# Configuration of IKEv2 VPN on a Android 11 smartphone

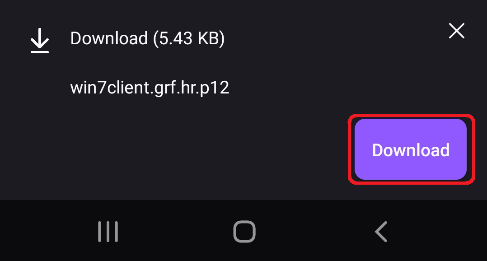
(2021-01-07, mtodorov, used Samsung A22 5G Android smartphone.)

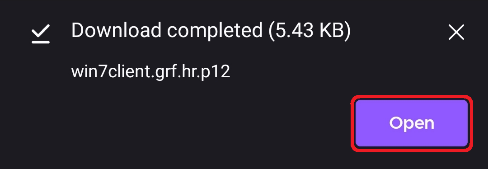
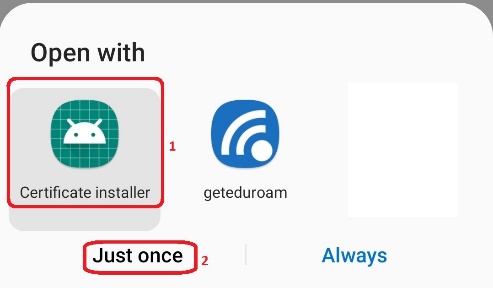
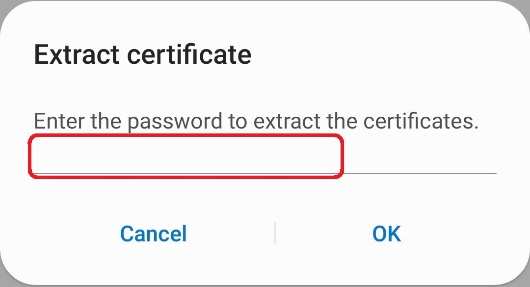
It is necessary to install VPN client certificate generated as described here: https://libreswan.org/wiki/VPN\_server\_for\_remote\_clients\_using\_IKEv2#Example\_certificate\_generation\_with\_certutil

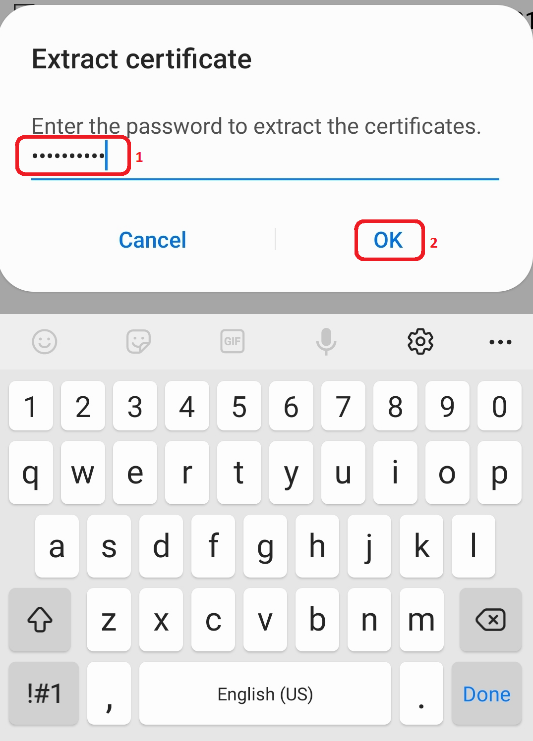
1. In our case, the administrators distribute VPN client key over the Apache2 server. Select the link:

