

Truecrypt

- Dual platform (windows and linux)
- Other platforms are supposedly being worked on
- Open source
- On the fly



Features

- Can use a container (host sees as a file)
 - Can use a partition or other device (such as usb key)
 - Containers created in linux can be used in windows, and visa versa
 - Allows for a “hidden” container, which allows for “plausible deniability”
-
-

Win 32

- Works great and easy to use
- Moderately easy to install
- Requires administrative privileges to install
- Originally created for win32



Linux features/issues

- If you have the right distribution, with the right kernel, you're golden (install the package for that distro)
 - Requires root access to install, and use
 - Does not currently appear to work with kernels 2.6.19 and newer (though patches are available in the forums, I haven't tested them successfully yet)
-
-

Prebuilt packages available for:

- Fedora core 4/5 (x86)
 - OpenSuse x86 (10.0 – 10.2)
 - OpenSuse x86-64 (10.1)
 - Suse 9.3 (x86)
 - Ubuntu 5.04 – 6.10 (x86) (desktop not server)
 - Ubuntu 6.06 (x86-64)
 - Note: You must have the original kernel that came with the distro
-
-

Compiling from source, you'll need:

- If you don't have the same kernel your distro came with (or a distro not on the list), you'll need to compile truecrypt from source
 - You will need the kernel source as the build script requires it to compile all the kernel modules
 - You'll also need the standard build utilites (debian/ubuntu use: “apt-get install build-essential”)
 - Time, as in allow an hour to build
-
-

Linux Usage

- `Truecrypt -c container-name.tc`
 - Select one of 3 different hash type
 - Select one of 8 different encryption types
 - Select either key or password based authentication (or both)
 - Usage is command line based (no gui), but not too different from other command line utilities (particularly mount)
 - `Truecrypt container-name.tc /media/mountpoint`
-
-