

## 1 Imperial VPN

If you are not on the Imperial Campus, make sure you are connected to the Imperial VPN!

<https://www.imperial.ac.uk/admin-services/ict/self-service/connect-communicate/remote-access/virtual-private-network-vpn/>

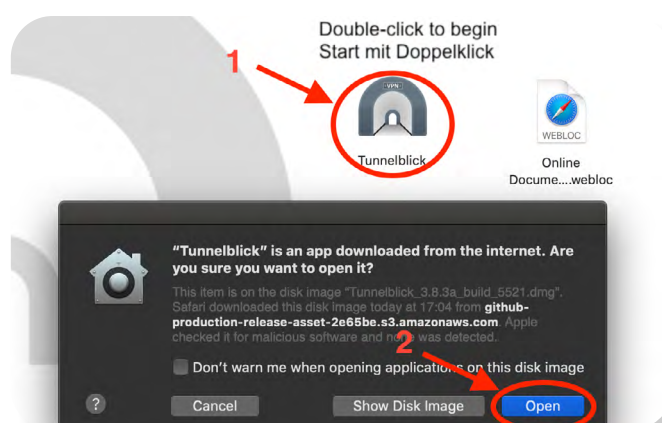
Download the Imperial VPN configuration file from here:

<https://openvpn.ic.ac.uk/ic.ovpn>

Download the Tunnelblick VPN client from <https://tunnelblick.net> and download the Latest Stable Release.



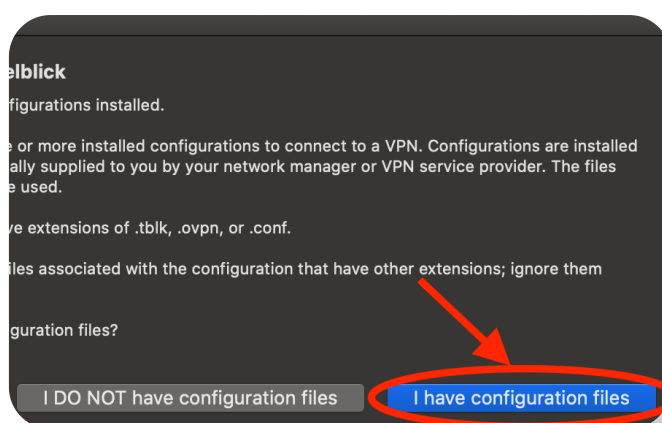
Open the DMG installer of Tunnelblick, double click on the app icon and allow it to be opened.



You will be asked if you already have configuration files.

Click on "I have configuration files".

Then click on "OK".

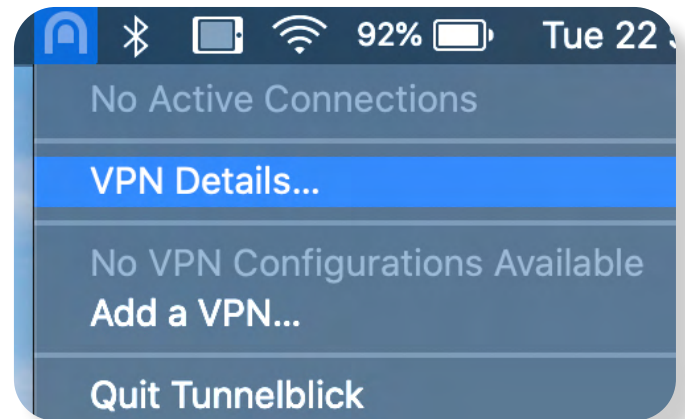


# Virtual Imperial Set Up Guide

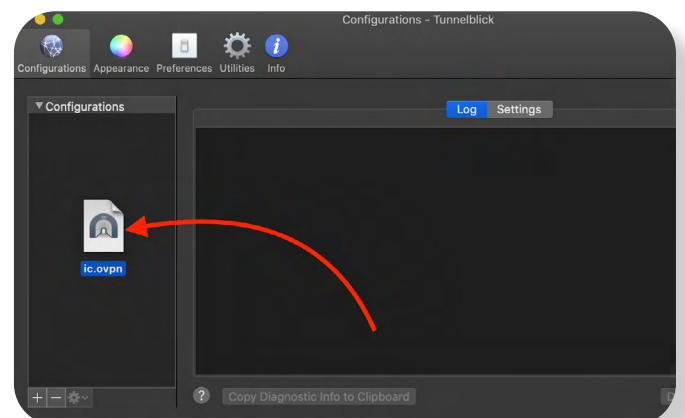
Mac

You should now see the Tunnelblick icon in the MacOS menu bar.

