

## SSL-VPN Client Installation for Windows 10, Windows 11 (Brief)

**1. Purpose:** To enable users who are outside the university's internal network to access university-restricted services (e.g. e-journals, intranet, etc.).

### 2. Minimum Requirements of User's Machine

2.1. Processor: Intel (or equivalent) or ARM-based

2.2. Memory (RAM): at least 2 GB

2.3. Free Disk Space: at least 1 GB

2.4 The user must run the Windows installer with an Administrator account.

### 3. Installation Steps

**3.1. Go to <https://vpndoc.psu.ac.th>** and choose one of the installer files that corresponds to your machine:

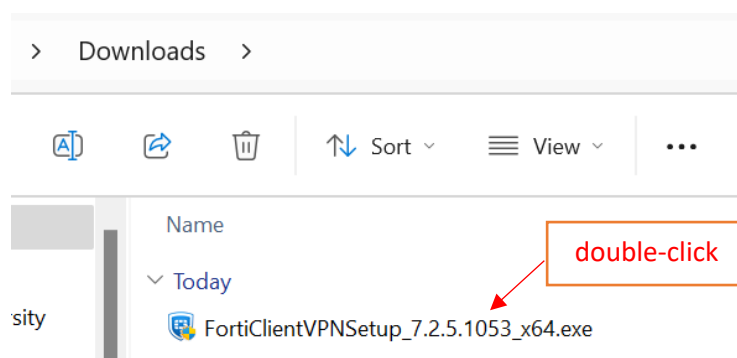
[Installer for Intel \(or equivalent\) + Windows 64-bit](#) (this is the common case)

[Installer for Intel + Windows 32-bit](#)

[Installer for ARM-based processor + Windows 64-bit](#)

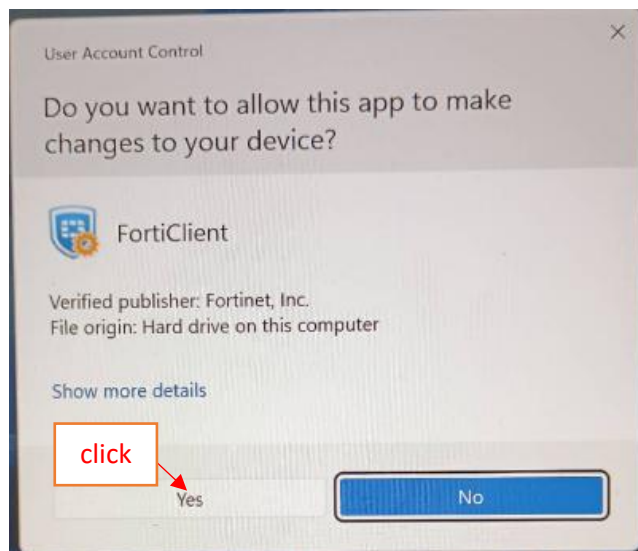
#### 3.2. Start Installation

Double-click the installer file (the exact filename may vary by version or machine).



