

How to Configure Android Devices for Client-to-Site IPsec VPNs with PSK

<https://campus.barracuda.com/doc/41116237/>

IPsec VPNs are supported for Android version 4.0 and above. Devices with Android version 2.3 are limited to PPTP and L2TP.

The native Android VPN client supports IPsec, L2TP, and PPTP VPNs. Follow the steps in this article to configure an Android device to connect to a client-to-site IPsec VPN with PSK.

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., IPsec PSK).
 - **Type** - Select **IPSec Xauth PSK**.
 - **Server address** - Enter the network address for the VPN service (e.g., 10.0.0.2).
 - **IPSec identifier** - Enter the **group policy** name you entered during the IPsec PSK VPN on the Barracuda NG Firewall (e.g., IPsecPSKGroupPolicyName). For more information, see Step 3 in [How to Configure a Client-to-Site IPsec VPN with PSK](#).
 - **IPSec pre-shared key** - Enter the PSK.

Edit VPN profile

Name
IPsec PSK

Type
IPSec Xauth PSK

Server address
10.0.0.2

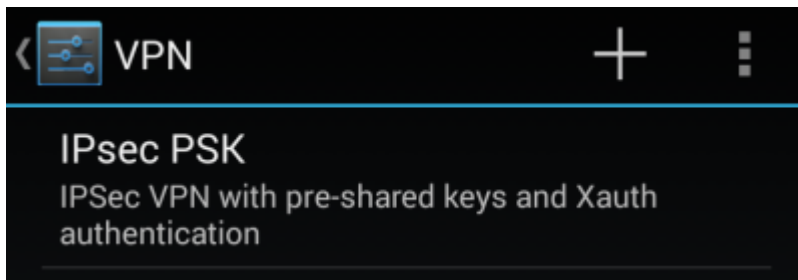
IPSec identifier
IPsecPSKGroupPolicyName

IPSec pre-shared key
.....

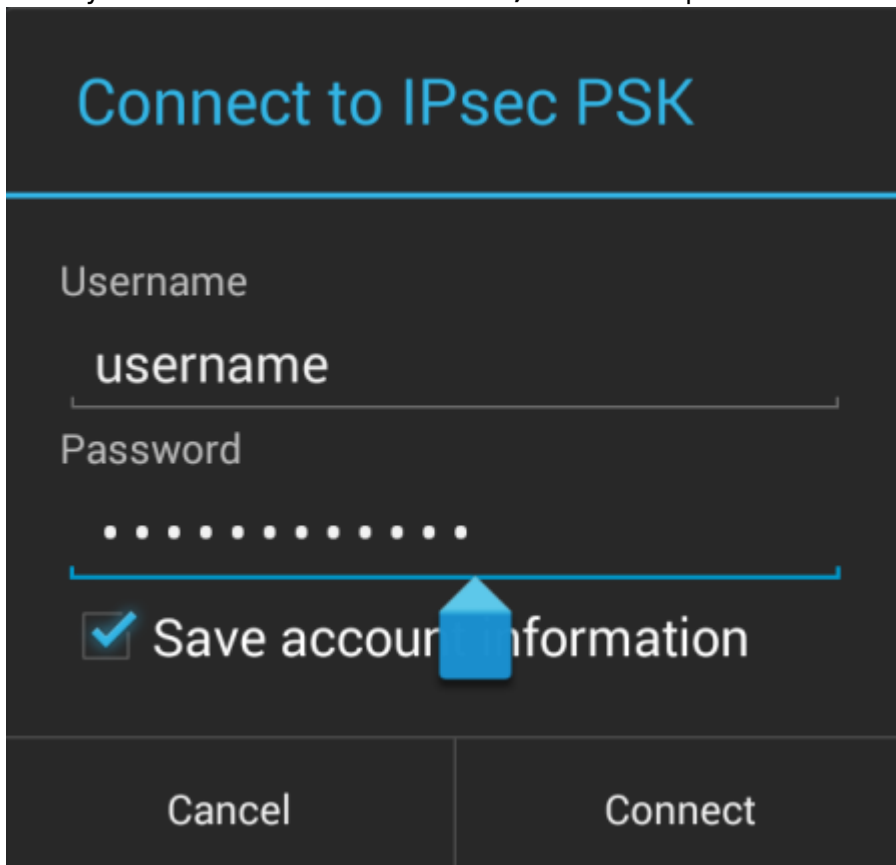
Show advanced options

Cancel Save

6. To connect to the VPN, tap its name (e.g., **IPsec PSK**).



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



Figures

1. IPsecPSKAndroidClient.png
2. IPsecPSKAndroidTapToConnect.png
3. IPsecPSKAndroidUserPasswordPrompt.png

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