

SSH lab

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1 Basic connection

You will be given details of server(s) by the lecturer, to include name/IP and username. Make an SSH connection to each server using the `ssh` command. Note down what operating system each server appears to be running.

1.1 Basic connection using PuTTY

Use the PuTTY application to connect to the server instead of the SSH command. Take time to modify the fonts/colours to make the text more readable. Save the configuration for next time.

Re-connect using your saved configuration.

2 Key setup

Following the notes, use `ssh-keygen` to set up a public/private key pair.

Use `check_key_exists.ps1` to confirm that your keys are in the correct place.

2.1 Submit key

Submit your PUBLIC key as shown by the lecturer.

3 Key-based connection

Use the key to login as before. Note the lack of a password prompt.