

Linux: AnyConnect Client Manual Installation Instructions

AnyConnect Support for Linux

Cisco AnyConnect Secure Mobility Client 4.0 supports the following versions of Linux operating system:

- Red Hat 6 (64-bit)
- Ubuntu 12.x (64-bit)

***The AnyConnect GUI is not supported on all Linux distributions. When the GUI is supported, it's appearance is the same as the AnyConnect version 2.5 GUI.

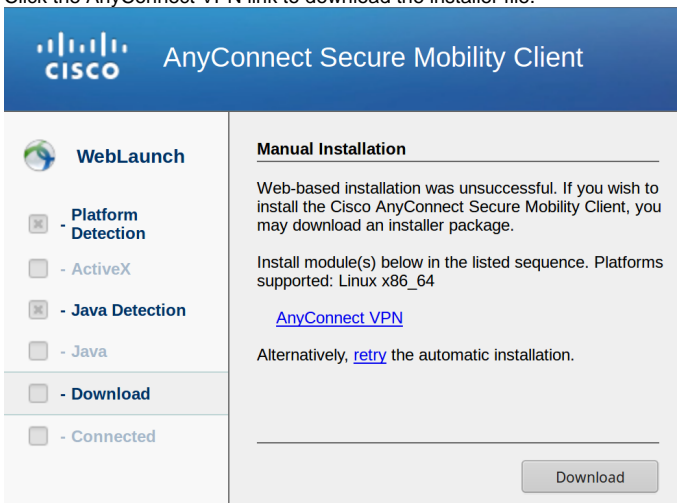
Linux Requirements

- x86 instruction set.
- 64-bit processor.
- 32 MB RAM.
- 20 MB hard disk space.
- Superuser privileges are required for installation.
- libstdc++ users must have libstdc++.so.6(GLIBCXX_3.4) or higher, but below version 4.
- Java 5 (1.5) or later. The only version that works for web installation is Sun Java. You must install Sun Java and configure your browser to use that instead of the default package.
- zlib - to support SSL deflate compression
- xterm - only required if you're doing initial deployment of AnyConnect via Weblaunch from ASA clientless portal.
- gtk 2.0.0. .
- gdk 2.0.0.
- libpango 1.0.
- iptables 1.2.7a or later.
- tun module supplied with kernel 2.4.21 or 2.6.

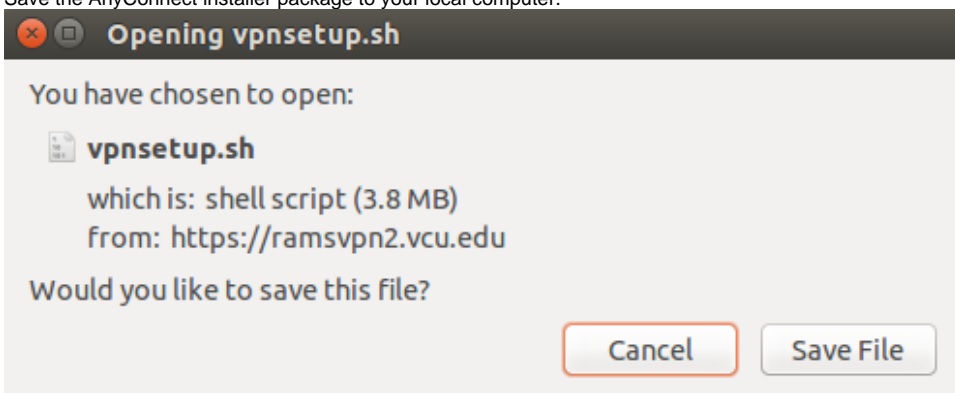
[AnyConnect Support for Linux](#)

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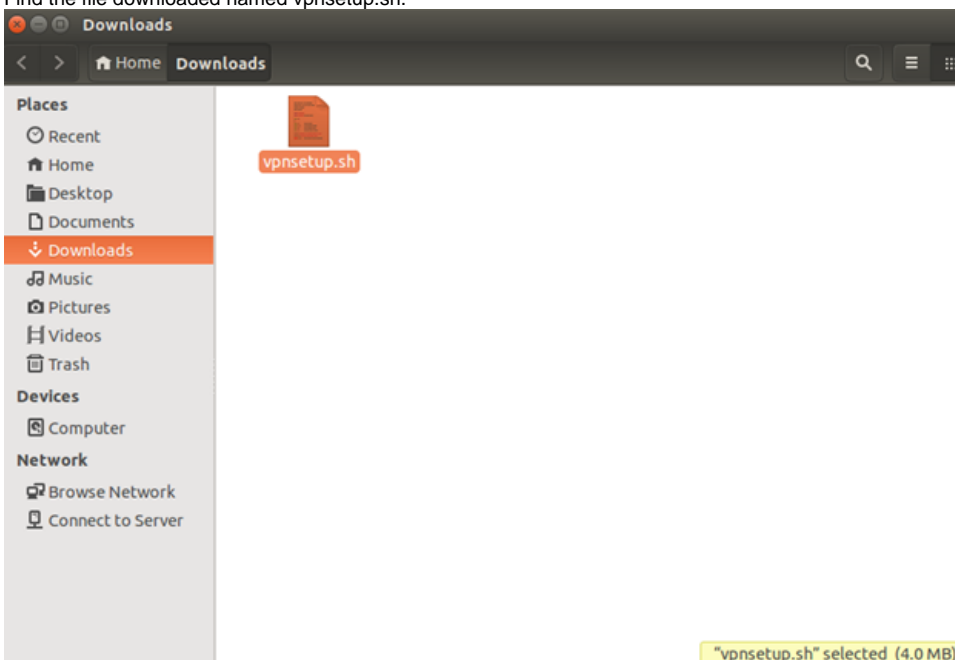
1. Go to <https://ramsvpn.vcu.edu> and login using your VCU eID and password, and preferred DUO two factor authentication method.
2. Click the AnyConnect VPN link to download the installer file.



