VINCSS OVPN MOBILE APPLICATION
USER MANUAL

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VERSION TRACKING

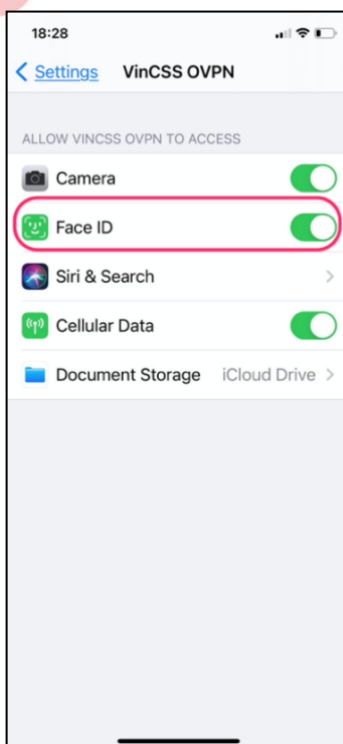| Version	Date	Writer	Department	Contact	Note
1.0	14/09/2021		Production Department, VinCSS		

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I. iOS

I.1. Install VinCSS OVPN

- Search for the key words "VinCSS OVPN" on the App Store, click **Get** for installing.
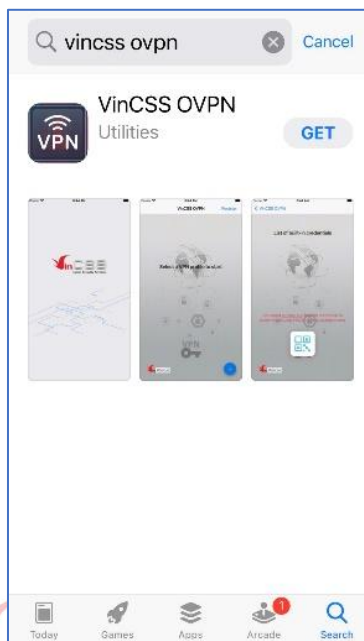
- For the devices having FaceID, go to the **Settings->VinCSS OVPN** and allow the VinCSS OVPN application to use FaceID for the authentication.
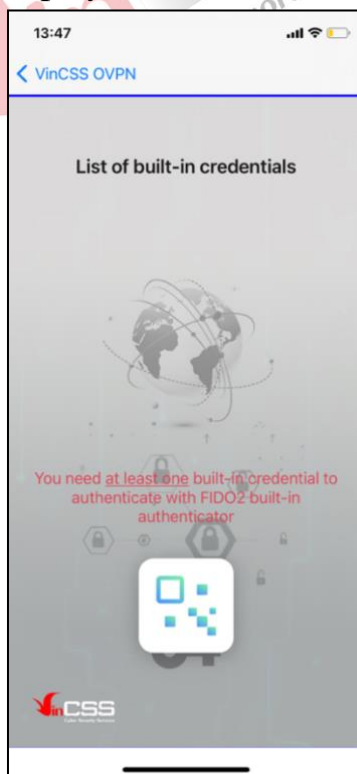

## I.2. Register the security key for the passwordless authentication

- Contact the system administrator to receive the QR Code for registering passwordless authentication key in the VinCSS OVPN application.
- Open the VinCSS OVPN application on the mobile and click **Register.**
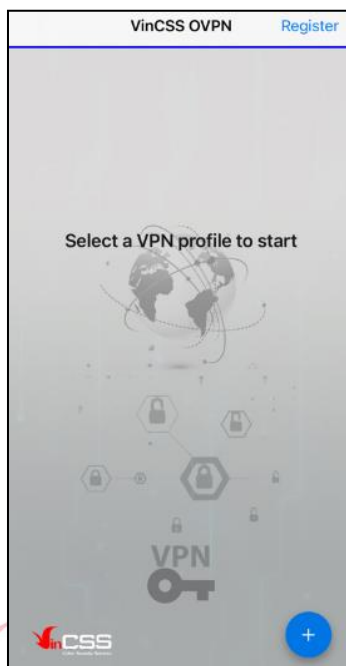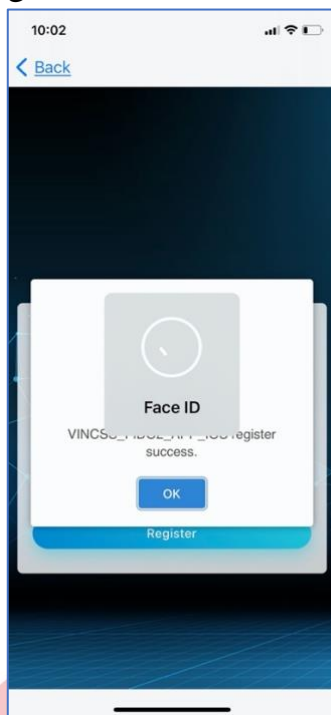

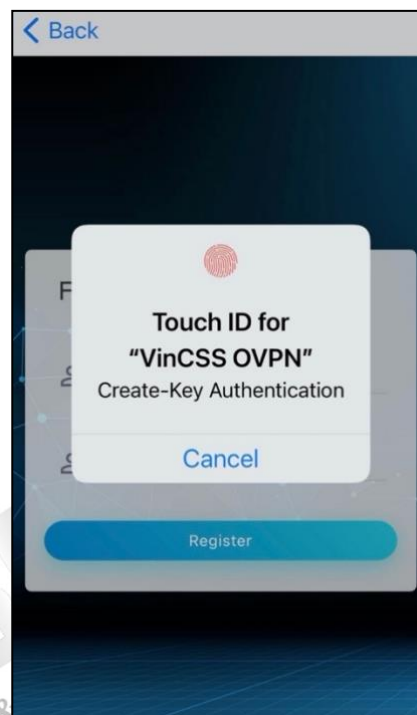- The message will be displayed on the mobile screen as below:

