

PureFTP Manager User Guide

Jean-Matthieu Schaffhauser
<jean-matthieu@sourceforge.net>

Wednesday, August 13, 2003

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1 Installing PureFTP Manager

Installing PureFTP Manager is as easy as installing any other application. Double-click `PureFTP Manager.pkg` and follow the installer. In a few moments, you'll be ready to configure your FTP server.

1.1 About pure-ftpd ...

Pure-FTPd is a very flexible FTP server. It has tons of features that make one the best FTP server available. You should know that pure-ftpd and PureFTP Manager are two different projects. Truth is, PureFTP Manager is just a specific distribution of pure-ftpd for Mac OS X. If you ever go to <http://www.pureftpd.org>, you'll be able to get access to pure-ftpd BSD licensed source code. If you ever want to compile it to replace the one contained within PureFTP Manager, make sure to configure it like this :

```
[root@fauve] # ./configure --with-everything --enable-osx \  
                  --sysconfdir=/etc/pure-ftpd \  
                  --without-inetd
```

Add any additional configuration flag (`./configure -help` to get a list) you may need... or wait for the next release of PureFTP Manager.

1.2 What is provided ?

PureFTP Manager provides a built version of PureFTPd for Mac OS X and a user interface to configure it.

1.3 Where are all the files ?

Here's a quick hierarchy of PureFTP Manager file structure :

```
/Applications  
PureFTPD.app
```

```
/Library/StartupItems/PureFTPD/:  
PureFTPD          StartupParameters.plist
```

```
/private/etc/pure-ftpd/:  
pure-ftpd.plist
```

```
/usr/local/bin/:  
PureFTPdOSX      pure-pw          pure-pwconvert   pure-statsdecode
```

```
/usr/local/include/:  
puredb_read.h   puredb_write.h
```

```
/usr/local/lib/:  
libpuredb_read.0.0.0.dylib  libpuredb_read.la          libpuredb_write.dylib  
libpuredb_read.0.dylib      libpuredb_write.0.0.0.dylib  libpuredb_write.la
```

```
libpuredb_read.a          libpuredb_write.0.dylib
libpuredb_read.dylib      libpuredb_write.a

/usr/local/man/man8/:
pure-authd.8              pure-mrtginfo.8          pure-quotacheck.8
pure-ftpd.8               pure-pw.8                 pure-statsdecode.8
pure-ftpwho.8             pure-pwconvert.8         pure-uploadsript.8

/usr/local/sbin/:
pure-authd                pure-ftpwho               pure-quotacheck
pure-ftpd                 pure-mrtginfo             pure-uploadsript
```

2 PureFTP Manager features

Before we go any further, let me introduce you to PureFTP Manager. The application is actually a simple frontend and configuration helper to a real cool free software called PureFTPd. Among its features, PureFTP Manager lets you manage a database of ftp exclusive users as well as a database of virtual servers. That's only a few things compared to PureFTPd capabilities but, hey! work is in progress and other cool things we'll be added soon :)

Here's what we have right now :

- Server status : Keeps you informed of your server load
- User Manager : A simple way to manage your virtual users
- Host Manager : Add and delete virtual servers in few clicks :)
- PureFTPd preferences : Sets current pure-ftpd options
- Supported Authentication Methods : Unix / PureDB
- Rendezvous support to publish your server on your company's network
- Bandwidth Management
- Quota support
- IP Filtering / Time restrictions

Right now, not supported, but look forward to finding them in the next release :

- Configuring TLS support for PureFTPd
- More Authentication methods : PAM / LDAP / *SQL

3 Preparing your system

3.1 Enable root access

Nothing's really required before you start PureFTP Manager for the first time, just make sure your root account is enabled as you need to log as root in the next step. On Mac OS X Server, the root account is enabled by default using the password of your admin account. On Mac OS X Client, use NetInfo Manager to enable this account.

3.2 PureFTP Assistant

If you successfully completed the previous step, you should have a valid root account on your system and are now ready to configure PureFTPd. To do this, go to your application folder and double-click the PureFTPd icon. Here's what you'll get :

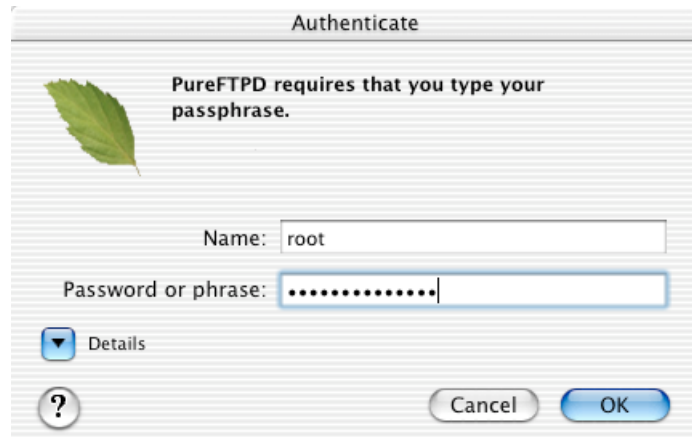


FIG. 1 – Authentification Window

Simply authenticate yourself as root and click the OK button to launch PureFTP Assistant. Note : PureFTP Assistant only shows up the first time you run PureFTPD. PureFTP Manager will be automatically launch next time you launch PureFTPD.

