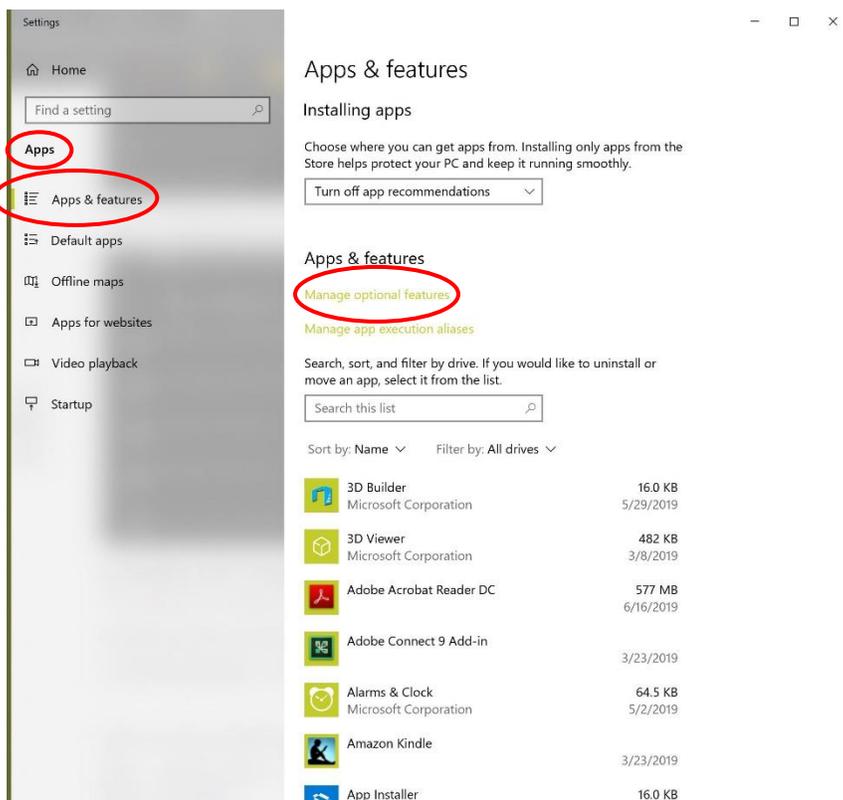
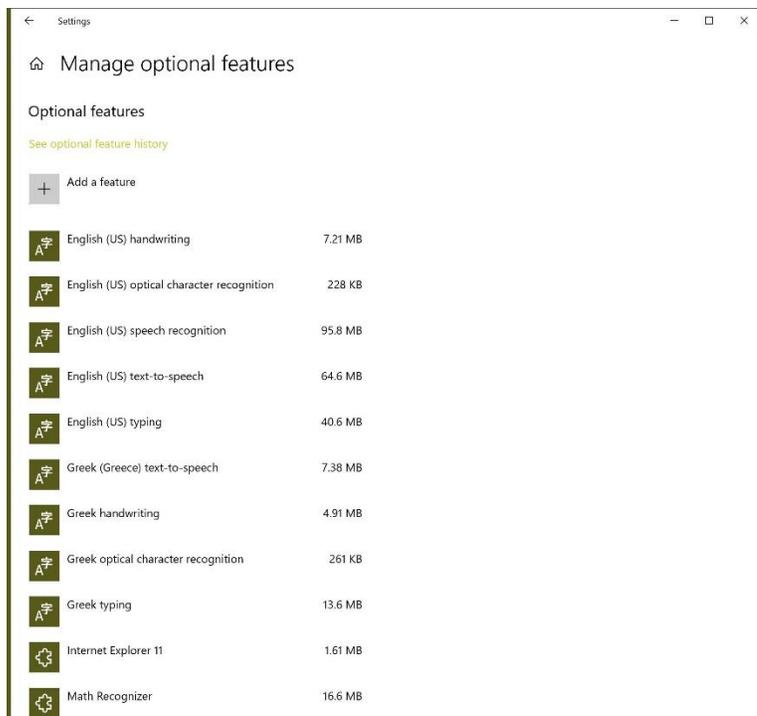


Using OpenSSH in Windows 10

As a client

1. Install the optional feature OpenSSH Client (or make sure it is installed). Go to Settings > Apps > Apps & features > Manage optional features. If it is already installed, it will show up in the list now on screen. If not, click “Add a feature” at the top and scroll down to find and install it.





