





SSH

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Note: We are working on updating our documentation, this page has been identified as still needing improvement. This notice will be removed once these improvements are complete.

SSH Overview

SSH is a protocol designed to allow secure communication between hosts on the Internet. All SourceForge.net project services for developers (including shell service and Git, Hg, and SVN write access) are provided using SSH. SSH is used for improved security over alternatives, such as older protocols like TELNET and FTP.

SSH tool suites typically include an SSH client that can be used to access remote hosts interactively, one or more SSH-based file transfer tools, and utilities for managing the SSH keys used for authentication to remote hosts.

SSH tools will support either version 1 or version 2 of the SSH protocol, or both. All SourceForge.net hosts support both the SSH1 and SSH2 protocols. We recommend using SSH2 due to the security enhancements added in SSH2, not found in SSH1. Consult the documentation provided with your SSH client to determine protocol compatibility and vendor recommendations.

SSH Clients

SourceForge.net supports two SSH clients: OpenSSH and PuTTY. OpenSSH is included with Linux, FreeBSD, Mac OS X, Fink (which runs on Mac OS X) and Cygwin (which runs on Microsoft Windows platforms). PuTTY is available for Microsoft Windows users.

OpenSSH provides the following tools:

- `ssh`: command-line and interactive tool for interactive host access, executing commands on a remote host, wrapping other protocols (like Git) with SSH.
- `scp` (</p/forgedocumentation/SCP/>): command-line file transfer client.
- `sftp` (</p/forgedocumentation/SFTP/>): interactive file transfer client.

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