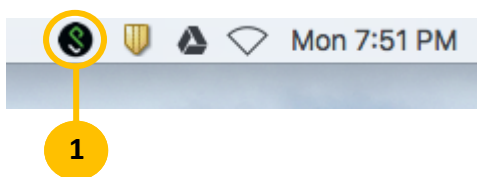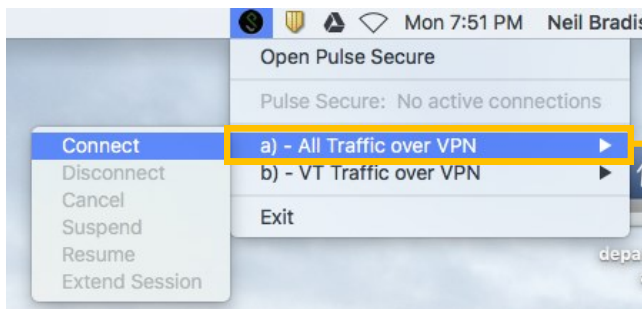**If you have not installed the Pulse Secure VPN Client, please download it from here:**
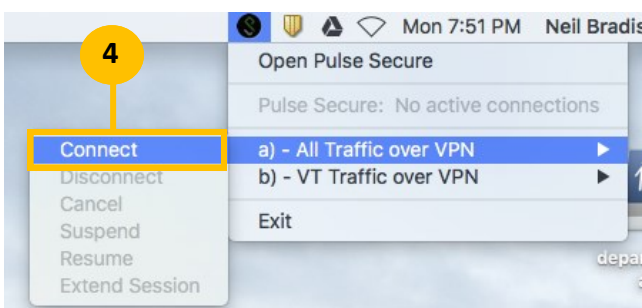Click Here to go to the download page

Note: Mac OS version 10.8 Mountain Lion or higher is required to install the Pulse Secure VPN software.
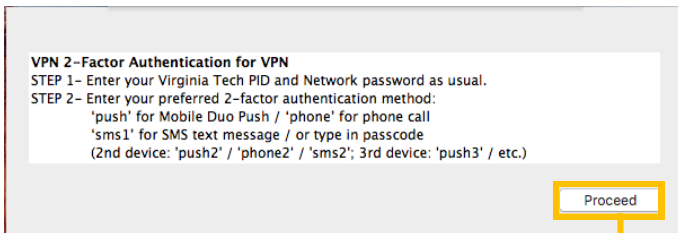

1. In the Mac OS menu bar, locate the **Pulse Secure** icon on the right side of the screen.

2. Click on the **Pulse Secure** icon.

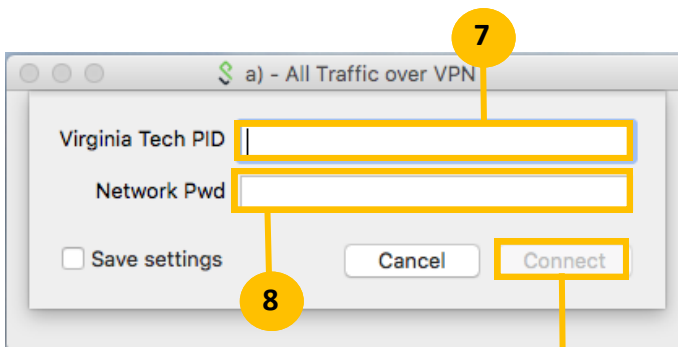3. Always select option **a)—All Traffic over VPN.**

4. Select **Connect**.

VPN 2-Factor Authentication for VPN
STEP 1– Enter your Virginia Tech PID and Network password as usual.
STEP 2– Enter your preferred 2–factor authentication method:
'push' for Mobile Duo Push / 'phone' for phone call
'sms1' for SMS text message / or type in passcode
(2nd device: 'push2' / 'phone2' / 'sms2'; 3rd device: 'push3' / etc.)

Proceed

5

5. When the message screen appears as shown on the left, click the "**Proceed**" button.

7

a) - All Traffic over VPN

Virginia Tech PID

Network Pwd

☐ Save settings   Cancel   Connect

8

9

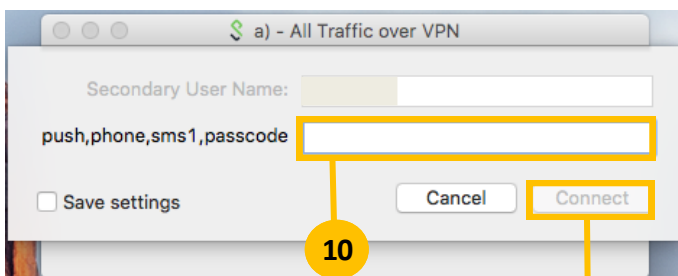6. You will be asked for your username and password.

7. In the **User Name** field, type in your PID.

8. In the **Password** field, type in your network password.

9. Click the **Connect** button.

Note:

Your network password is the same password you use to login to "eduroam" wireless internet while in the Northern Virginia Center.

a) - All Traffic over VPN

Secondary User Name:

push,phone,sms1,passcode

☐ Save settings   Cancel   Connect

10

11

10. Next type in what two-factor authentication you would like to use:

    push—Will send a push to the Duo Push mobile app.
    phone– Will call the default phone number registered in your 2-factor settings.
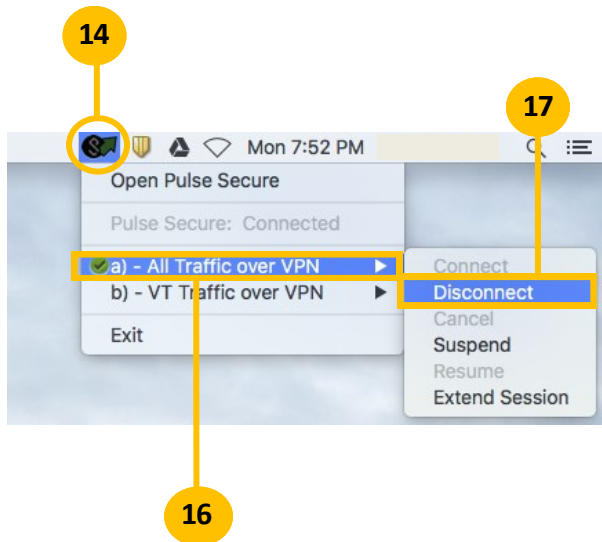   **sms1**– sends a text message with a passcode to your mobile phone that's registered in your 2-factor settings.
    Passcode– to use the code from your yubikey or duo mobile app.

11. Then click the **Connect** button.

12. Once you have successfully completed the two factor authentication step, you will be connected to the VPN.

13. When you are finished using the VPN, disconnect from it.

   To disconnect:

14. In the Mac OS top menu bar, locate the **Pulse Secure** icon on the right side of the screen.

15. Click on the **Pulse Secure** icon.

16. Select option **a)—All Traffic over VPN.**

17. Select **Disconnect.**

Having trouble or still need help?

NVC Information Services:
Phone (M-F 9AM to 9:30PM): 703-538-8444
http://www.nvc.vt.edu/intranet/is/

Virginia Tech 4-Help:
Phone (24/7): 540-231-4357
https://vt4help.service-now.com/sp