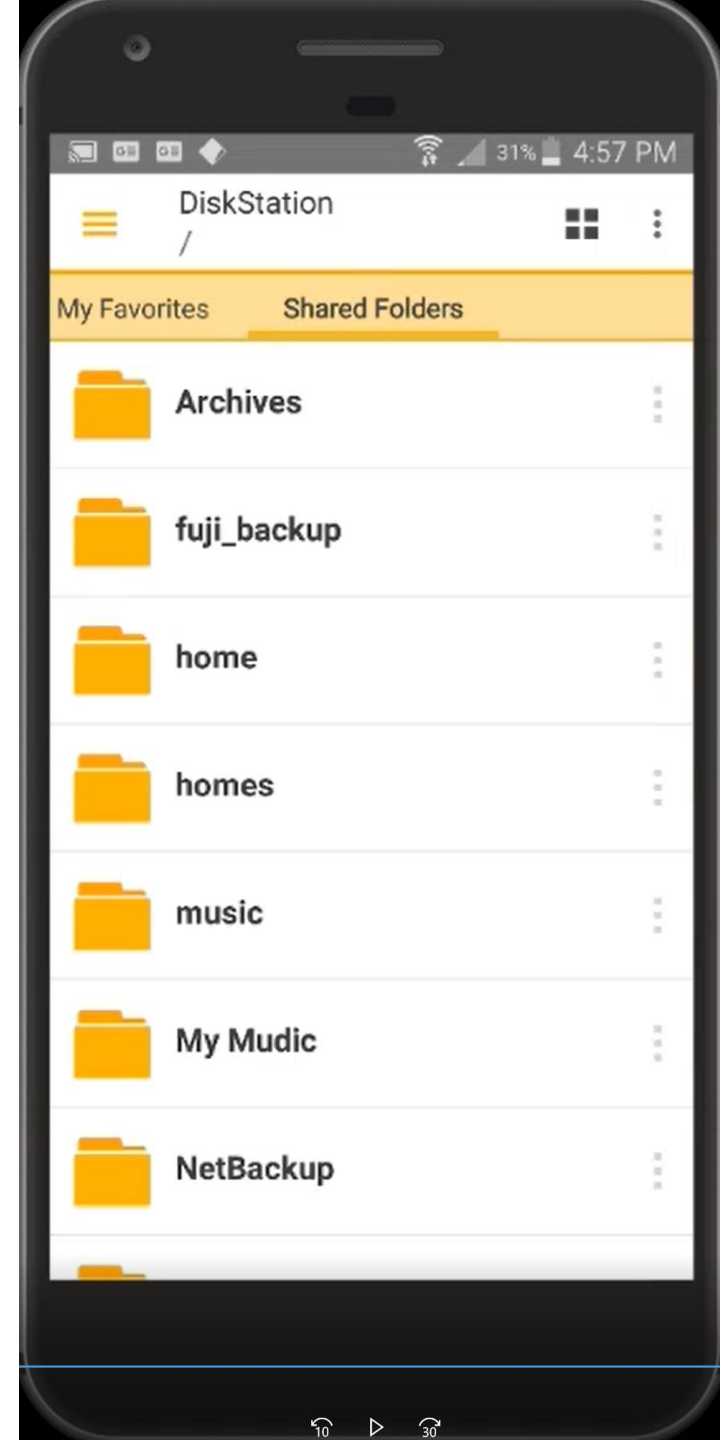
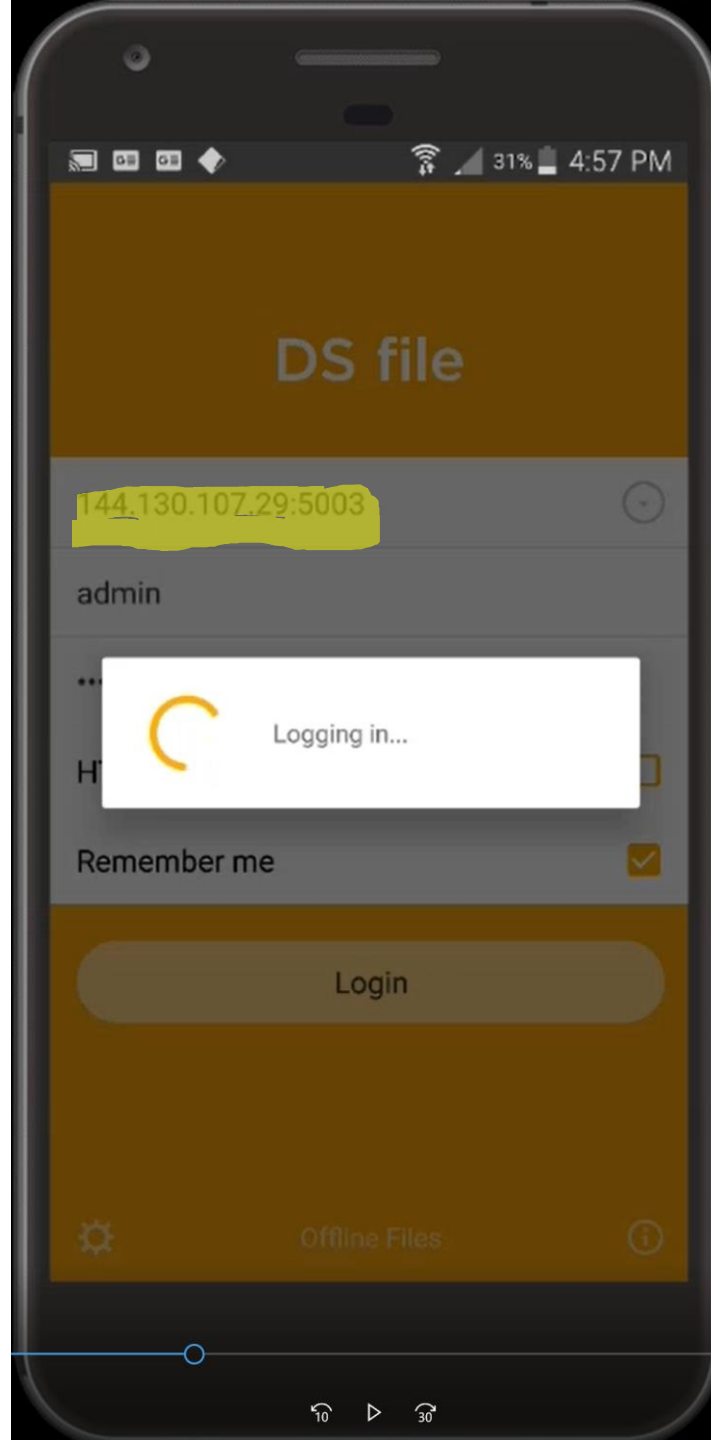
```
FileZilla Server (127.0.0.1)
File Server Edit ?
FileZilla Server 0.9.60 beta
Copyright 2001-2016 by Tim Kosse (tim.kosse@filezilla-project.org)
https://filezilla-project.org/
Connecting to server localhost:14147...
Connected, waiting for authentication
Logged on
Warning: FTP over TLS is not enabled, users cannot securely log in.
(000064)7/02/2019 16:18:52 PM - (not logged in) (192.168.0.1)> Connected on port 21, sending welcome message...
(000064)7/02/2019 16:18:52 PM - (not logged in) (192.168.0.1)> 220-FileZilla Server 0.9.60 beta
(000064)7/02/2019 16:18:52 PM - (not logged in) (192.168.0.1)> 220-written by Tim Kosse (tim.kosse@filezilla-project.org)
(000064)7/02/2019 16:18:52 PM - (not logged in) (192.168.0.1)> 220 Please visit https://filezilla-project.org/
(000064)7/02/2019 16:19:11 PM - (not logged in) (192.168.0.1)> USER kelvin
(000064)7/02/2019 16:19:11 PM - (not logged in) (192.168.0.1)> 331 Password required for kelvin
(000064)7/02/2019 16:19:11 PM - (not logged in) (192.168.0.1)> PASS *****
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 230 Logged on
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> FEAT
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 211-Features:
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> MDTM
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> REST STREAM
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> SIZE
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> MLST type*,size*,modify*;
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> MLSD
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> UTF8
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> CLNT
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> MFMT
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> EPSV
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> EPRT
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 211 End
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> CLNT AndFTP
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 200 Don't care
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> PWD
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 257 "/" is current directory.
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> NOOP
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 200 OK
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> CWD /
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 250 CWD successful. "/" is current directory.
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> FEAT
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 211-Features:
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(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> EPRT
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 211 End
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> PASV
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 227 Entering Passive Mode (192,168,0,16,36,207)
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> MLSD
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 150 Opening data channel for directory listing of "/"
(000064)7/02/2019 16:19:11 PM - kelvin (192.168.0.1)> 226 Successfully transferred "/"
Retrieving account settings, please wait...
Done retrieving account settings
```

ID /	Account	IP	Transfer
← 000064	kelvin	192.168.0.1	



Synology -

DS File App (Android)



Synology
DS App (I-Pad)