- Click on the QR Code symbol and scan the QR Code received from the system administrator. Check user's information and rename the key (if necessary), then click **Register**. Use FaceID or TouchID function to complete the key registration.
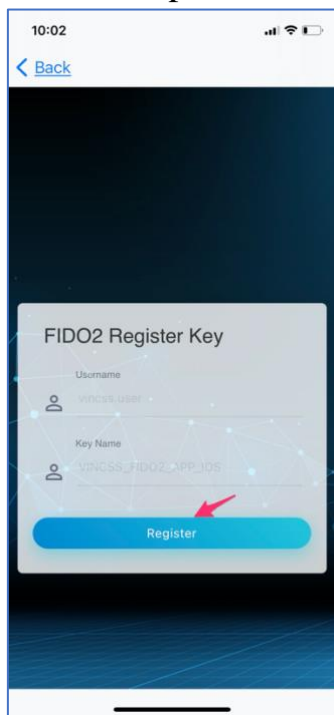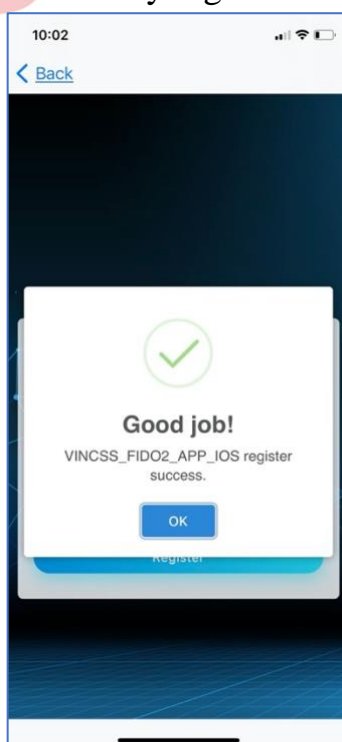

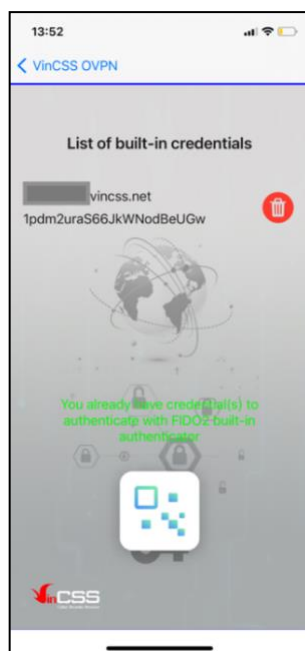| *Check the key information* | *Authenticate FaceID to generate the key* | *Authenticate TouchID to generate the key* |

- The confirmation of successfully registered key will be shown.

- The key information will be displayed on the application screen.

- Click **VinCSS OVPN** on the upper left corner to return to the main screen.
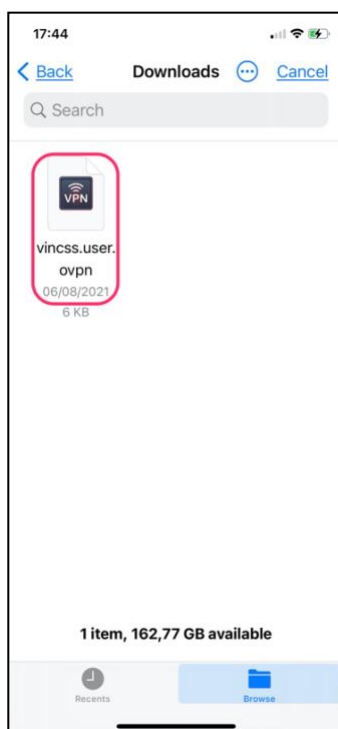
I.3. Add the VPN profile

Notice: Contact the system administrator to receive the VPN profile. Save this profile in the mobile installed VinCSS OVPN application.

- There are two methods to add the profile:
  o **The 1st method**: Add the VPN profile from VinCSS OVPN:
    ▪ Click the (+) icon on the application screen to add the profile.
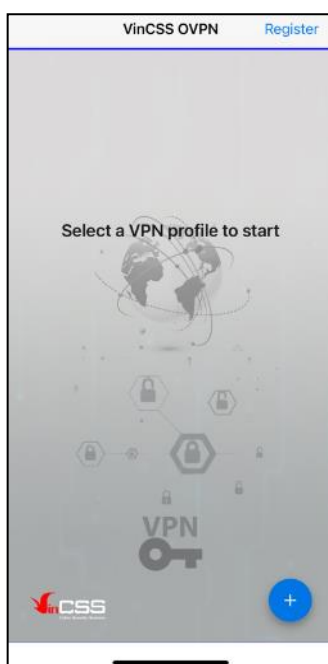
▪ Select the VPN profile (file .ovpn) to add to VinCSS OVPN.

▪ Allowance request will appear on the screen after adding the profile to the VinCSS OVPN application. Click **Allow,** then use the FaceID, TouchID or PIN-code function (depends on smartphone configuration) to re-authenticate.
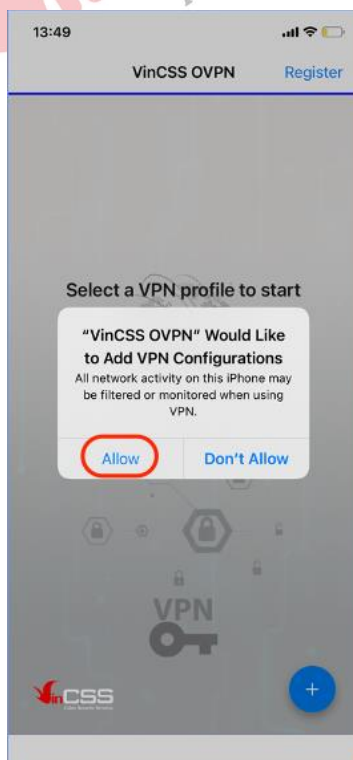
- o **The 2ⁿᵈ method:** Open the downloaded profile (file .ovpn) and use the option to open it in VinCSS OVPN:
  - Open the downloaded profile. At the upper right corner, click the arrow icon.

