**VPN support**

**Status:** Confirmed  
**Priority:** Normal  
**Assignee:**  
**Category:**  
**Target version:**  
**Type of work:** Code  
**Blueprint:** https://tails.boum.org/blueprint/vpn_support

### Subtasks:

- Feature #6135: PPTP  
- Feature #6136: Allow Tor to connect over PPTP  
- Feature #6137: Add PPTP NetworkManager plugin  
- Feature #6141: iodine  
- Feature #6138: Add iodine NetworkManager plugin  
- Feature #6139: Allow Tor to connect over iodine

### Related issues:

- Duplicated by Tails - Bug #9714: Offer help - Tails need CryptoStorm  
- Duplicated by Tails - Bug #9730: Cannot send emails to tails-dev@boum.org (an...

### History

#### #1 - 10/03/2013 11:18 AM - intrigeri

- Subject changed from vpn support to VPN support  
- Starter set to No

#### #2 - 07/09/2015 01:33 PM - BitingBird

- Duplicated by Bug #9714: Offer help - Tails need CryptoStorm added

#### #3 - 07/12/2015 09:37 AM - kytv

- Duplicates Bug #9730: Cannot send emails to tails-dev@boum.org (and please support VPN) added

#### #4 - 07/13/2015 12:16 AM - intrigeri

- Duplicates deleted (Bug #9730: Cannot send emails to tails-dev@boum.org (and please support VPN))

#### #5 - 07/13/2015 12:16 AM - intrigeri

- Duplicated by Bug #9730: Cannot send emails to tails-dev@boum.org (and please support VPN) added

#### #6 - 02/28/2016 06:00 PM - londonsilver

- File OpenVPN_over_Tor_in_Tails_1.8.x.txt added

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Here's a script for 1.8.2 that installs OpenVPN (if not yet installed) and modifies ferm.conf, torrc and ip route to enable OpenVPN over Tor.

Requirement: Working OpenVPN config in /home/amnesia/Persistent/vpn.ovpn.

HTH
looking back at the "constructive" feedback in #tails I should add that the *.ovpn needs to be configured using TCP (obvious but I mentioned it hereby).

also:
- you might want to consider not to run openvpn as root user but user "openvpn" - maybe according to https://community.openvpn.net/openvpn/wiki/UnprivilegedUser
- it was way better to have fixed markers in ferm.conf that awk could look for
- a user "vpnuser" used to 'sudo -u vpnuser desired_software' was desirable too instead to (ab)use the user "clearnet"

#8 - 02/28/2016 08:24 PM - londonsilver
#tails user "geb" requested to add this: https://trac.torproject.org/projects/tor/wiki/doc/TorPlusVPN ("If you know what...")

#9 - 02/29/2016 09:24 AM - londonsilver
FWIW: Script works 1:1 in Tails 2.2 RC1

#10 - 07/20/2016 11:35 PM - openvpner
- File OpenVPN_over_Tor_in_Tails_2.4.x.sh added

I modified the script to run with default bash on Tails 2.4.x.

Seems to be working and I have tun0 interface but I don't know how to connect to it. Any help would be appreciated.

#11 - 11/06/2019 11:49 PM - mrtails
the .sh script don't work... I tried lunch it but terminal give me error:

[...] Reloading ferm configuration (via systemctl): ferm.service:Job for ferm.service failed because the control process exited with error code. See "systemctl status ferm.service" and "journalctl -xe" for details

how to solve?

#12 - 12/16/2019 09:54 PM - mrtails

Files
OpenVPN_over_Tor_in_Tails_1.8.x.txt 3.06 KB 02/28/2016 londonsilver
OpenVPN_over_Tor_in_Tails_2.4.x.sh 2.98 KB 07/20/2016 openvpner