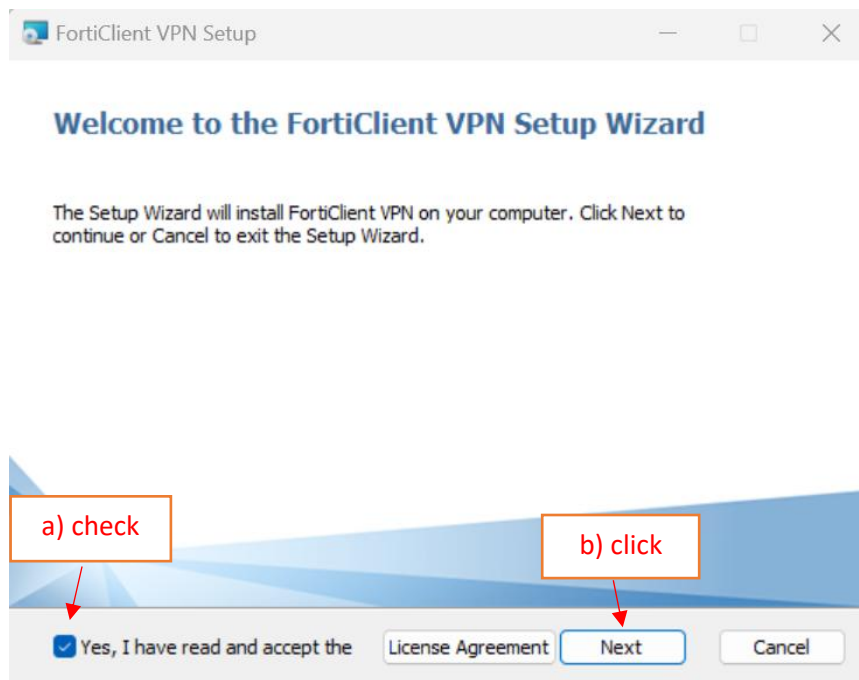
### 3.3. User Account Control

If Windows shows a “User Account Control” prompt, click Yes to allow.