3.2.1 Enabling Anonymous access

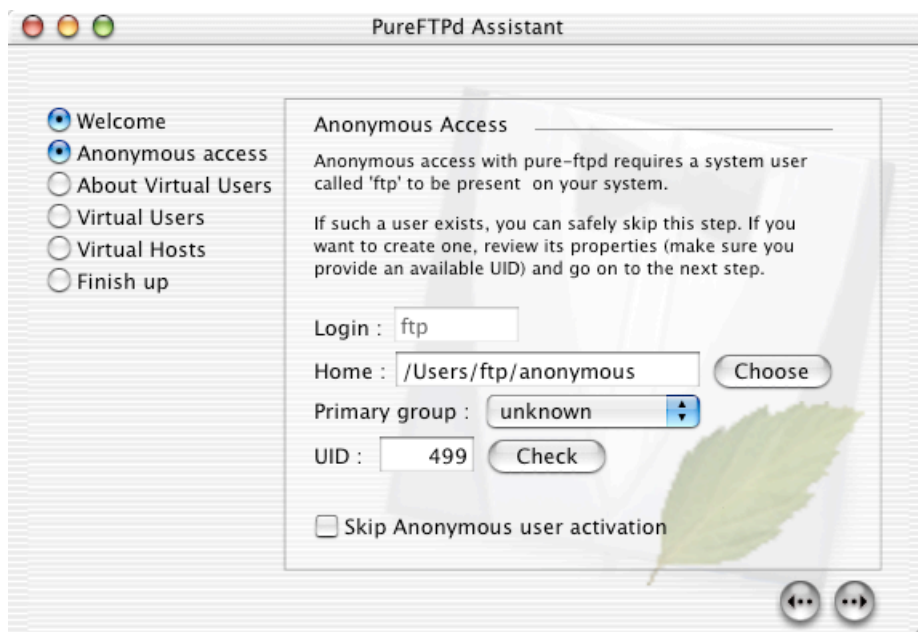


FIG. 2 – Anonymous access configuration

Should you use PureFTP Assistant to configure an anonymous FTP access on your computer. The common answer is yes. This will create a system user called 'ftp' along with its home directory and proper rights will be set so increase security. If you ever want to disable anonymous access, just go to PureFTP Manager Preferences and disable it.

3.2.2 Setting up Virtual Users

Virtual users is a simple mechanism to store a list of users, with their password, name, uid, directory, etc. It's just like your NetInfo database... But it's not. It's a different file, only for FTP.

It means that you can easily create FTP-only accounts without messing your system accounts.

Thousands of virtual users can share the same system user, as long as they all are chrooted, and they have their own home directory.

So a good thing to do before using virtual users is to create a system user for this. Of course, you can use any existing account like "nobody" (but not root), but it's better to have a dedicated account.

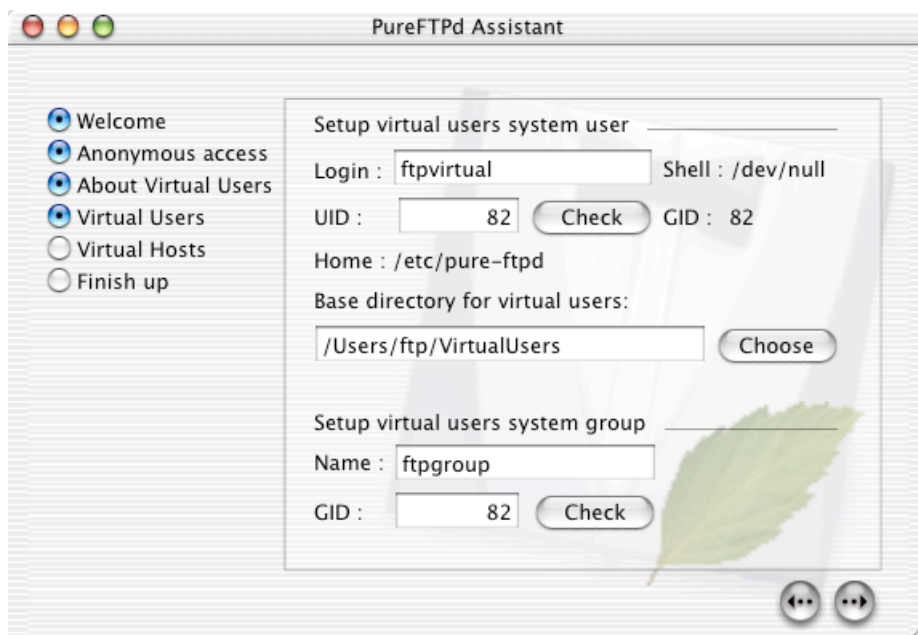


FIG. 3 – Virtual Users preferences

The suggested values should be working on your computer straight away. If you have a more exotic setup, feel free to make any change before going any further.

Go on to the end of this assistant. PureFTP Manager should launch automatically when this last exits.