Connect to CUHK VPN on Mac platform

(This user guide suits Mac OS 10.14 the best and is applicable to other Mac OS versions with slight difference in user interface.)

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For enquiries, please contact ITSC

- Hotline: 3943 8845 (during office hours)
- Online Service Desk: http://servicedesk.itsc.cuhk.edu.hk

A. Get Started

Maximum Connection Time Per Session:

- 8 hours with 1-hour idle time out, you can make the connection again when the session expires.

Known Issue:

- You may experience an unstable VPN connection from mainland China with the gradual upgrade of China’s Great Firewall.
- (For MacOS / iOS / iPadOS) Applications running on a VPN session may be interrupted every 48 minutes. During the interrupted period, applications normally will try to perform recovery itself. If the recovery can be made successfully, the application can be used again after a short pause. Otherwise, users will find the applications stop working and need to restart the applications.
B. Add a new VPN profile

1. Network icon > Open Network Preferences… > +

2. Set up as below.
   - Interface: VPN
   - VPN Type: L2TP over IPSec
   - Service Name: CUHK VPN
   ![Network Preferences](image1)
   Click **Create**

3. Select **Add Configuration...** for Configuration

   - Name: **CUHK VPN**
   ![Add Configuration](image2)
   Click **Create**.

   - Configuration: **CUHK VPN**
   - Server Address: `vpn.cuhk.edu.hk`
   - Account Name: your *Computing ID*
   ![Authentication Settings](image3)
   Click **Authentication Settings...**

   *Computing ID:* s1155xxxxxx for students
   bxxxxxx for staffs
4. Select *Password and Shared Secret

- Shared Secret: ipsec-vpn
  *No need to enter password here.

Click OK.

Advanced...

Check the box for **Send all traffic over VPN connection**

OK > Apply.

Your VPN profile set-up is completed.
C. Connect to CUHK VPN

1. Network icon > Open Network Preferences… > CUHK VPN

Make sure below information is correct.
- Configuration: CUHK VPN
- Server Address: vpn.cuhk.edu.hk
- Account Name: your *Computing ID

*Computing ID: s115xxxx for students
bxxxxxx for staffs
> Connect.

2. Enter as below
- Name: your *Computing ID
- Password: OnePass Password

*Computing ID: s115xxxx for students
bxxxxxx for staffs
Click OK.

- For staffs and students who enrolled DUO Two Factor Authentication (2FA), then input either one of the following forms of password (3A, 3B or 3C), follow the format exactly the same as shown:
- For others, the VPN connection should be established successfully.

3A. password (DUO Mobile App – Push)
DUO Notification will be prompt on your mobile.

Tap Login request
OR
Open the DUO Mobile App on your mobile device, then tap on the
notification message, a Login Request with the information of requesting source is displayed.

Tap Approve, the VPN connection should be established successfully.

Reminder: Duo Push is not available offline. Please ensure you got a good Internet connection when using this method. Or, you switch to log in with passcode which does not required an Internet connection.

### 3B. password, passcode (DUO Mobile App – Generate Codes)

You can get the passcode from your DUO Mobile App. **Open the DUO Mobile App** on your mobile device, then **tap on the key icon** next to your account, a one-time passcode is generated.

Login with
- ***Computing ID**
- **CUHK OnePass, 767809**

*Computing ID:
- s1155xxxxxx for students
- bxxxxxx for staff

Click **OK**, the VPN connection should be established successfully.

### 3C. password, bypasscode (Use a temporary DUO Bypass Code)

In case you have problem with your mobile (e.g. forgot to bring, malfunction, lost or stolen) and cannot provide the 2nd factor for VPN connection, you can generate a temporary DUO Bypass Code
by yourself via DUO Self-Service Portal at https://duo.itsc.cuhk.edu.hk.

Login with
  • **Computing ID**
  • **CUHK OnePass, 273635110**

*Computing ID*:
s1155xxxxxx for students
bxxxxxx for staff

Click OK, the VPN connection should be established successfully.

### D. Disconnect from CUHK VPN

1. [Network icon](computer_icon) > Open Network Preferences... > CUHK VPN > Disconnect

The VPN should be disconnected.

Prepared by: User Support Services, Information Technology Services Centre

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