IMAP Status

12 December 2019

Dovecot

- Bug with processing SSL certificate attributes preventing handshake with Keycloak server for OAuth2

- Developers feel that it should not be difficult to fix

- Cautiously optimistic

Thunderbird

- OAuth2 implementation is hard coded to six IMAP mail server, simplest of the four OAuth2 grant types, but most restrictive

- Need to implement "dynamic client registration"

- Until then, OAuth2 will not work on the RCF server

- Not optimistic that this will get done any time soon

imap.googlemail.com
imap.gmail.com
imap.mail.ru
imap.yandex.com
imap.mail.yahoo.com
imap.aol.com

Options Until Clients Catch Up

- Go to Office365 - users can do this at any time, but may not be able to return

- Use a VPN to put yourself on the campus network

- Use ssh tunnel to put IMAP on campus network

- Use Roundcube

- Forward mail to offsite server, e.g. gmail

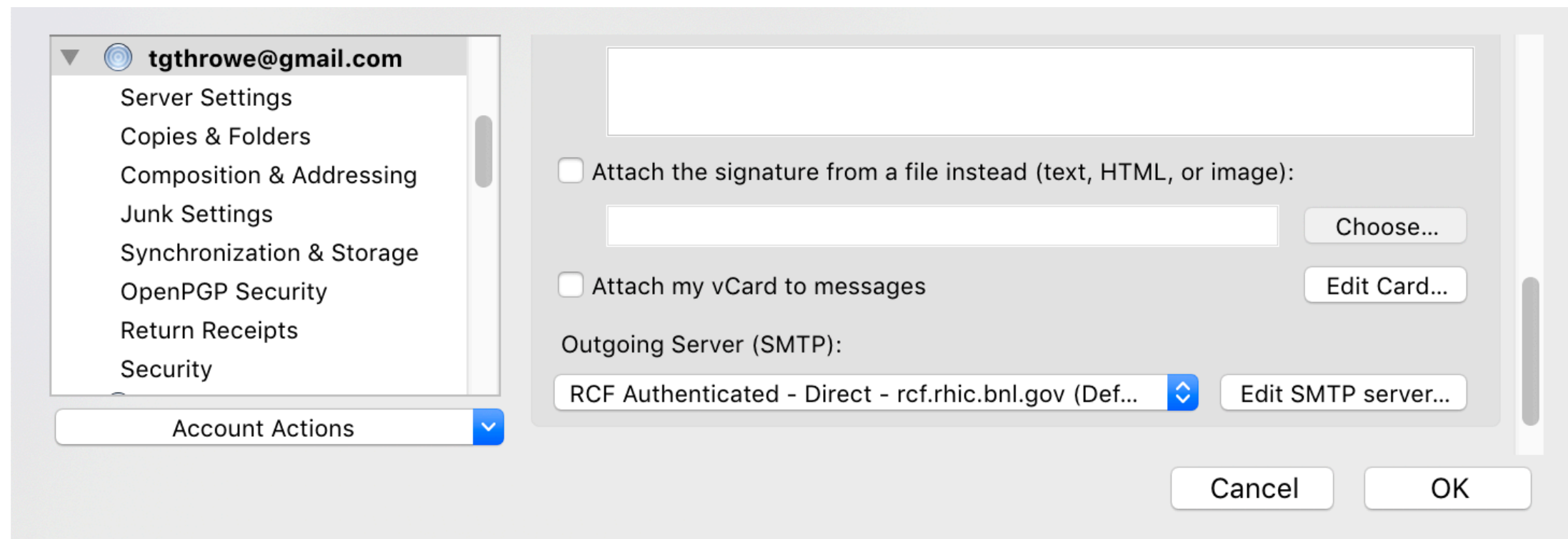- Can still send email through RCF server from clients

VPN

- Once VPN is open, the email client will function as it does now.

- This option will work on laptops and phones

- All network traffic will go through BNL

SSH Tunnel

- Works in the same way that the VPN does, but only IMAP traffic goes through the tunnel

- This option will work on laptops and android phones, but not on iOS devices using the native email app (until bug is fixed). It may work with Blue Mail

Forward email + RCF SMTP

- If email is forwarded, say to gmail, then it can be read in your usual client

- For a client such as Thunderbird, you can set the SMTP server to be the RCF server to retain an @bnl.gov From: address. Probably can do this in other clients.

Thunderbird Configuration