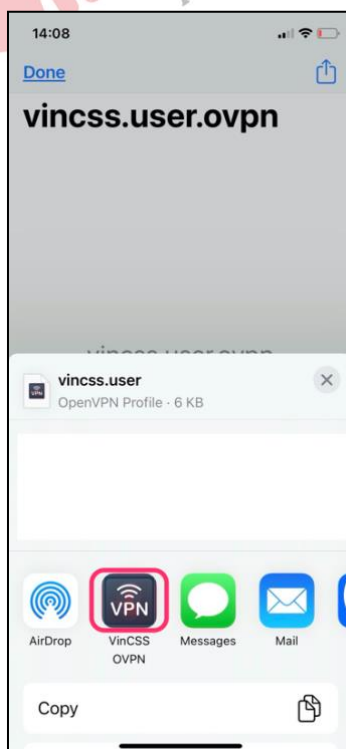 - Select the option to open the file using VinCSS OVPN.

- Allowance request will appear on the screen after adding the profile to the VinCSS OVPN application. Click **Allow,** then use the FaceID, TouchID or PIN-code function (depends on smartphone configuration) to re-authenticate.
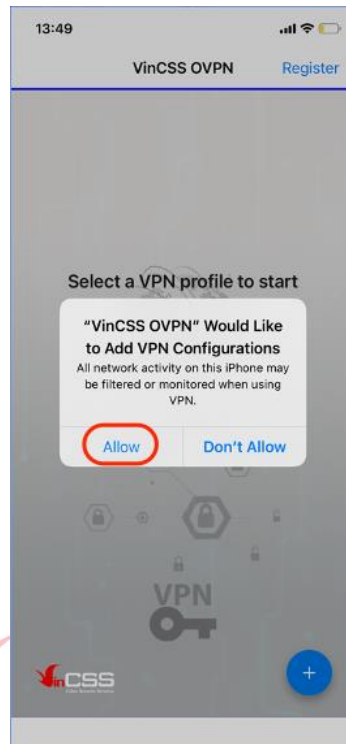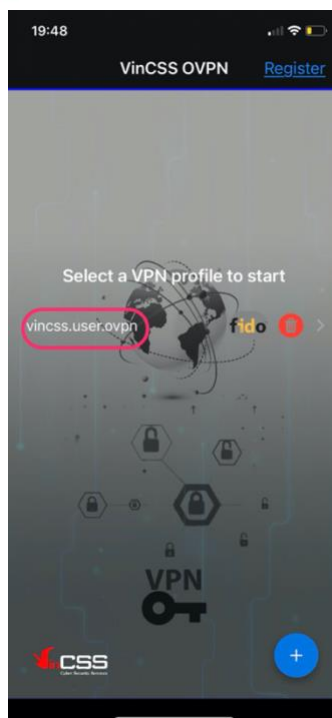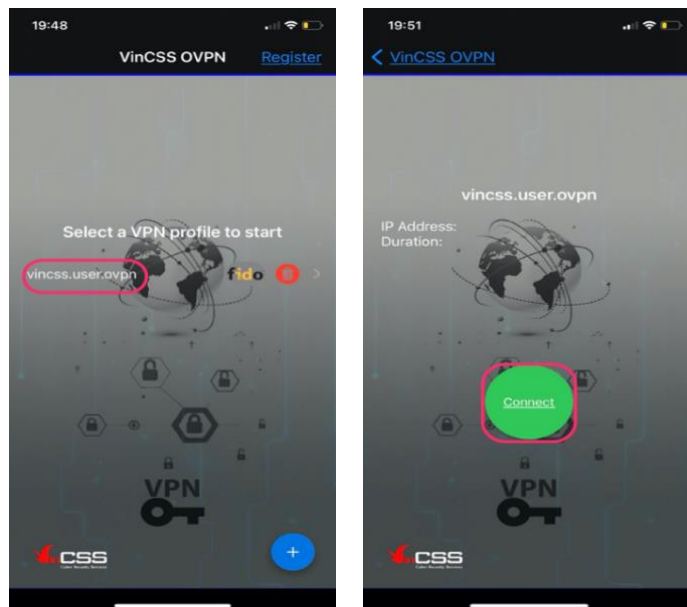

- The VPN profile has been successfully added. The profile information will be displayed as below:

I.4. Connect VPN by the VinCSS OVPN application.

- Select the VPN profile that you need to connect. Click **Connect** icon to connect to the VPN.
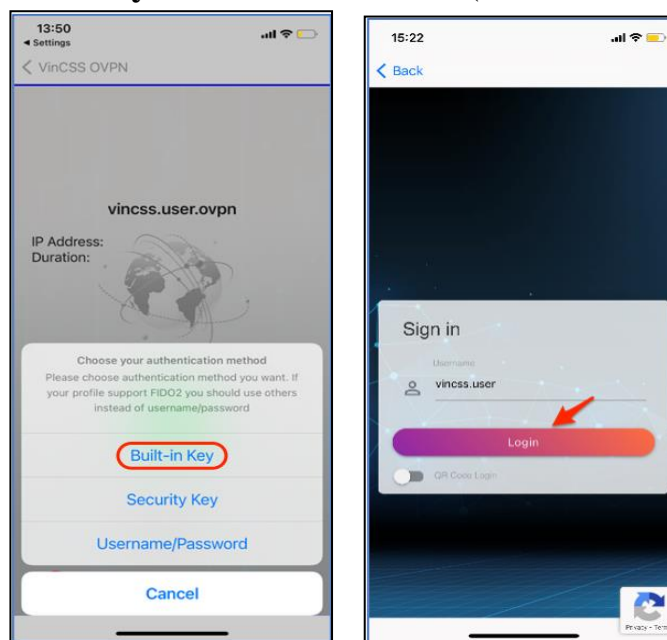

In the current version (version 1.1), VinCSS OVPN on iOS doesn't support the **Security Key** *authentication method for the VinCSS FIDO2® Touch 1 key.*

I.4.1. Authenticating with the soft registered key on VinCSS OVPN

The registered authentication key on VinCSS OVPN. (refer to the section I.2.).