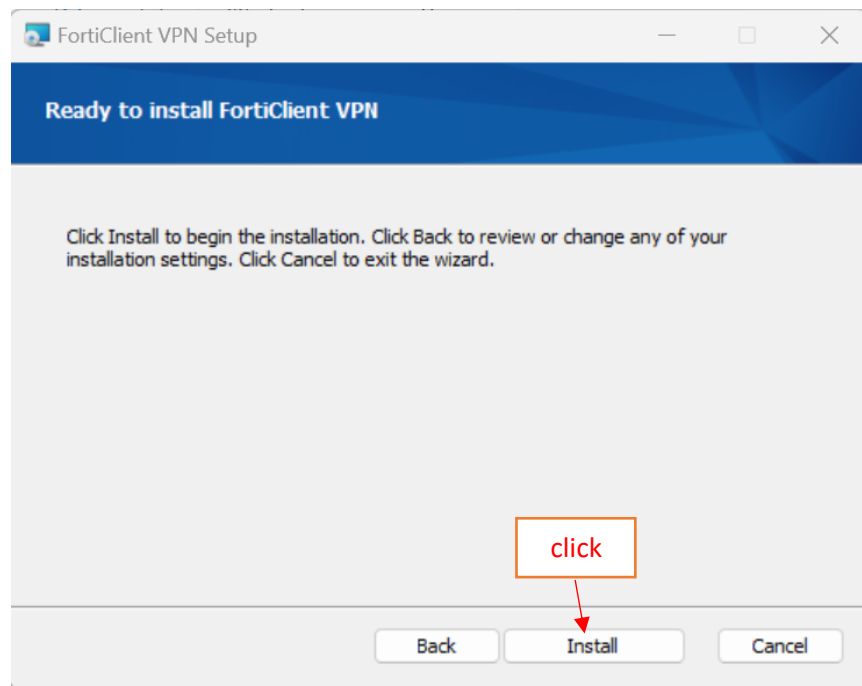
### 3.4. VPN Setup Wizard

- a) Check the box “Yes, I have read and accept the ...”
- b) Click **Next**



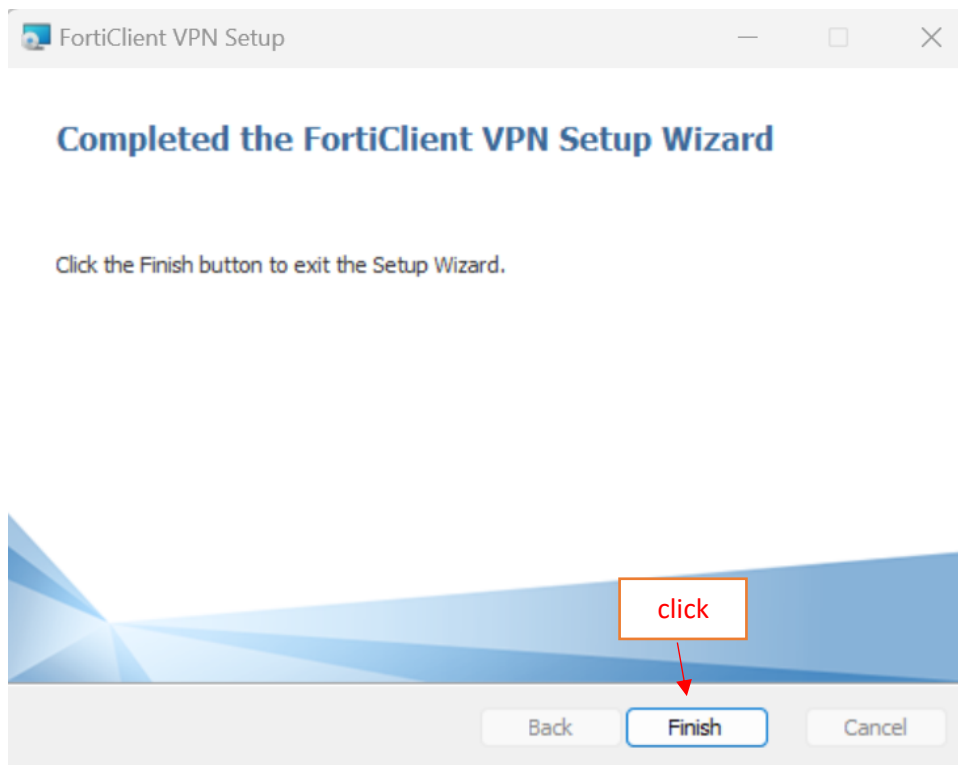
### 3.5. Ready to Install

When the “Ready to install FortiClient VPN” screen appears, click **Install**



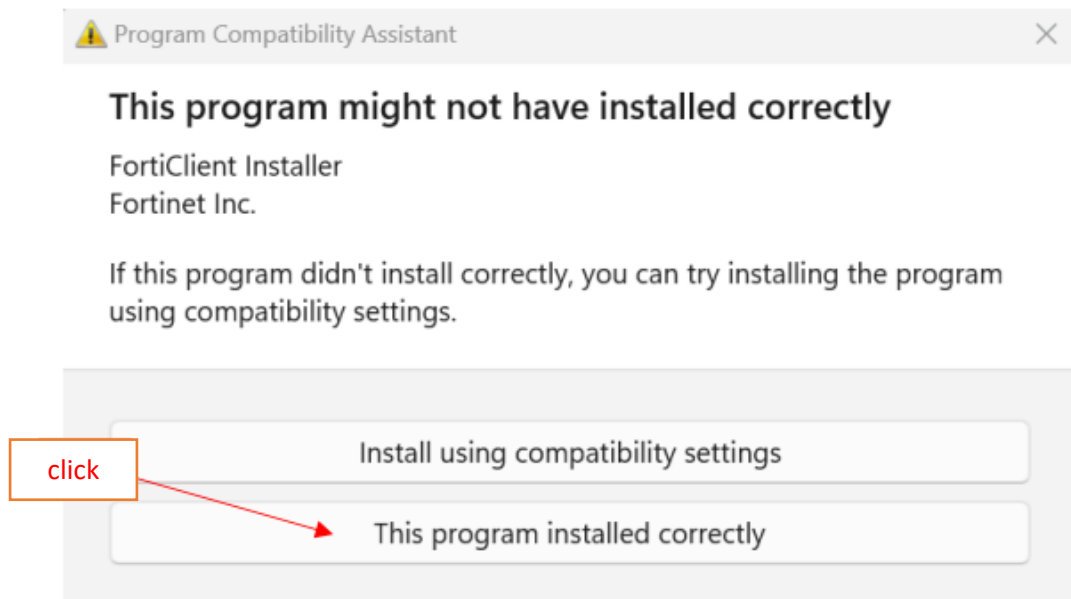
### 3.6. Finish Installation

Wait for the installation to complete, then click **Finish**.