3. Save the AnyConnect installer package to your local computer.



4. Find the file downloaded named vpnsetup.sh.



5. To run the shell executable file named vpnsetup.sh: Open a terminal window and change directories to the directory where vpnsetup.sh is saved, and then type:

```
sudo sh vpnsetup.sh

username@computername-ubuntu:~/Downloads$sudo sh vpnsetup.sh

Installing Cisco AnyConnect Secure Mobility Client...

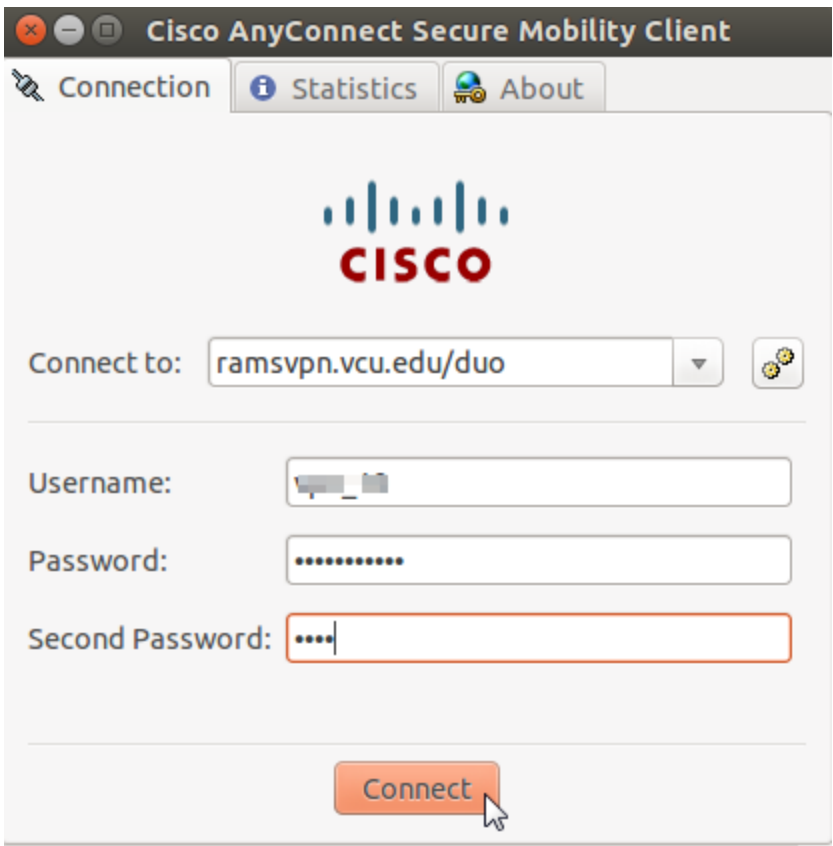
Extracting installation files to /tmp/vpn.r04gyB/vpninst603599585.tgz...

Unarchiving installation files to /tmp/vpn.r04gyB...

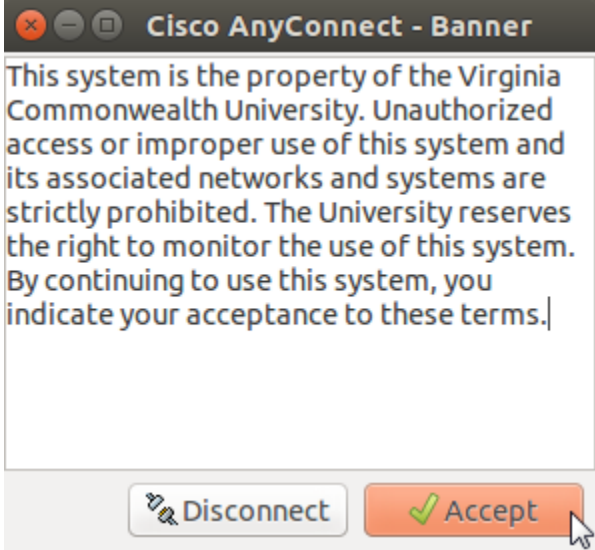
Starting Cisco AnyConnect Secure Mobility Client Agent...

Done!
```

6. Open AnyConnect. Enter ramsvpn.vcu.edu in the connection bar. Enter your eID and password. Second Password depends on your preferred 2nd factor authentication option (see [Authentication Options](#)). Click "Connect".



7. Click "Accept".



ATTENTION:

There are known issues with the Cisco AnyConnect client on various Linux distros. For this reason, we suggest using OpenConnect for Linux. OpenConnect is free and open source SSL VPN client software initially created to support Cisco's AnyConnect SSL VPN.

<http://www.infradead.org/openconnect/index.html>

[Known issues with the Cisco AnyConnect client in Linux](#)