- Select **Built-in Key**. Enter the username (all in lowercase), select **Login.**
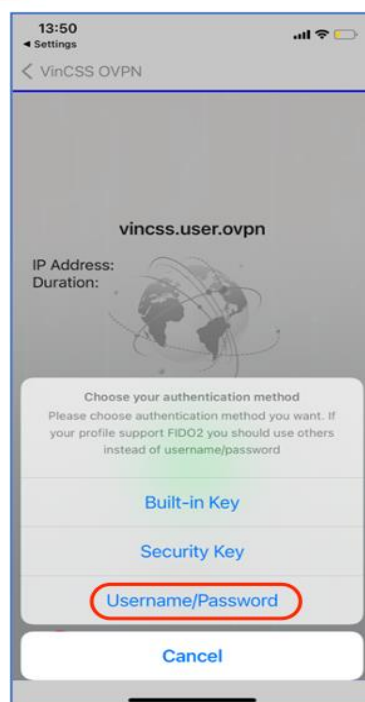
- Use the FaceID or TouchID function (depends on smartphone configuration) to complete the passwordless authentication. The VPN successful connection information will be displayed on the screen.
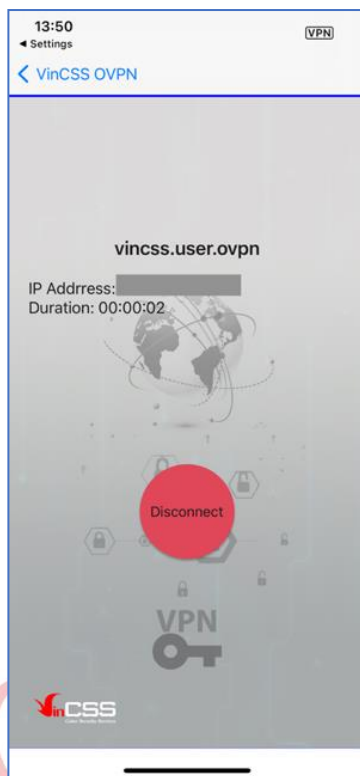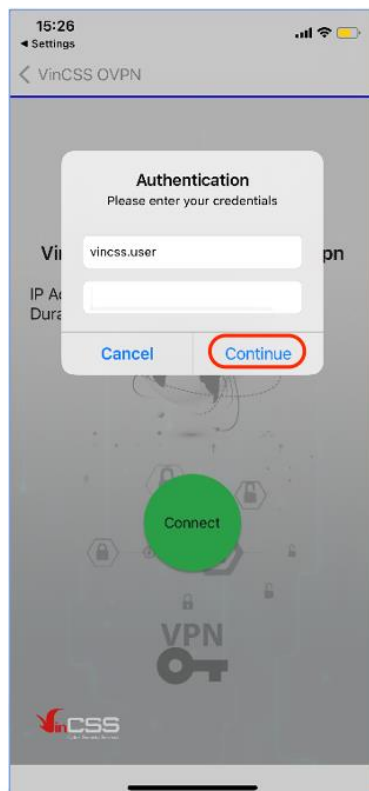

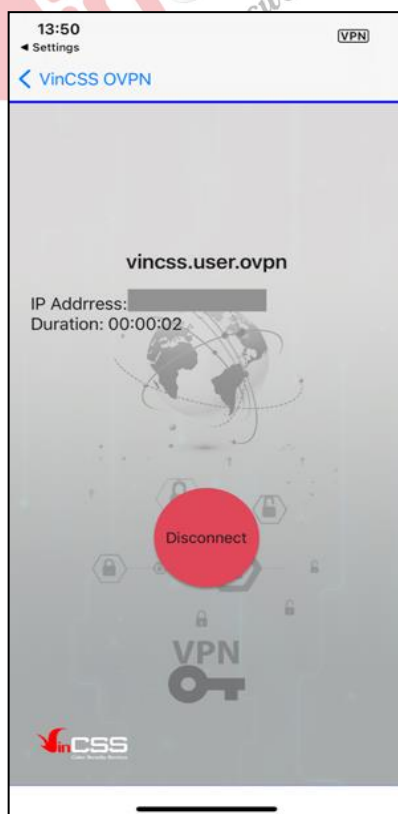### I.4.2. Authenticating with Username/Password

- Select the **Username/Password**.

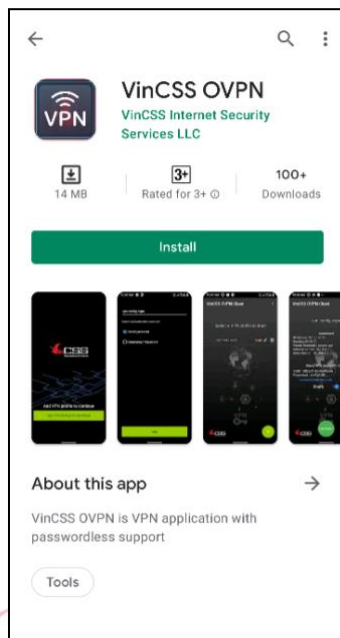- Type Username (all in lowercase) and Password, select **"Continue"**.

- The VPN successful connection information will be displayed on the screen.
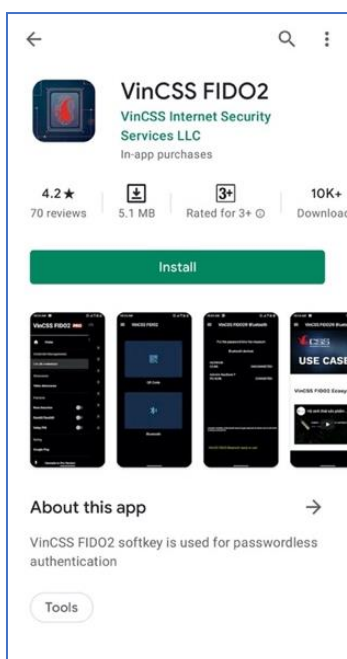
II. ANDROID

