



# UCL Remote Access VPN Service Linux User Guide

Version	1.1
Date	22 <sup>nd</sup> June 2012
Author	DP
Document Details	N/A
Last Updated	26 May 2017

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## Revision History

Date	Version	Author	Purpose
15 <sup>th</sup> July 2011	1.0	DP	Original draft version.
22 <sup>nd</sup> June 2012	1.1	DP	Added section on installing though web browser.
14 <sup>th</sup> November 2012	1.2	MC	Updated AnyConnect standalone client
13 <sup>th</sup> February 2014	1.3	ECR	Updated instructions for new client, paths.
6 <sup>th</sup> May 2015	2.0	MC	Updated to reflect new version of client
5 <sup>th</sup> November 2015	4.2	MC	Updated to use AnyConnect 4.2
3 <sup>rd</sup> October 2016	4.3	MC	Updated to use AnyConnect 4.3
26 <sup>th</sup> May 2017	4.4	MC	Updated to use AnyConnect 4.4

## Formatting Conventions

Courier New	Implies an action
<i>Italic</i>	A variable which must be replaced or for emphasis
<u>Underline</u> or <b>Bold</b>	Important note or action

## 0 Introduction

The purpose of this document is to provide Linux users with instructions for connecting to the UCL Remote Access VPN service using the Cisco AnyConnect Secure Mobility Client.

The UCL Remote Access VPN service provides secure connections into the UCL corporate network to access UCL private resources otherwise un-accessible from outside the UCL network.

## 1 Getting Connected

### 1.1 Requirements

The following is required to use the UCL Remote Access VPN service.

- A network connection outside of the UCL corporate network e.g. eduroam, broadband connection from home, café hotspot wireless etc
- A UCL User ID and password.

### 1.2 Abiding by UCL Computing Regulations

When connected to the UCL Remote Access VPN Service, **ALL** your traffic will be sent through the UCL network, regardless of whether the destination is a UCL address or an address on the Internet.

All users must be aware of this fact and abide by the [UCL Computing Regulations](#) and the [JANET Acceptable Use Policy](#) when connecting to the Remote Access VPN Service.

### 1.3 Install Cisco AnyConnect Secure Mobility Client manually

IMPORTANT – ensure you are connected to a network that is **outside** the UCL network i.e. eduroam, a home broadband connection, café wireless hotspot etc.

1. Direct your browser to <https://www.ucl.ac.uk/isd/staff/network/vpn/guides/linux>
2. Download the Cisco AnyConnect VPN Client software appropriate for your version of Linux. These are entitled “xxbit Cisco AnyConnect Secure Mobility Client” (where xx represents the 32 or 64bit versions).
3. Make sure this is in a location that you will remember. For example '/home/username/Downloads' is a common place for Ubuntu systems.
4. You will need to extract the tarball ('tar.gz') file, including all of its subdirectories. This can be done using the GUI, or via the terminal. The terminal method is outlined below:
  - a. Open a terminal window.
  - b. Navigate to the directory containing the anyconnect tarball. (e.g. "cd /home/username/Downloads")
  - c. Extract the tarball using tar:

```
"tar -xvzf linux_32_setup.tar.gz "
```

for 32bit OS or

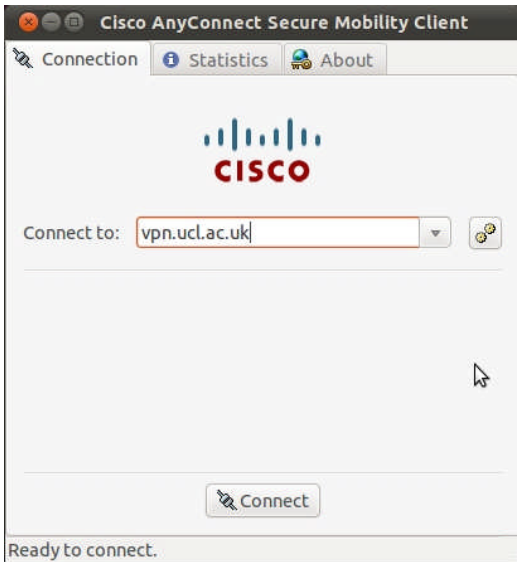
```
"tar -xvzf linux_64_setup.tar.gz "
```

for 64bit OS.  
(where xxxx is the latest version of the standalone AnyConnect client).

