How to Configure the Android VPN Client for IPsec Shared Key VPN
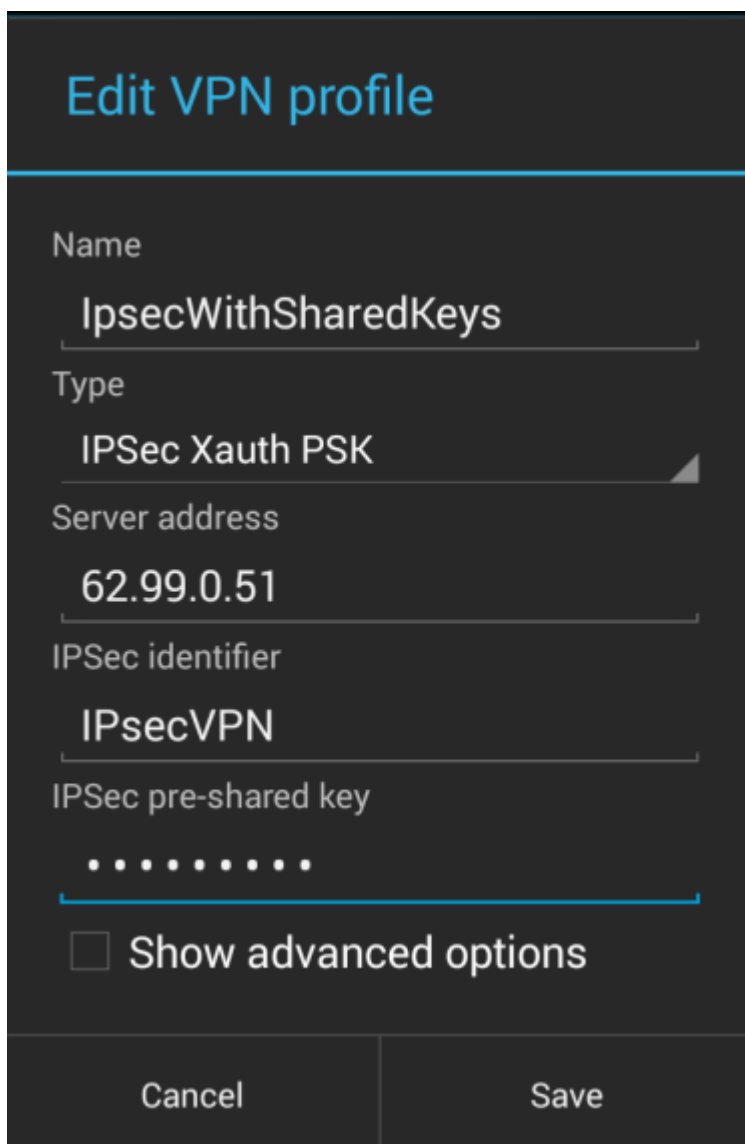
https://campus.barracuda.com/doc/41091499/

To use an Android device to connect to a client-to-site IPsec VPN without having to import a certificate, use shared key authentication. Your device must use Android version 4.0 or above.

> Barracuda Networks reference device for IPsec PSK uses Android version 4.3.