II.1. Install VinCSS OVPN

Search for the key words "VinCSS OVPN" on the Play Store, click "**Install**" to set-up the application.
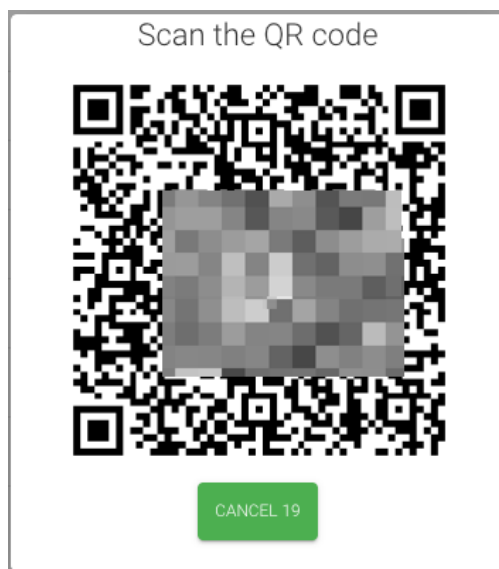

II.2. Register the security key for the passwordless authentication

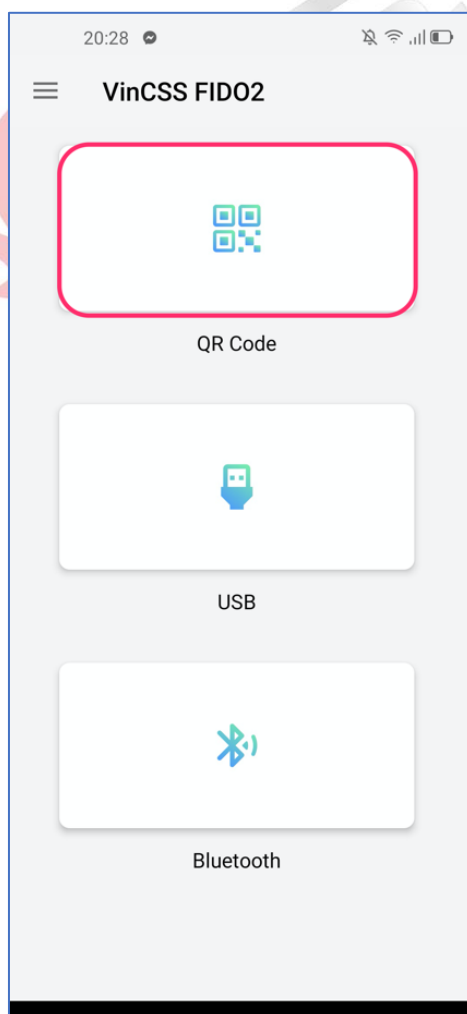## II.2.1. Register the soft key with the VinCSS FIDO2 application

- Install VinCSS FIDO2:
  - o Search the key word VinCSS FIDO2 on the Play Store.

    o Select **Install** to set-up the application.

- Contact the system administrator to receive the QR Code for registering the key in the VinCSS OVPN application.
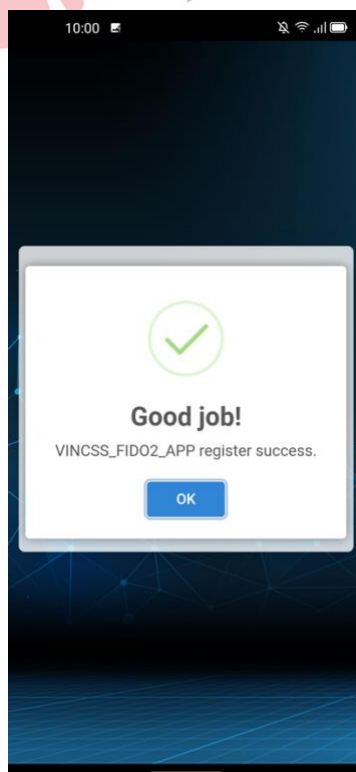

- Open VinCSS FIDO2, click on the QR Code icon and scan the QR Code.

- The key information will be displayed on the screen, click **Register** to register the key.

- Use the fingerprint function to complete the key generation. A message will be displayed on the screen to confirm the successful process.

II.2.2. Register the VinCSS FIDO2® Touch 1 key

- Contact the system administrator for the instructions of the authentication key registration.
- Refer to VinCSS FIDO2® Touch 1 user manual at the link: https://github.com/VinCSS-Public-Projects/FIDO2-Public-Documents/tree/main/VinCSS-FIDO2-Touch-1
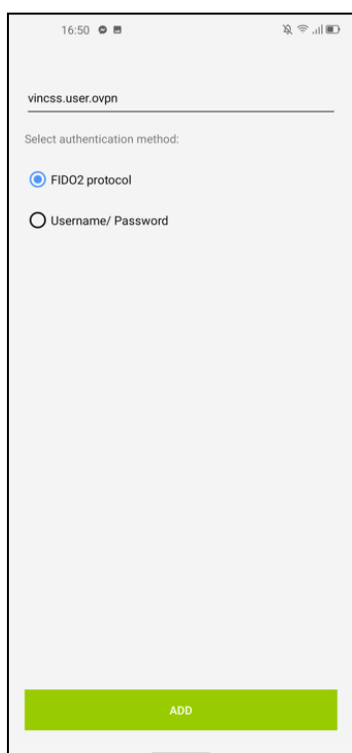
II.3. Add the VPN profile

Notice: Contact the system administrator to receive the VPN profile. Save this profile in installed VinCSS OVPN application.

