



Using SSH and sFTP to Access the University's Unix Timesharing Service

Overview

Your University Computing Account gives you access to file storage space on the Unix Timesharing Service. In order to access this space, you must use one of two secure connection methods: SSH or sFTP.

- SSH, which stands for Secure Shell, is a program that enables you to securely log in to a remote computer. SSH should be used in place of telnet, which is an insecure method of connecting to a remote computer.
- sFTP stands for secure file transfer protocol. It enables you to transfer files securely between two computers. sFTP should be used in place of FTP because files that are transferred using FTP are not encrypted.

Instructions for using specific SSH and sFTP clients—PuTTY and WinSCP (Windows), built-in SSH, built-in sFTP, and Fetch (Mac), and built-in SSH and gFTP (Linux)—are available on the technology.pitt.edu Web site in the Help Sheets section.

If you use another software client that requires FTP, such as Web authoring software, then you will need to change that program's settings so that it uses sFTP. Similarly, you will need to update the settings of any telnet client so that it uses SSH. This document describes the settings you will need to use.

General Configuration Instructions for SSH Utilities

Use the following settings to establish an SSH connection to the Unix Timesharing Service.

- **Hostname:** unixs.cis.pitt.edu
- **Port:** 22
- **Connection type:** SSH
- **Username:** Your University Computing Account username
- **Password:** Your University Computing Account password

General Configuration Instructions for sFTP Utilities

Use the following settings to establish an sFTP connection to the Unix Timesharing Service.

- **Hostname:** unixs.cis.pitt.edu
- **Port:** 22
- **File Protocol:** SFTP
- **Username:** Your University Computing Account username
- **Password:** Your University Computing Account password

Questions and Feedback

The Technology Help Desk at 412 624-HELP [4357] is available 24 hours a day, seven days a week to answer your technology-related questions. Questions can also be submitted via the Web at technology.pitt.edu.