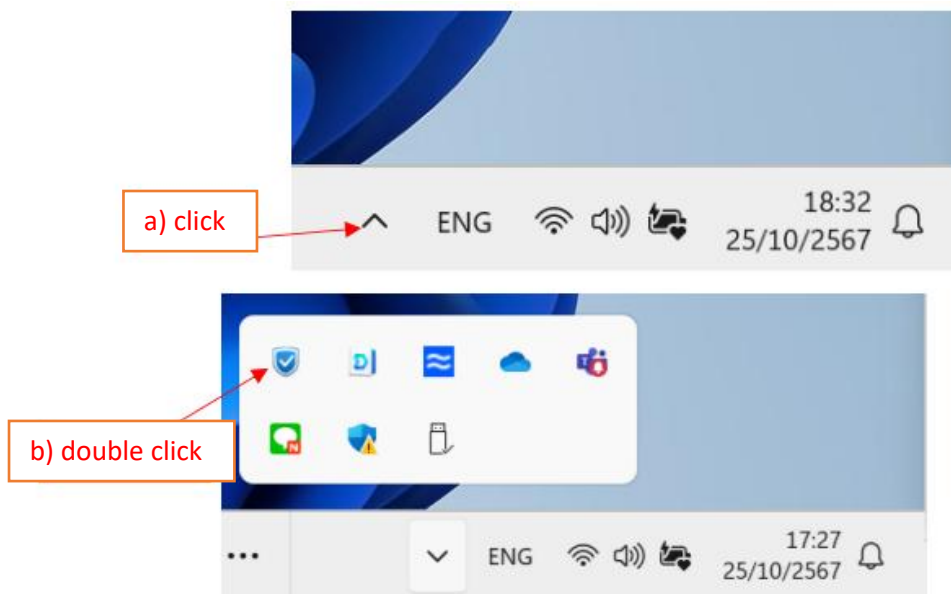
### 3.7. Installation Verification Prompt

If Windows displays “This program might not have installed correctly”, choose “**This program installed correctly**”



### 3.8. Launch/Locate FortiClient

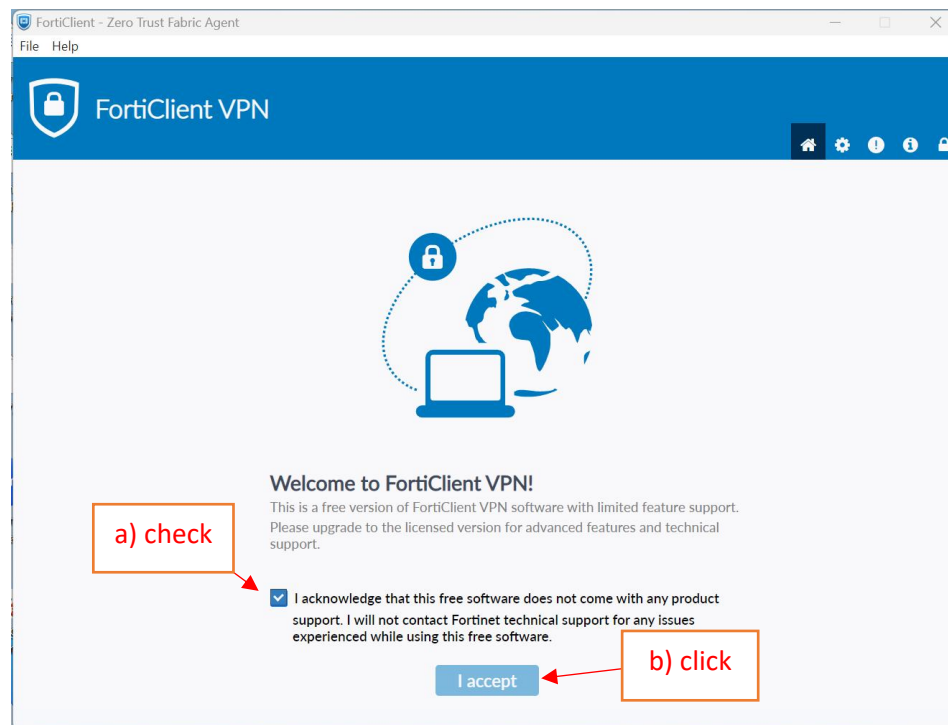
- a) On the Windows taskbar (system tray), click the “Show hidden icons” arrow (if some icons are hidden)
- b) Double-click the FortiClient icon (shield icon)