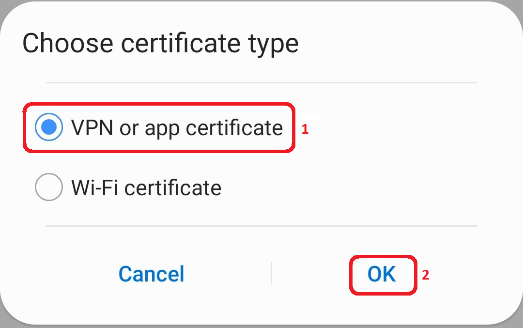


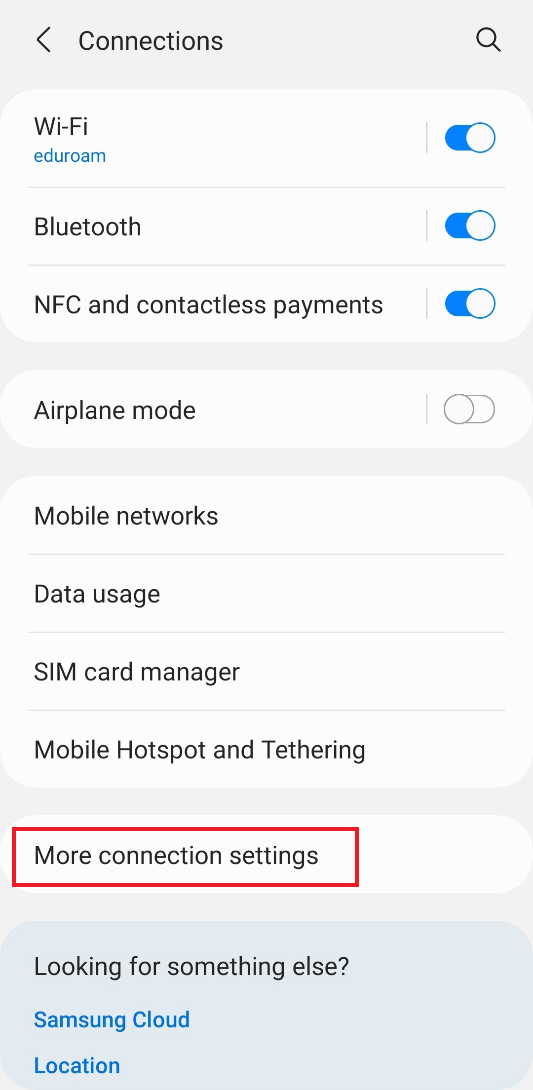
1. Download the client key:

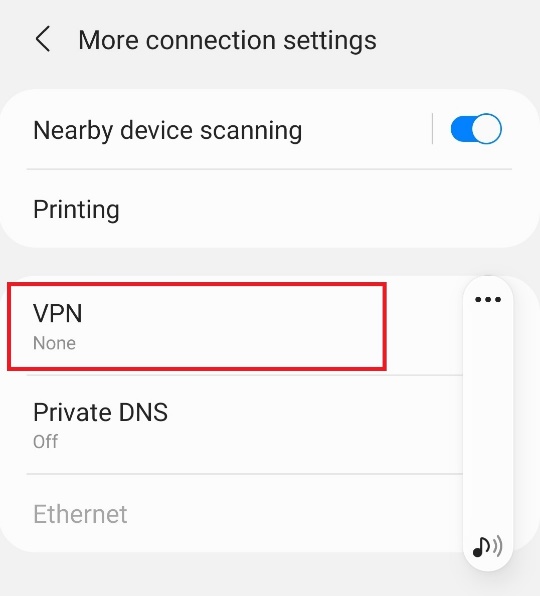
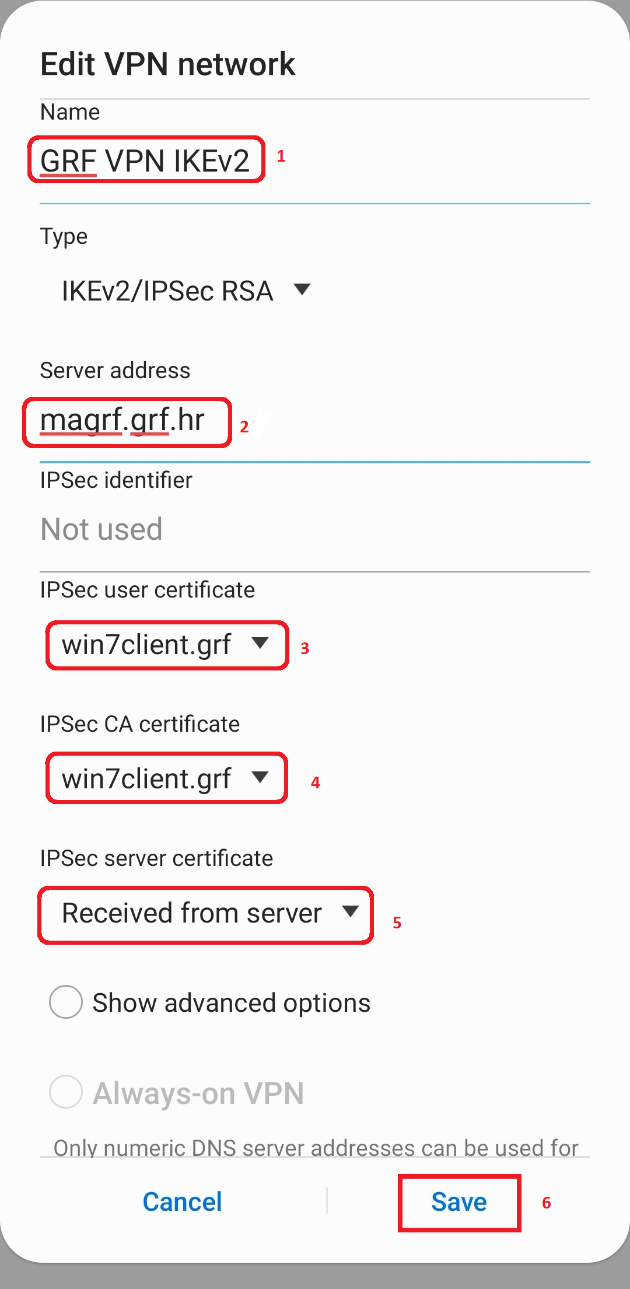


1. Choose Open after the download:
2. Select „Certificate installer“ and „Just once“:  
   
3. Type the certificate password and press OK:  
   



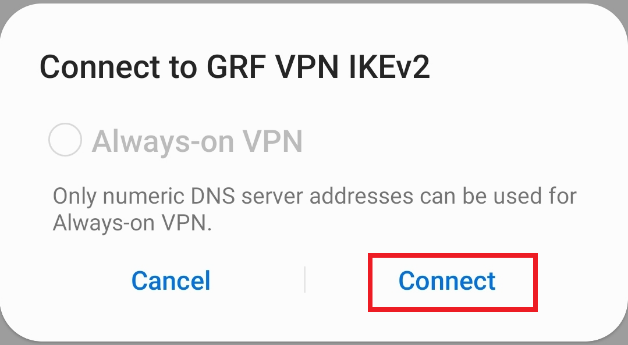
1. Choose VPN or app certificate:  
   
2. Type the name for the certificate you will use in the later step 11:  
   
3. Go into the „Settings“ dialogue of your Android phone, then choose Connections, then „More connection settings“:



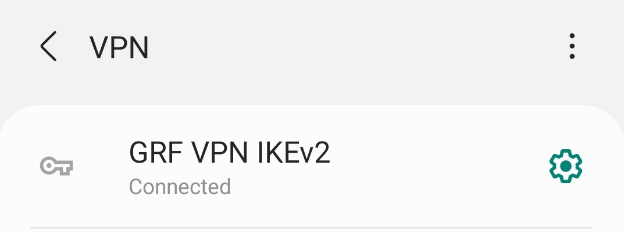
1. Choose „VPN“:  
   
2. Choose three vertical dots: **⋮** in the upper right corner, then „Add VPN profile“
3. Fill in the VPN network wizard:  
   

NOTE: we „cheat“ the wizard and supply windown client certificate as the IPSec CA (root) certificate.

1. Choose the VPN connection by the name you have given it in the step 11, the choose connect:



1. Now the VPN is connected:



Finished 2022-01-07 15:17 UTC+01