- Open the VinCSS OVPN application, click "**Add VPN Profile To Continue**". Select the profile (file .ovpn) sent by the system administrator.
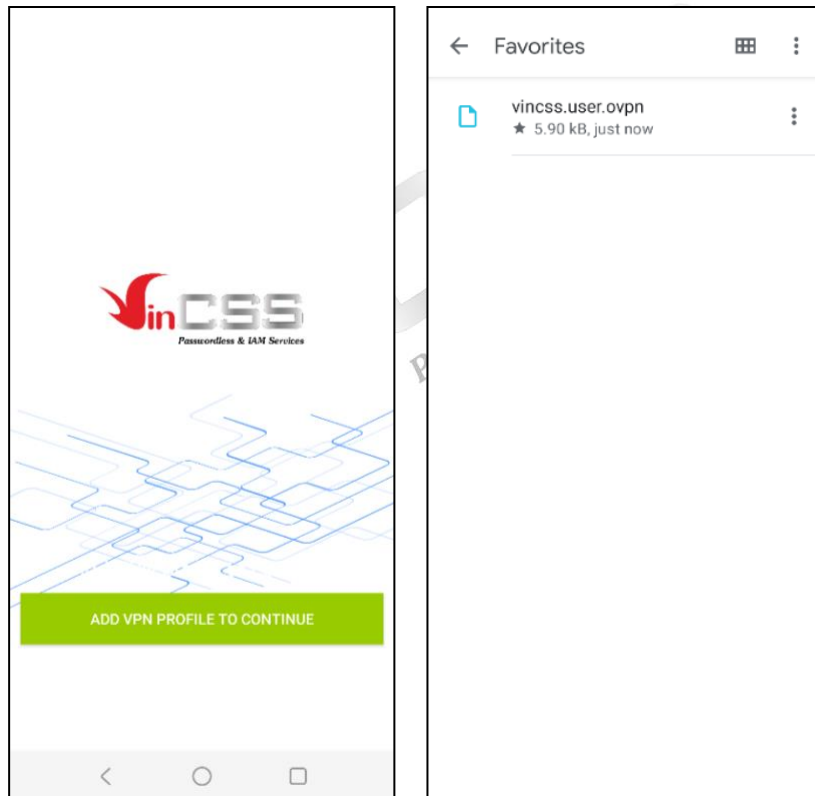
- Use one of two authentication methods:
  o Select the FIDO2 Protocol for the passwordless authentication: Use VinCSS FIDO2 application on the mobile (section II.4.1) or VinCSS FIDO2® Touch 1 key (section II.4.2) for the passwordless authentication.

o Select the Username/Password to authenticate (refer to section II.4.3): Use the provided Username/Password for authentication.

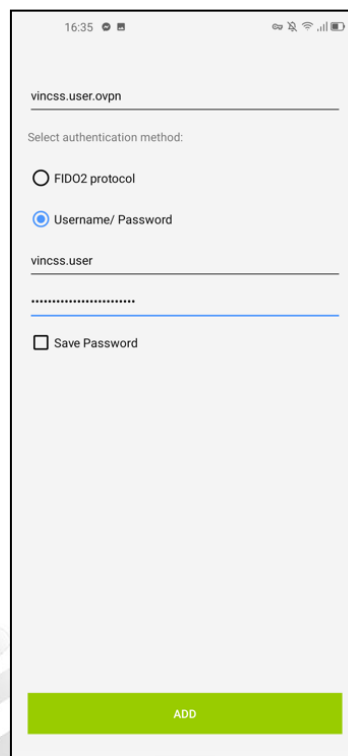***Use the FIDO2 protocol for the passwordless authentication***

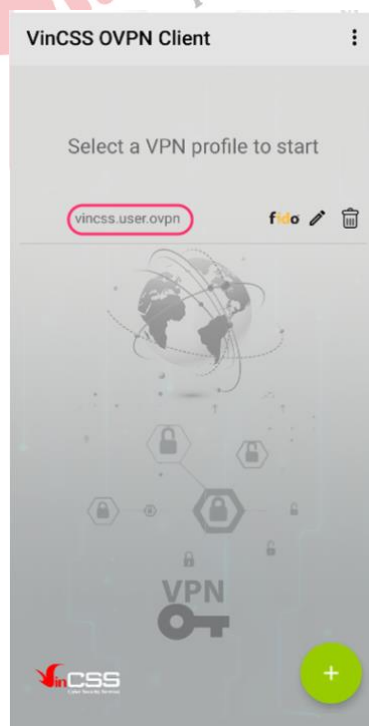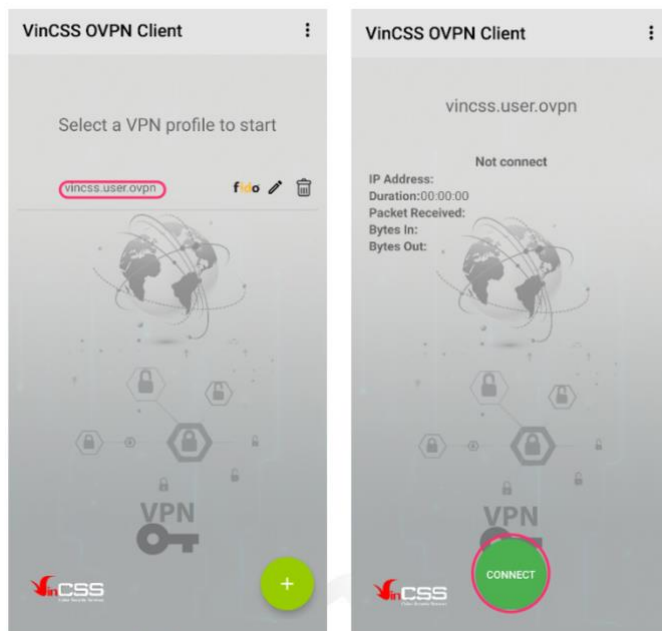***Use the Username/Password for the authentication***

- The VPN profile has been successfully added, it will be displayed as below.
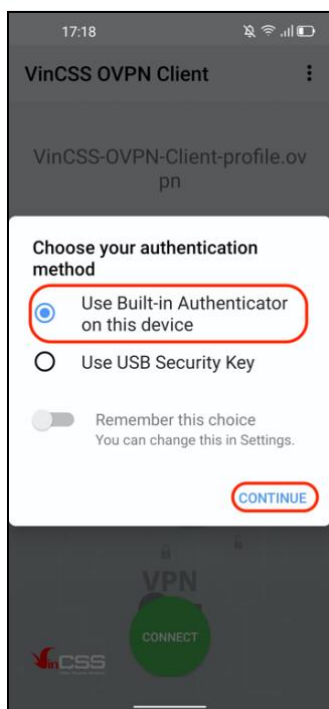
II.4. Connect VPN by the VinCSS OVPN application