2. Open the Windows app “command prompt”
3. Type ssh followed a space and then the user and address you are trying to connect to. Some examples: ssh localhost (connects to one’s own computer), ssh chris@129.64.135.126 (connecting to Chris’s account at said ip address).
4. Most likely, the “authenticity of host” won’t be established. Continue connecting anyways by typing “yes” if the host is trusted.
5. Type in the password.
6. Done. You are now in the command prompt (aka terminal) of the computer you connected to.

```
C:\Users\Sarah>ssh pi@129.64.54.79
The authenticity of host '129.64.54.79 (129.64.54.79)' can't be established.
ECDSA key fingerprint is SHA256:/J3H0Zy84XNceL/VSF0H6ulhUjbV+cASN/TP60x2W9I.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '129.64.54.79' (ECDSA) to the list of known hosts.
pi@129.64.54.79's password:
Linux raspberrypi 4.19.42-v7+ #1219 SMP Tue May 14 21:20:58 BST 2019 armv7l

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Thu Jun 27 12:49:28 2019 from 129.64.142.174
pi@raspberrypi:~$
```

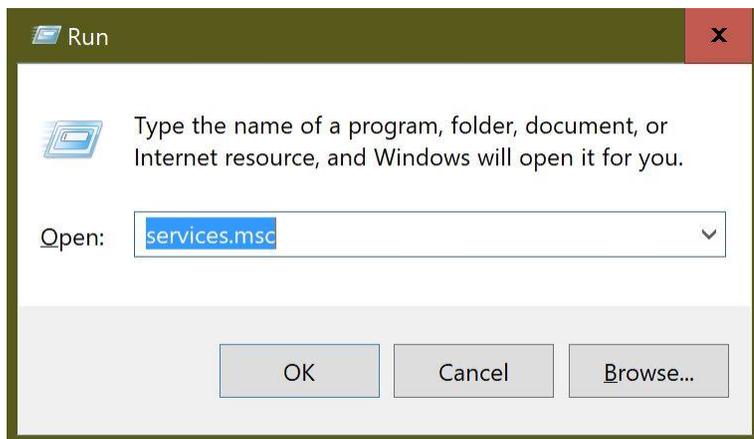
Connecting to
a raspberry pi
via SSH

To setup an SSH Server

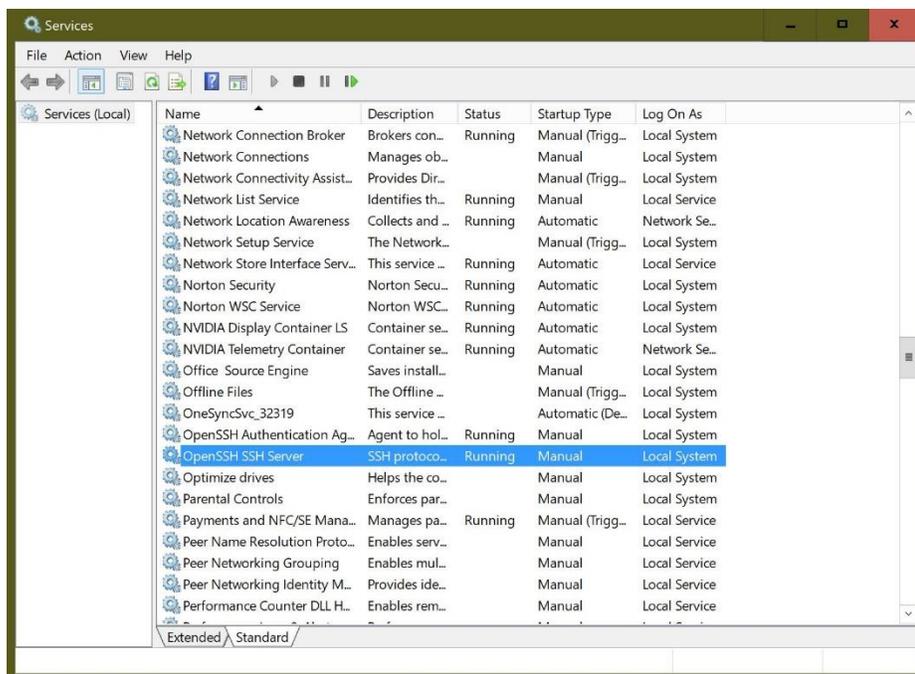
1. Install the optional feature OpenSSH Server. Go to Settings > Apps > Apps & features > Manage optional features. Click “Add a feature” at the top and scroll down to find and install it.¹

¹ If OpenSSH Server does not install within a minute or two, restarting the computer can help.

- Open Microsoft services by pressing Win+R (the windows key and the R key simultaneously). Type in services.msc and click “OK.” This launches a window displaying the services available on the computer.



- Scroll down to find the service “OpenSSH SSH Server.” Right click on the service and select start or double click it and press start. When it is running, the status column will say “Running.”²



- Done. The server is now active and can be connected to by external computers.

² One can also change it to start on start up (or other options) by right clicking and selecting “properties” (properties will also open if the service is double clicked). Under the “general” tab, change the startup type as desired.