

## SSH Tutorial: Quick Reference

Last Updated Wednesday, 10 January 2007

To connect to CIS computers, use SSH. Please note, unsecured protocols such as telnet are no longer allowed in the center and will fail if attempting to connect to any hosts in the center.

### Windows

On Windows, you have a few options for SSH clients. We recommend the following options:

- PuTTY
- SSH Secure Shell - to get the same version we use in the labs, download version 3.2.9 from their FTP site

### Mac OSX - UNIX Sun Stations - Linux

MacOS/X, UNIX Sun Stations and Linux all have ssh built in. Open a Terminal and type the following to see how it works:

```
> ssh --help
```

A simple example of using it is as follows:

```
> ssh yourcisname@someciscomputer
```

and it will connect.

## Host Keys

SSH clients will prompt you to accept a host's key the first time you connect to the host. Host keys are unique and indicate that you're connecting to the same computer every time. If it asks you to accept a different key in the future, be careful of just accepting the new key without finding out if it really changed.

## Hosts

Here are some computers you can connect to. When you're in building 76, you might be able to just connect to 'computername' instead of 'computername.cis.rit.edu'.

- borman
- chawla
- glenn
- mcnair
  
- onizuka
- ramon
- resnik
- smith

The machines in that list are safe to connect to via SSH. There are no other publicly-accessible machines at this time. You may have heard about some of our servers, or even seen someone connect to one of them for some reason. Please refrain from connecting directly to servers as they already have quite a bit to serve already. Connecting to any UNIX machine in the DIP lab is probably your best bet.