Configure the Android VPN Client

1. On the Android device, tap **Settings**.
2. In the **Wireless & Networks** section, tap **More**.
3. Tap **VPN**.
4. Add the VPN by tapping the plus sign (**+**) next to **VPN**.
5. On the **Edit VPN profile** page, configure these settings:
   - **Name** – Enter a name for the VPN connection (e.g., `IPsecWithSharedKeys`).
   - **Type** – Select **IPSec Xauth PSK**.
   - **Server address** – Enter the network address for the VPN service (e.g., `62.99.0.51`).
   - **IPSec identifier** – Enter the group policy name that you entered for the IPsec PSK VPN on the Barracuda NextGen X-Series Firewall (e.g., `IPsecVPN`).
   - **IPSec pre-shared key** – Enter the PSK.
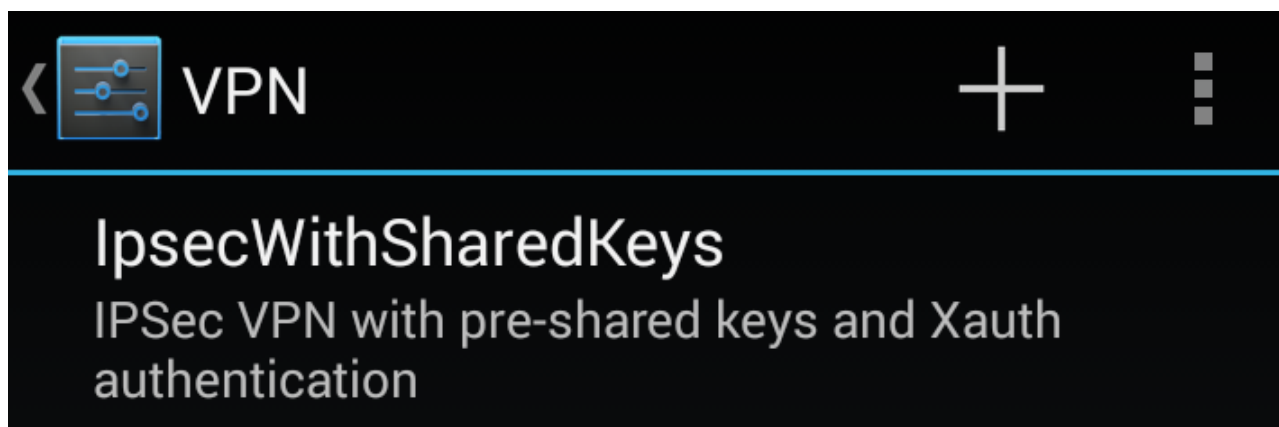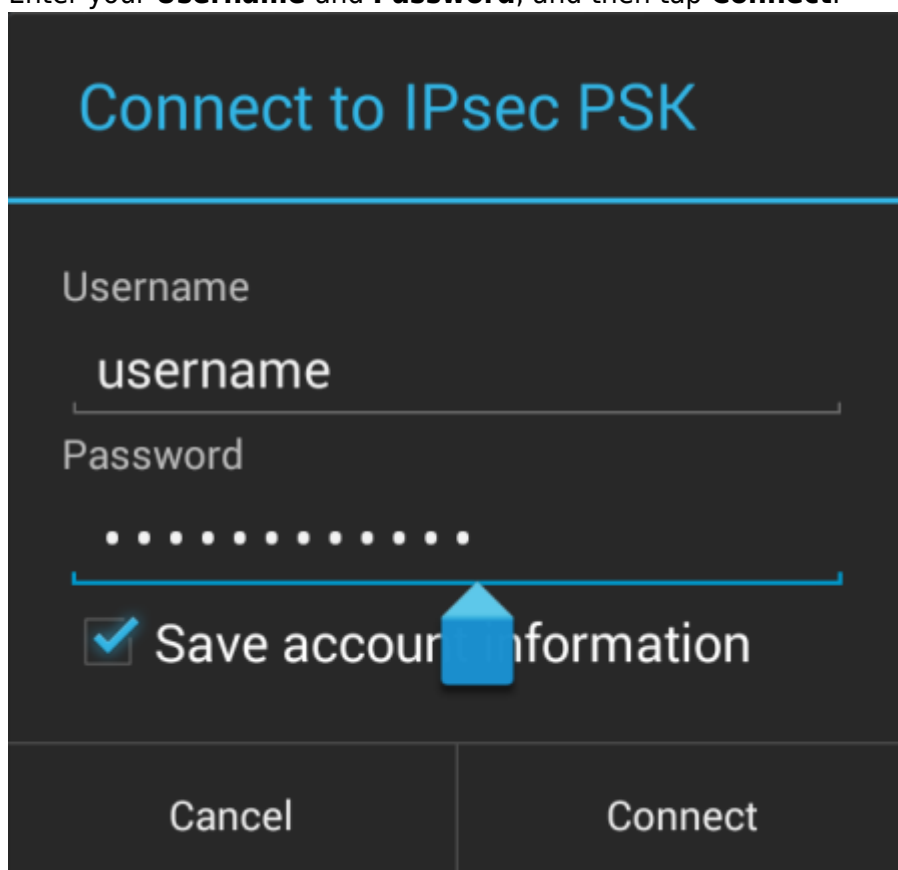
Connect to the VPN with the Android Device

After configuring the Android device, you can connect to the IPsec VPN.

1. On the device, navigate to the VPN screen.
2. Tap the name of the VPN that you want to connect to (e.g., **IpsecWithSharedKeys**).

3. Enter your **Username** and **Password**, and then tap **Connect**.

Figures

1. c2s_android.png
2. android_keys_01.png
3. android_keys_02.png
4. IPsecPSKAndroidUserPasswordPrompt.png