How to install bbftp client and server under Linux – instructions for dummies

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(UTA-Hep note ….)

Bbftp is a transfer protocol for moving large files over network. It has been developed for the BaBar collaboration by French Institute for Nuclear and Particle Physics. The bbftp home page is http://doc.in2p3.fr/bbftp/

How to install bbftp client and server:

1. get the latest release from bbftp page. As of Feb 13th 2002 CE it can be obtained from ftp://ftp.in2p3.fr/pub/bbftp/bbftp-2.2.0-beta1.tar.gz
2. Unzip and untar it some temporary directory.
3. **Install bbftp client**: Go to directory bbftpc, find file Install.set , edit it. Change the INSTALLBINDIR parameter so that it points to the directory in which you want your bbftp client installed. Save the file.
4. Run Build install. It will compile everything and create the client executable in the directory you have specified.
5. **Install bbftp server**. You will need root privileges for this. Go to bbftpd directory, edit Install.set file and change the INSTALLBINDIR variable to the directory where you want bbftp server executables to be located. Then run build install.
6. Become root and go to /etc/pam.d directory. Create a file called bbftp containing the following two lines:
   ```
   auth required /lib/security/pam_pwdb.so shadow nullok
   account required /lib/security/pam_pwdb.so
   ```

That's all. To start bbftp server go to the directory where its executables sit and execute

bbftpd –b [*plus other options*]

Other options are described in the man pages, study them if you need them. They describe which port to use, additional settings and so on.

To start bbftp client do

bbftp –E *'commands'* –u *user hostname*

You will be prompted for user password on this host.

BBftp commands are described in manual. The most used ones are

put *filename* and get *filename* - similar to those in normal ftp. Read manual to learn more.

The installation described above is minimal. There is more to bbftp than that – more advanced authentication schemes and so on. Read documentation to learn more.