

comp.security.ssh: Confusing! ssh, ssh1, ssh2, etc.

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I've tried searching for answers to my questions but SSH2 gives me a lot of false hits. One good page is <http://www.snailbook.com/faq/scp-ssh-to-ssh2.auto.html>.

This is how I understand the current situation of SSH. PLEASE correct any misconceptions!

SSH Communications Corp has ssh1 and ssh2 as separate programs. OpenSSH has both protocol 1 and protocol 2 in one program.

SSH Comm Corp's ssh1 uses the same protocol as OpenSSH's protocol 1, but SSH Comm Corp's ssh2 uses a completely different protocol than OpenSSH's protocol 2.

I'm able to connect from my OpenSSH box into an SSH Comm Corp server just fine, where the server only has ssh2 installed. (The opposite is also true; I can connect from SSH Comm Corp box to OpenSSH box.) This implies that OpenSSH's protocol 2 (not protocol 1) and ssh2 are somehow compatible.

However, the two are for some obscure reason incompatible when it comes to scp, as that web page described. (1) Can anyone explain this? (2) And does anybody know if there's any way around this (short of downloading SSH Comm Corp's proprietary ssh2 client, or using sftp...see below)?

Lastly, is sftp simply an interface on top of scp (that is, it's just a shell that uses scp or some identical code from scp to do transfers)? That's what I thought, until I found that sftp still works (though scp doesn't).

Can anybody clear up these issues? Thanks in advance!