5. If you used the terminal method described above, you will already have a terminal window open that is in the correct directory, otherwise, open one and navigate there using the instructions above.
6. Enter the 'vpn' subdirectory: `"cd anyconnect-4.4.xxxx/vpn"`
7. You will need to run the install script using superuser privileges. On Ubuntu (and other Debian) based systems, this is accomplished through the 'sudo' command. Different distributions may require other commands, such as 'su', or to log in as root:  
`"sudo ./vpn_install.sh"`
8. Agree to the licence agreement and installation will start.

#### 1.4 Subsequent connections to the UCL VPN service.

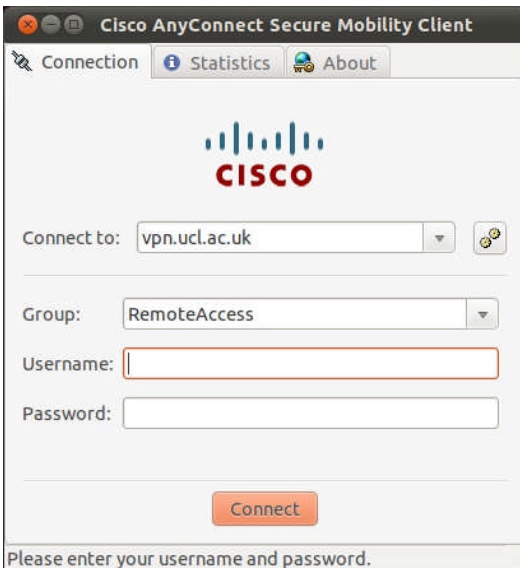
After launching the Cisco AnyConnect VPN client, you will be asked for the address of the VPN server you would like to access.



For accessing the UCL VPN service, enter the address:  
`vpn.ucl.ac.uk`

Click "Connect"

Next, click the "Select" button.



A listing of groups will be provided. From the Group pull down list select "RemoteAccess".

Enter your UCL Internet Username and password into the spaces provided and click "Connect".

To disconnect, right-click on the Cisco AnyConnect VPN Client icon in the system tray and choose "Disconnect". This will disconnect you from the UCL VPN service but will still leave the client running in the background. Choosing "Quit" will disconnect you and exit the client as well.

## 2 Help and Support

### 2.1 Remote Access VPN Service help

If you experience any problems, please contact the ISD Service Desk, who will be able to assist with basic support queries and will forward on other queries to the correct team.

The Service Desk is located in the DMS Watson Science Library, Malet Place. The Service Desk web page provides details on opening times and a location map:

<http://www.ucl.ac.uk/isd/common/servicedesk>

Although Linux is un-supported, some tips and advice for resolving common problems with getting Linux clients connected to the Remote Access Service can be found at

[https://www.ucl.ac.uk/isd/staff/network/vpn/help/linux\\_help](https://www.ucl.ac.uk/isd/staff/network/vpn/help/linux_help)

### 2.1 MyFinance Compatibility

MyFinance can be accessed and used through the Remote Access VPN Service.

MyFinance is currently only supported on certain browsers. Please refer to the Client System Requirements document for further information [http://www.ucl.ac.uk/finance/docs/docs-myfinance/Client\\_System\\_Requirements\\_v0.6.pdf](http://www.ucl.ac.uk/finance/docs/docs-myfinance/Client_System_Requirements_v0.6.pdf)

All queries relating to the use of MyFinance must be directed to MyFinance Support by emailing [myfinancehelp@ucl.ac.uk](mailto:myfinancehelp@ucl.ac.uk)