- Open the VinCSS OVPN application, select the VPN profile to connect, click on the "**CONNECT**" icon.
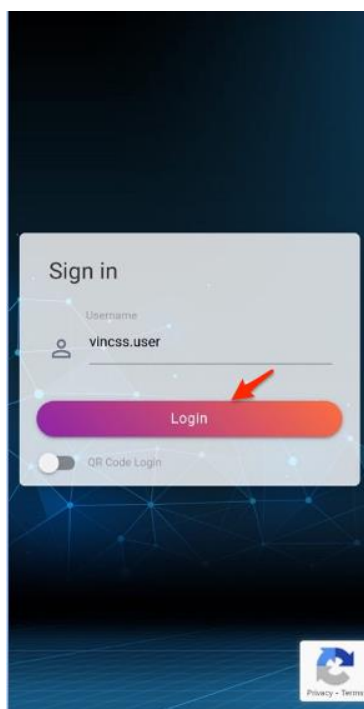

II.4.1. Authenticating with VinCSS FIDO2

*The registered key in VinCSS FIDO2 application (refer to the section II.2.1)*

- Select **Use Built-in Authenticator on this device**. Enable **Remember this choice** for future using if needed.

- Click **CONTINUE.** Type the Username (all in lowercase), and click **Login.**
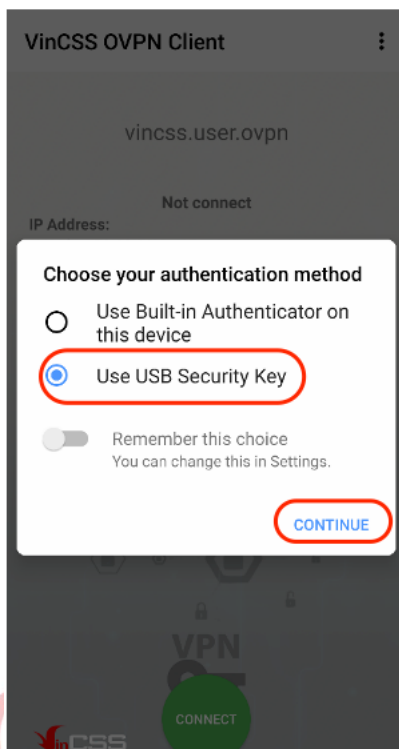

- Fingerprint verification is required by the application to complete the process. After VPN connection establishing, VPN connection information will be displayed on the screen.
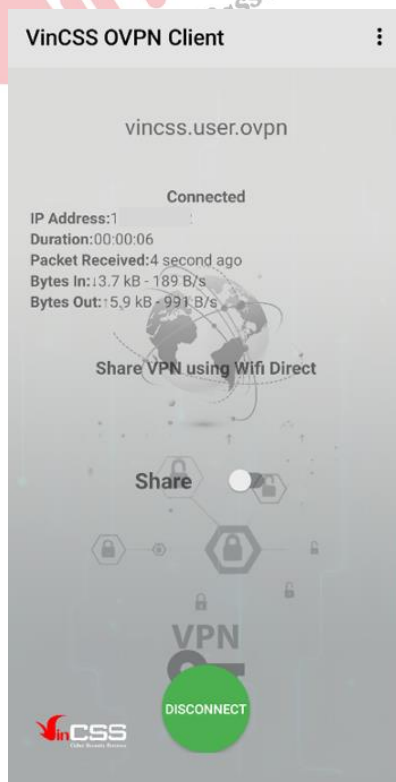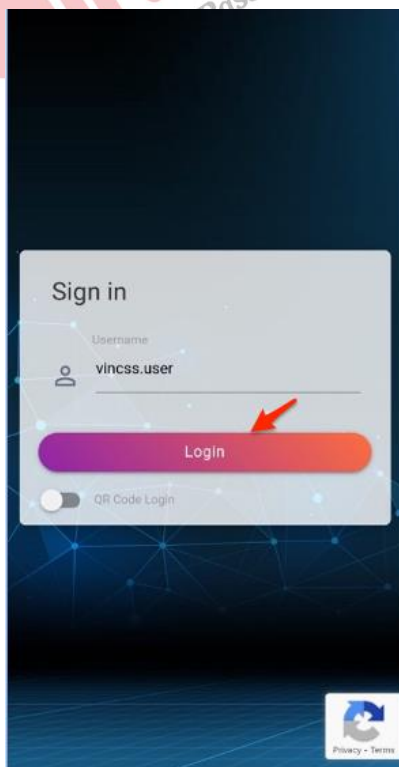
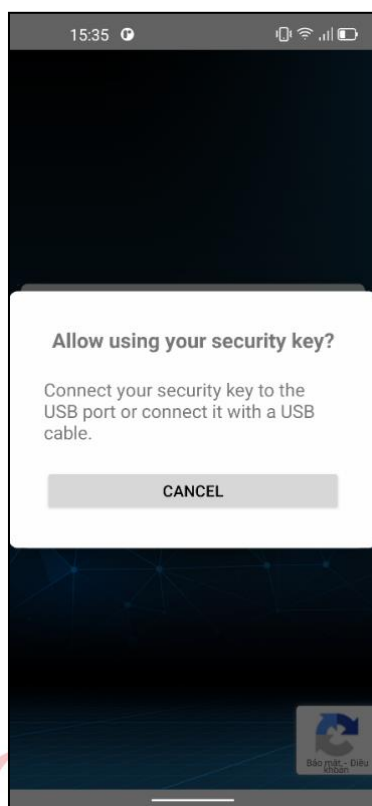## II.4.2. Authenticating with VinCSS FIDO2® Touch 1 key

- Select **Use USB Security Key**. Enable **Remember this choice** for future using (if needed), and click **CONTINUE**.
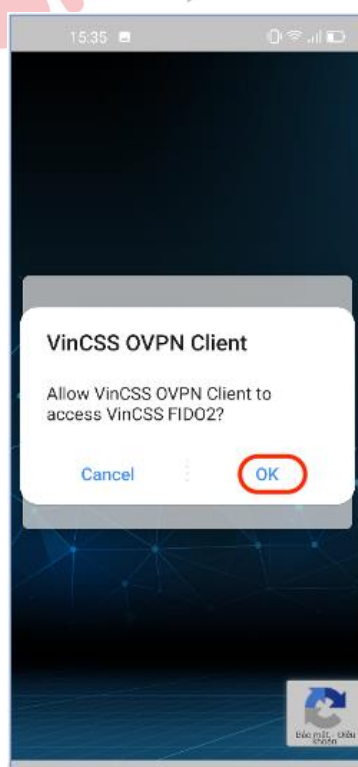