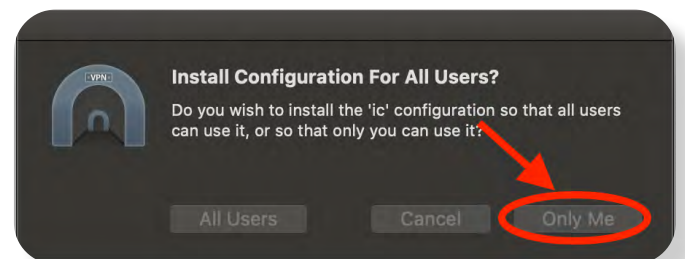
Click it and select “VPN Details...”.



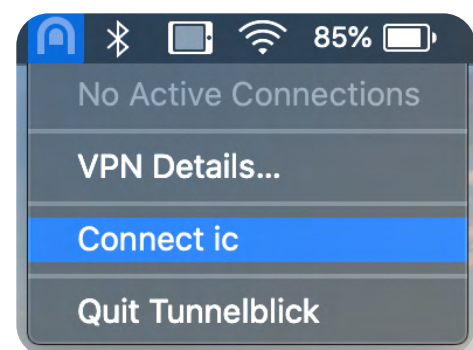
Drag the Imperial VPN configuration file downloaded in Step 1 in the left panel of the Tunnelblick windows that was opened after Step 4.



When prompted, select “Only Me” and insert your user password. You can then close the Tunnelblick window.

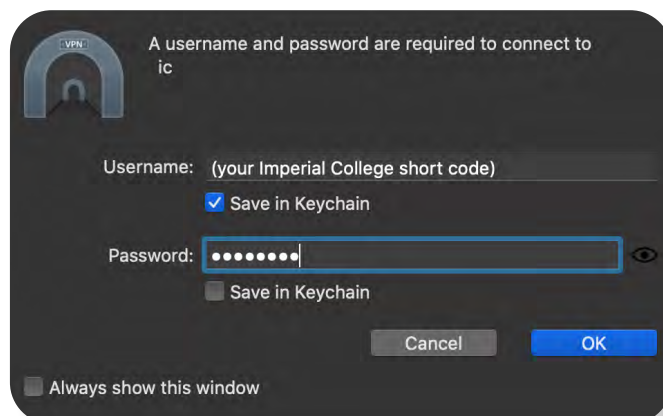


From the MacOS menu bar, click on the Tunnelblick icon and click on “Connect ic”.



You will be asked your Imperial College username and password. You can save them in Keychain if you wish.

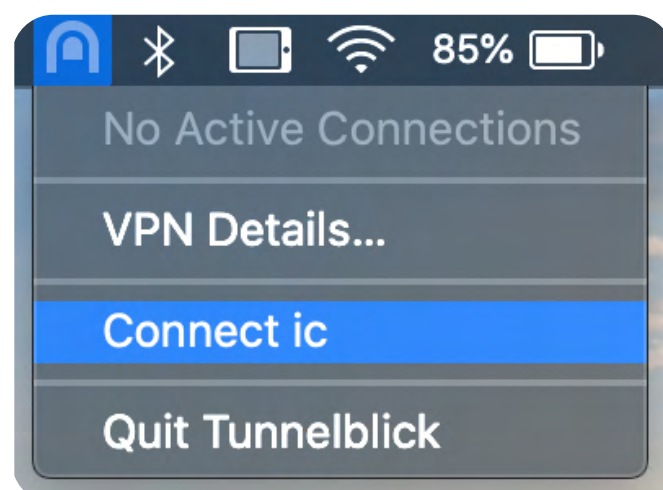
Input them and press “OK”.



If the configuration is successful, you should see the following prompt in the top right corner of your screen. The VPN configuration is complete.

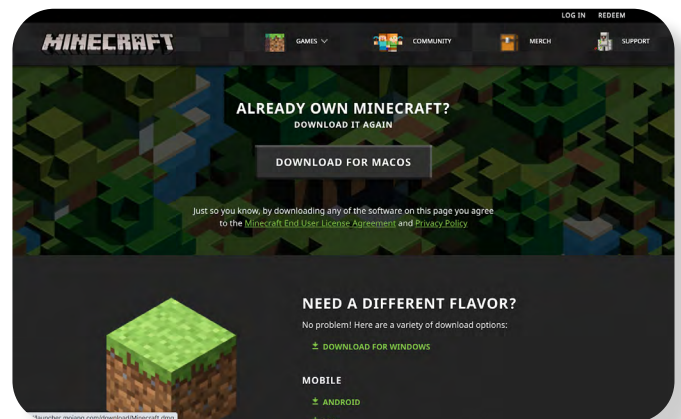


To reconnect to the VPN at a later time after the initial configuration, just open Tunnelblick from the launchpad, click the icon in the menu bar and select “Connect ic”.