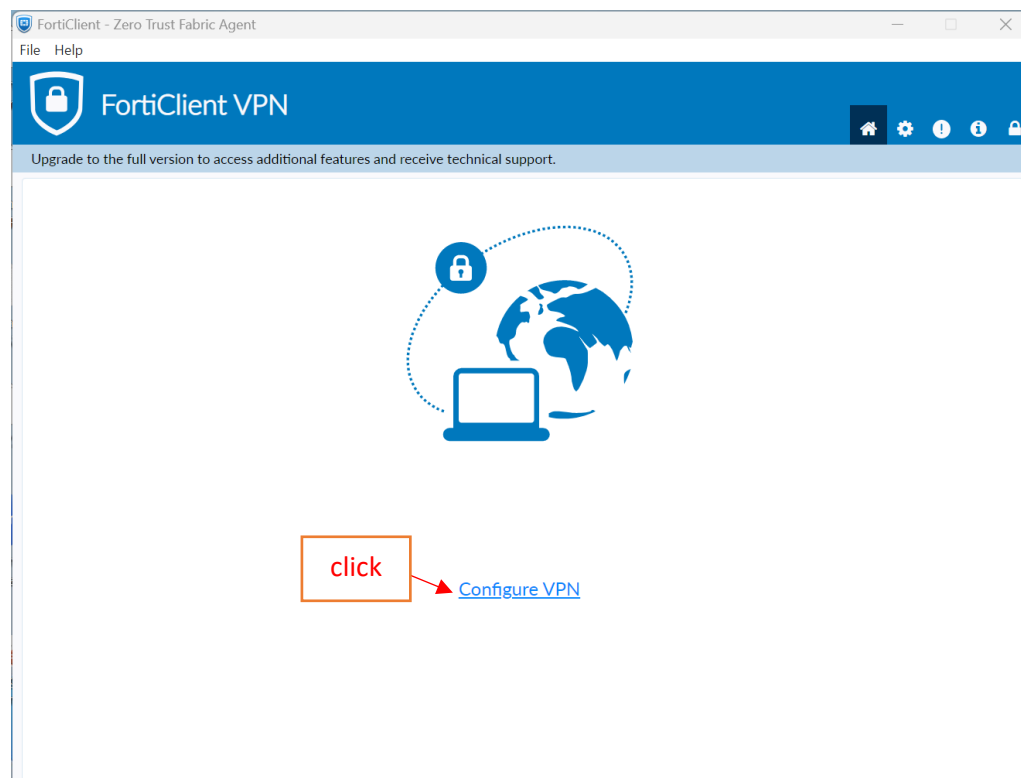
### 3.9. License / Acknowledgment

a) Check the box saying “I acknowledge that this free software does not come with any ...”

b) Click I accept



### 3.10 Begin VPN Configuration. Click Configure VPN



### 3.11. Configure VPN Settings

- a) **Connection Name:** PSU VPN
- b) **Remote Gateway:** vpn.psu.ac.th
- c) Check **Enable Single Sign On (SSO) for VPN Tunnel**
- d) Check **Enable Dual-stack IPv4/IPv6 address**
- e) Click **Save**

The screenshot shows the 'Edit VPN Connection' window in FortiClient. The 'VPN' tab is selected, and the 'SSL-VPN' sub-tab is active. The 'Connection Name' field is set to 'PSU VPN'. The 'Remote Gateway' field is set to 'vpn.psu.ac.th'. The 'Single Sign On Settings' section has 'Enable Single Sign On (SSO) for VPN Tunnel' checked. The 'Client Certificate' section has 'None' selected, and 'Enable Dual-stack IPv4/IPv6 address' is checked. The 'Save' button is visible at the bottom right. Annotations with red arrows point to these specific fields and buttons, labeled a) through e).

**FortiClient VPN**

Upgrade to the full version to access additional features and receive technical support.

