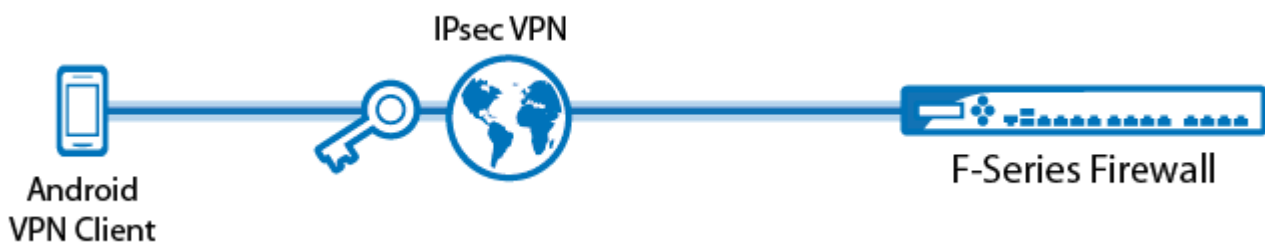


## How to Configure Android Devices for Client-to-Site IPsec VPNs with PSK

<https://campus.barracuda.com/doc/46209398/>

For instructions how to more easily configure and manage a client-to-site VPN using CudaLaunch as the VPN client, see [CudaLaunch](#) and [F-Series Firewall Configuration for CudaLaunch](#).

To connect to a client-to-site VPN with an Android device, you can either manually configure the built-in IPsec VPN client, or use the TINA client included in CudaLaunch for Android. The native Android IPsec VPN client supports IPsec, L2TP, and PPTP VPNs for Android version 4.0 and higher. Devices with Android version 2.3 are limited to PPTP and L2TP. Follow the steps in this article to configure an Android device to connect to a client-to-site IPsec VPN with preshared key authentication.



### Configure the native Android IPsec 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 NextGen Firewall F-Series (e.g., IPsecPSKGroupPolicyName). For more information, see Step 3 in [How to Configure a Client-to-Site IKEv1 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

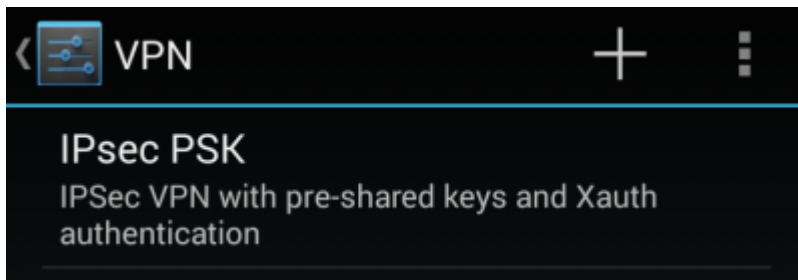
IPSec identifier  
IPsecPSKGroupPolicyName

IPSec pre-shared key  
.....

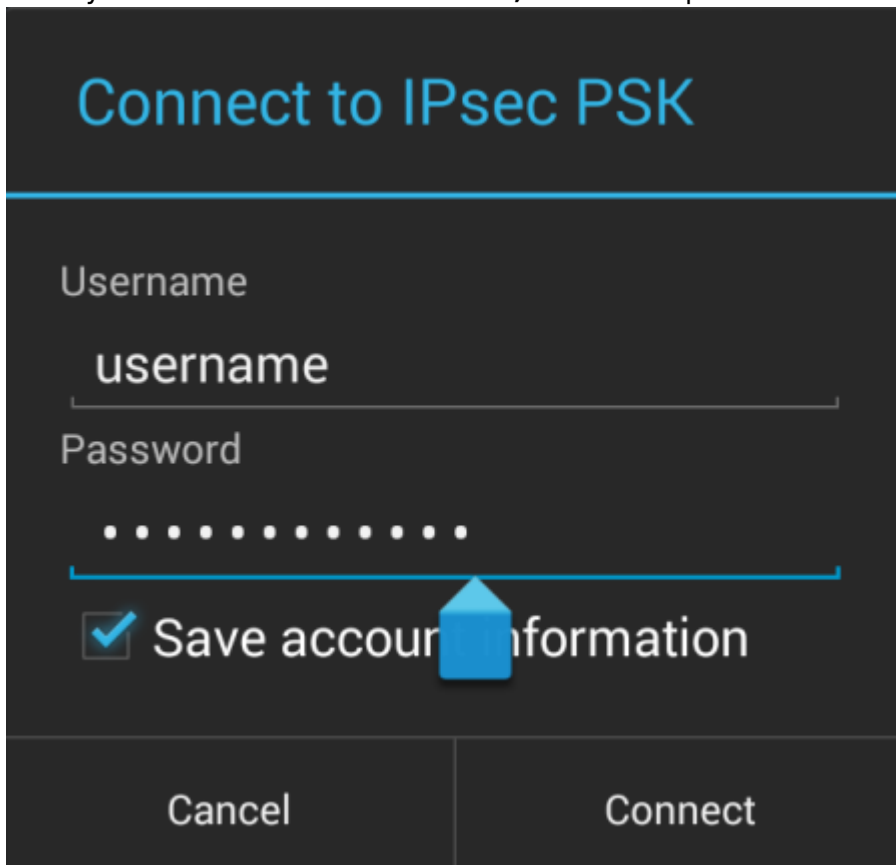
Show advanced options

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. Client2SiteAndroid.png
2. IPsecPSKAndroidClient.png
3. IPsecPSKAndroidTapToConnect.png
4. IPsecPSKAndroidUserPasswordPrompt.png

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