## 2 Minecraft Installation

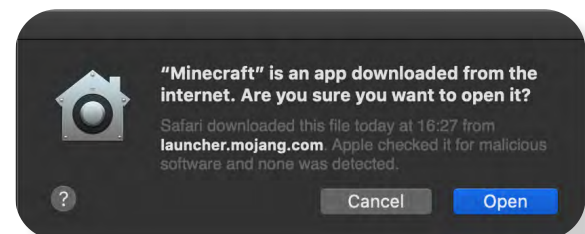
Download the Mac Minecraft installer from <https://www.minecraft.net/en-us/download/> by clicking on the “DOWNLOAD FOR MACOS” button.



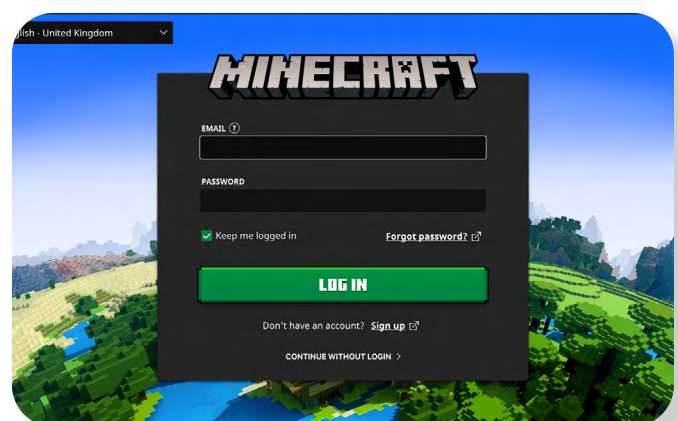
Open the Minecraft.dmg file that you just downloaded and drag the Minecraft app to your applications folder.



From your launchpad, open Minecraft. You will be prompted with the following message, please click on “Open”.



You will be asked to input your Minecraft account details. After doing so, click on “LOGIN”.



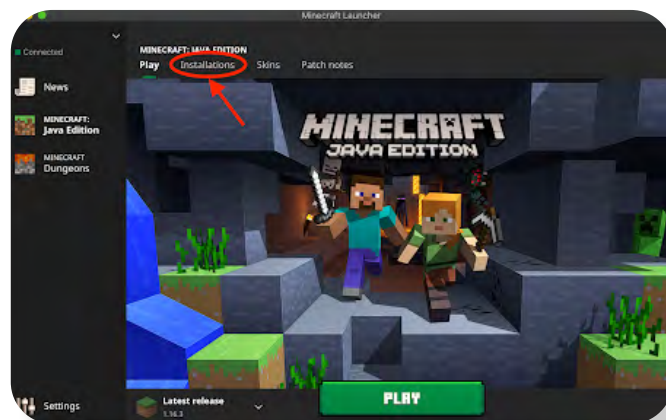
## 3 Minecraft Set-Up

It is important to follow these steps to join the server since the server is run on an older version of Minecraft (1.15.2). Starting the game without selecting the correct version of Minecraft will prohibit you from joining the server.

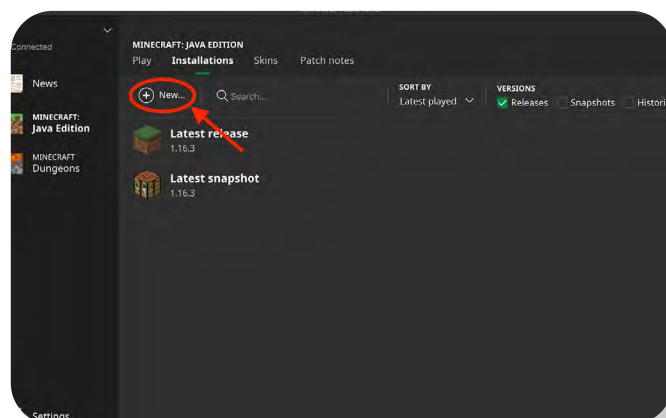
**You will only have to follow these steps once, when you first join!**

Open the Minecraft launcher but do not press play. You will see the following window.

In the top menu, click the “Installations” button.