### Edit VPN Connection

**VPN**

SSL-VPN | IPsec VPN | XML

**Connection Name**: PSU VPN

**Description**:

**Remote Gateway**: vpn.psu.ac.th

+ Add Remote Gateway

☐ Customize port 443

**Single Sign On Settings**

☒ Enable Single Sign On (SSO) for VPN Tunnel

☐ Use external browser as user-agent for saml user authentication

☐ Enable auto-login with Azure Active Directory

**Client Certificate**: None

☒ Enable Dual-stack IPv4/IPv6 address

Cancel Save

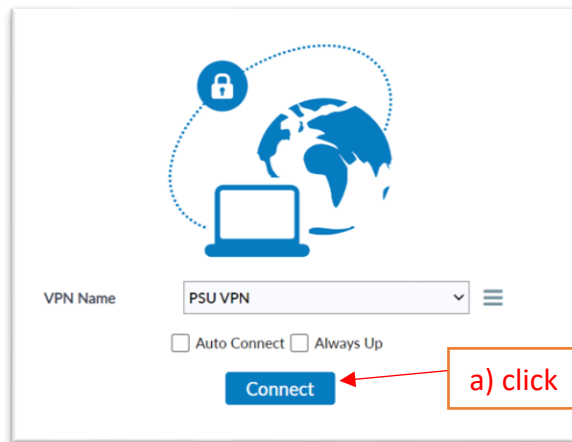
### 3.12 Install Microsoft Authenticator app

if you haven't yet installed the **Microsoft Authenticator** app on your mobile, download it (from Play Store or App Store) and set it up according to PSU's instructions ([link](#) or [video](#) provided in original document).



### 3.13 Connect via VPN

a) On Windows, click **Connect**



b) A web browser window opens prompting you to log in via Microsoft account:

- **Staff / Faculty:** use [PSU Passport]@psu.ac.th, e.g. ponpitak.s@psu.ac.th
- **Students class of 67 onward:** use [StudentID]@psu.ac.th, e.g. 6710110202@psu.ac.th
- **Students before class 67:** use [StudentID]@email.psu.ac.th, e.g. 610110202@email.psu.ac.th, 6610110202@email.psu.ac.th

c) Click **Next**, d) enter your password (PSU Passport), e) click **Sign in**.

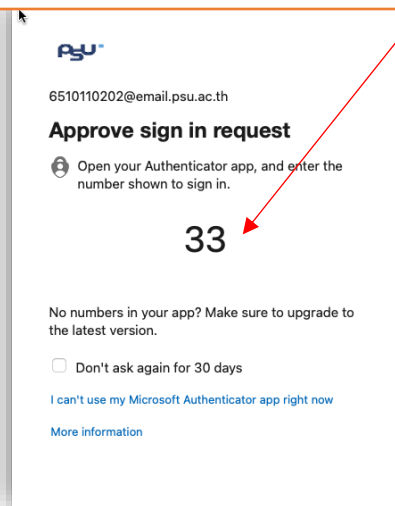
b) enter the account name in the specified format.

d) your password (PSU Passport)

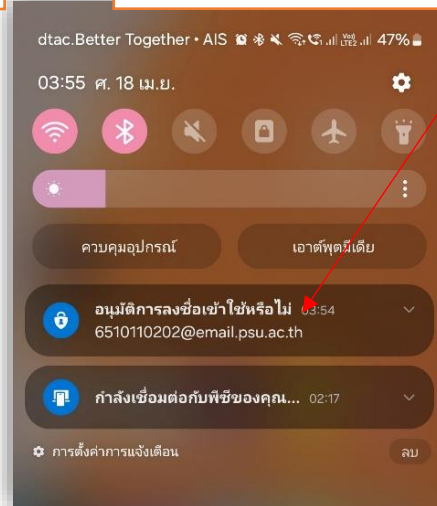
### 3.14 Multi-Factor Authentication

- a) After signing in, you will receive a numerical code on your Windows machine.
- b) On your mobile (with Authenticator), you will see a sign-in approval request asking for that number.

