

How to transfer files from local to CSE linux server?

Jnzhang

<http://corner.cse.cuhk.edu.hk/tech/l2tp-ipsec.html>

<https://www.cuhk.edu.hk/itsc/network/vpn/vpn.html>

<http://www.tecmint.com/scp-commands-examples/>

1. Connect to CSE vpn

- Choose a tutorial with your own operating system:
<https://www.cuhk.edu.hk/itsc/network/vpn/vpn.html>
- Then follow the tutorial except for 1) replacing the cuhk server name with the cse server name 2) replacing your cuhk account with your cse account. <http://corner.cse.cuhk.edu.hk/tech/l2tp-ipsec.html>

| | |
|-----------------------|------------------------|
| Server name | vpn.cse.cuhk.edu.hk |
| Pre-shared key | csevpn3 |
| Login name | Your CSE UNIX username |
| Login password | Your CSE UNIX password |

2. Connect to cse server directly (no need for the gateway)

```
Terminal Shell Edit View Window Help
jenny — ssh -oHostKeyAlgorithms=+ssh-dss jnzhang@sparc1.cs.cuhk.hk — 126x33
jenny@jennys-MacBook-Air:~$ ssh -oHostKeyAlgorithms=+ssh-dss jnzhang@sparc1.cs.cuhk.hk
The authenticity of host 'sparc1.cs.cuhk.hk (137.189.88.101)' can't be established.
RSA key fingerprint is ██████████
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added ██████████ to the list of known hosts.
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                        SECURE SHELL LOGIN

* Use -x to disable X11 forwarding
* Use -i to state your private key file

jnzhang@sparc1.cs.cuhk.hk's password: ██████████
```

Disconnect VPN (L2TP) 00:20:14
VPN (L2TP)
✓ CSE VPN
Show Time Connected
✓ Show Status While Connecting
Open Network Preferences...

Terminal type? xterm

3. Use *scp* to transfer files

- After making sure you are in the cse network, you can use the *scp* command in your local directory (not in the cse server).
- *scp* *<the file you want to transfer>* *<cse account>* *@sparc1.cs.cuhk.hk:<the path you want to put your c file, you can use '~' as your home directory>*
- <http://www.tecmint.com/scp-commands-examples/>

```
jenny@jennys-MacBook-Air:~/Desktop$ scp desk_001.jpg jnzhang@sparc1.cs.cuhk.hk:~
```

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```

```
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SECURE SHELL LOGIN
```

- * Use -x to disable X11 forwarding
- * Use -i to state your private key file

```
jnzhang@sparc1.cs.cuhk.hk's password: 
```

```
desk_001.jpg
```

```
100% 168KB 323.6KB/s 00:00
```

```
jenny@jennys-MacBook-Air:~/Desktop$
```

4. Find your files

- Now you can find your file in the cse server.
- Submit your c file to the judge system.