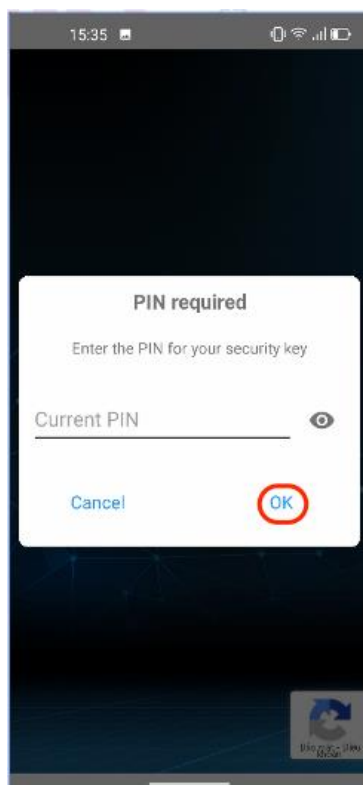- Enter the Username (all in lowercase), and click **Login.**

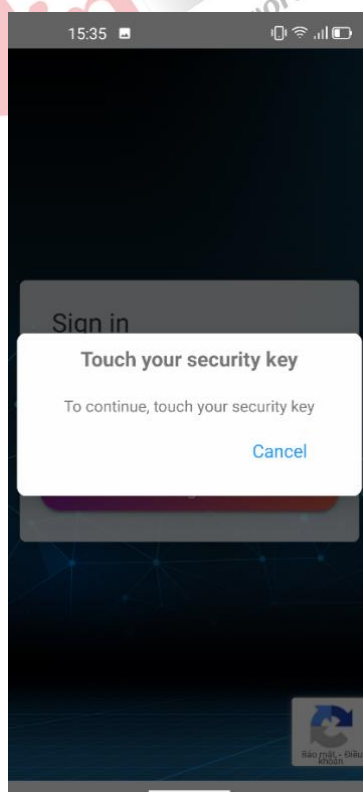- Connect the VinCSS FIDO2® Touch 1 key to the smartphone after receiving the notification.

- Click **"Ok"** to allow VinCSS OVPN application to connect and use the VinCSS FIDO2® Touch 1 key.
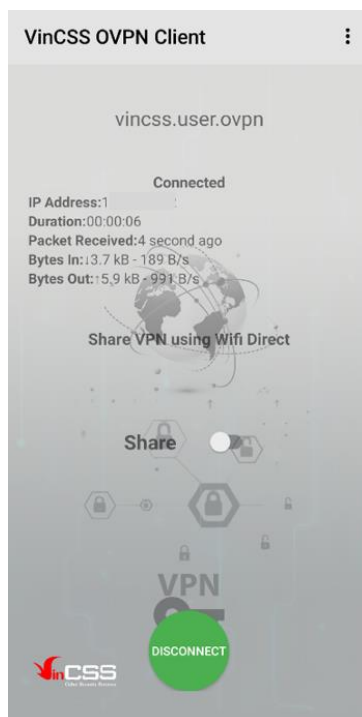
- Type the PIN code of the VinCSS FIDO2® Touch 1 key, then click **"OK".**

- Touch the yellow logo on the VinCSS FIDO2® Touch 1 key to complete the authentication after receiving the notification.
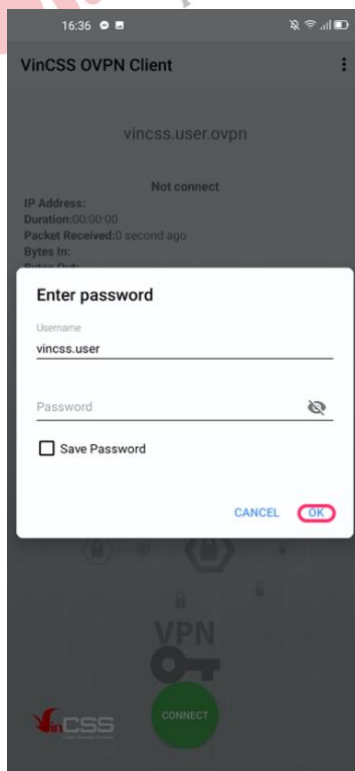
- After VPN connection establishing, VPN connection information will be displayed on the screen.
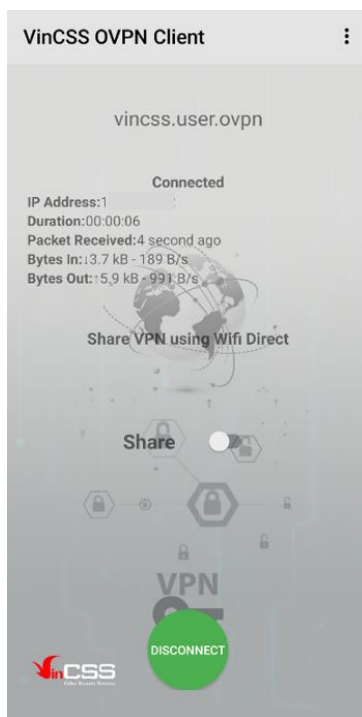

II.4.3. Authenticating with Username/Password

- Enter Username/Password (all in lowercase for the username), and then click **OK.**

- After VPN connection establishing, VPN connection information will be displayed on the screen.

REFERENCES

- VinCSS FIDO2 Ecosystem: https://passwordless.vincss.net
- VinCSS Youtube channel:
  https://www.youtube.com/channel/UCNtS_7d4GtyecE2HCpJSr7g
- FAQs: https://passwordless.vincss.net/en/support
- VinCSS FIDO2® Touch 1 guide: https://github.com/VinCSS-Public-Projects/FIDO2-Public-Documents/tree/main/VinCSS-FIDO2-Touch-1