a) a numerical code on your Windows machine

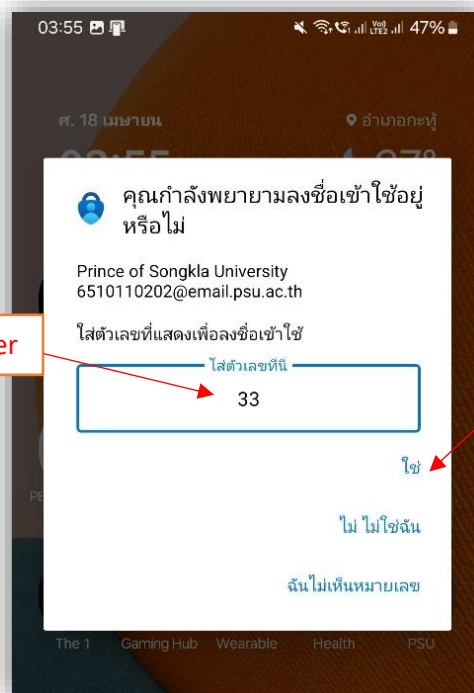


b) a sign-in approval request



- c) Enter the number in the mobile prompt d) and approve (Yes). If your mobile is locked, you may need to enter your lock screen passcode.

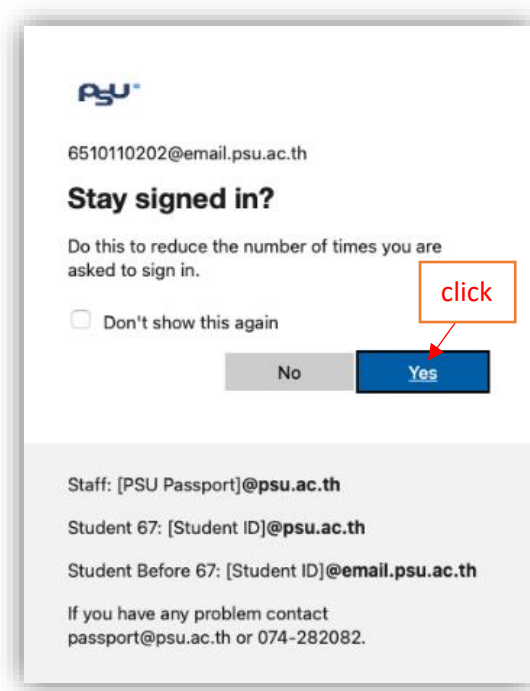
c) enter the number



d) select

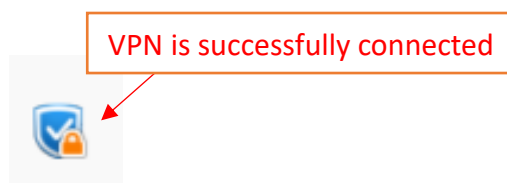


**3.15 Stay Signed In:** If the browser prompts “Stay signed in?”, click Yes.



### 3.16 VPN Connection Established

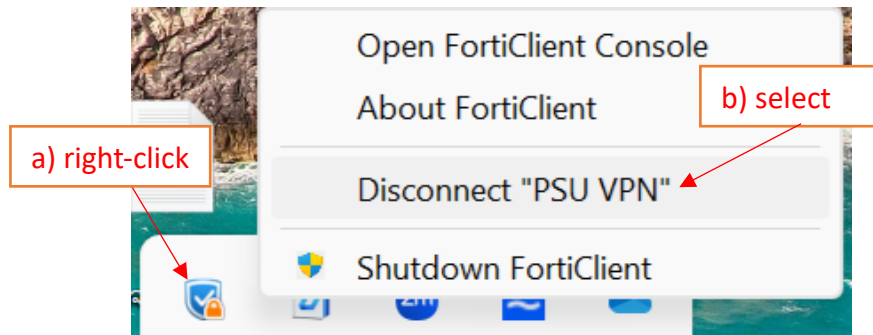
- When VPN is successfully connected, the FortiClient icon is minimized in the system tray.



- You can then access internal resources — e.g. PSU’s E-journal portal:  
<https://www.clib.psu.ac.th> or other internal sites.

### 3.17 Disconnect VPN

When you want to disconnect: **a)** right-click the VPN icon, **b)** Select Disconnect



### 3.18 Save Password Option

Optionally, you can check “Save Password” in VPN settings so that you don't have to re-enter credentials each time.