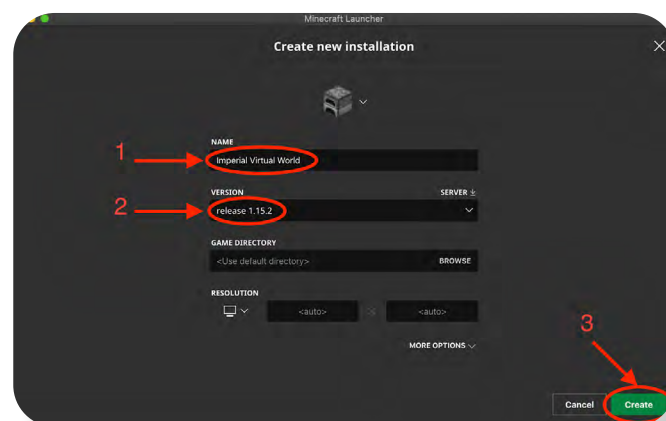


Create a installation by clicking “New”.



Give the new installation a name (for example “Imperial Virtual World”), and from the version drop-down menu select “release 1.15.2”.

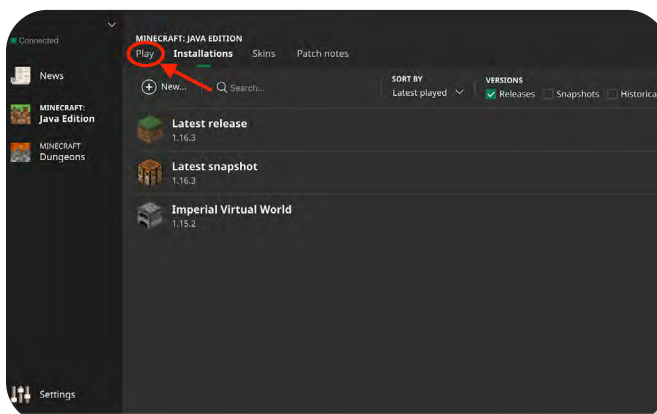
Leave everything else unchanged and press “Create”.





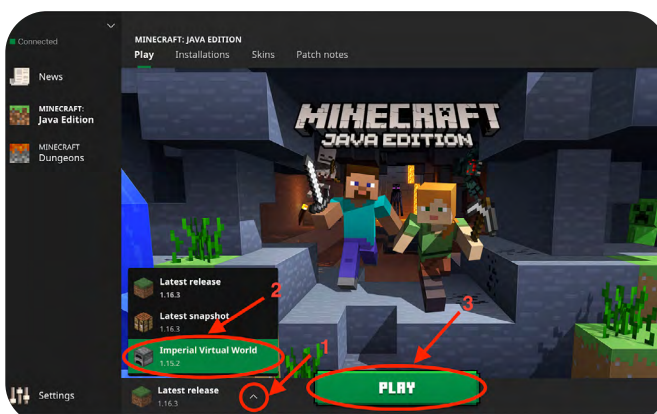
You should now see your new installation in the list.

Press the “Play” button in the top menu to return to the main screen.

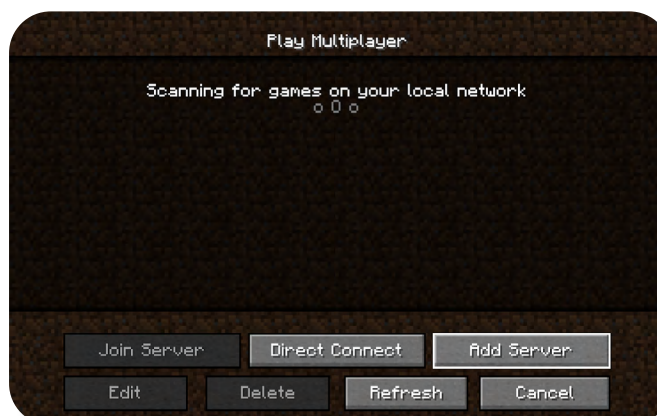


Select the installation that you just created from the drop-up menu and click “Play”. Minecraft will open.

Make sure that before you enter the game you are connected to the Imperial VPN as instructed in the steps above.



Select “Multiplayer” then select “Add Server”.



Input a server name of your choice and the IP address and port of the world that you wish to join.

Press “Done”.



Double-click on the server that you just added.

You will now enter the Imperial College Virtual World, enjoy!

## 4 Troubleshooting

In some cases, you might see the following message after you connect to the VPN.

This message DOES NOT indicate that the VPN connection is unsuccessful, it just warns you that your public IP address has not changed. This is to be expected, but you will still have access to the College's services that require the VPN, such as the Minecraft server.

You can either ignore this message, or hide it forever. To hide it, follow the steps below:

From the menu bar, click the Tunnelblick icon and select "VPN Details..."

Select the "ic" configuration in the left panel, and click on "Settings" in the main section.

Make sure that the "Check if the apparent public IP address changed after connecting" checkbox is **UNCHECKED**.

Quit Tunnelblick and reopen it. You should no longer see the warning the next time you connect to the VPN.

