Linux VPN Access

If you're running Linux for your desktop OS, you can indeed use it to connect to the VPN. For tasks such as logging into BUSS or Sage, or for accessing your home space, the web interface should work fine for you under Firefox/Iceweasel.

If you'd like to use Remote Desktop, SSH to a server, or something else that's not web-based, you'll need to use the standalone Pulse Secure client. There is now a dedicated Linux client; both RPM-based (RHEL, CentOS, Fedora) and DEB-based (Ubuntu, Debian, Mint) installers are available at [http://software.brandeis.edu/Pulse/](http://software.brandeis.edu/Pulse/).

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### Pulse Client

#### Installation

The Pulse Client for Linux is available on [software.brandeis.edu](http://software.brandeis.edu). There's both an rpm-based installer and a deb-based installer; download the version corresponding to your operating system. Once downloaded, install with:

**Ubuntu/Debian**

```
sudo gdebi pulse-<version>-Ubuntu-Debian.deb
```

or

**RHEL/CentOS**

```
sudo yum install pulse-<version>-CentOS-RHEL.rpm
```

You're obviously welcome to install with `dpkg` or `rpm` instead; you'll just be responsible for managing dependencies yourself.

The rpm version at [http://software.brandeis.edu/Pulse/pulse-8.1R9-CentOS-RHEL.rpm](http://software.brandeis.edu/Pulse/pulse-8.1R9-CentOS-RHEL.rpm) works for Steven Karel on RHEL 6 ... installs and runs but **does not work** (interferes with all networking) on RHEL 7.

#### Configuration

The Pulse Client is pretty minimal; as such, everything is configured with command-line flags—there's no separate configuration files.

#### Usage

Network Connect, which was deprecated, no longer works under various Debian versions. Please move to the Pulse Secure client (instructions below) as Network Connect is no longer supported.
Everything makes use of the `/usr/local/pulse/PulseClient.sh` script; simply pass flags to it as needed.

### Starting Pulse Client

```
/usr/local/pulse/PulseClient.sh -h wormhole.brandeis.edu -u <username> -U https://wormhole.brandeis.edu/
```

### Pulse Client Status

```
/usr/local/pulse/PulseClient.sh -S
```

### Stopping Pulse Client

```
/usr/local/pulse/PulseClient.sh -K
```

By default, the Pulse Client attaches to your terminal and runs in the foreground. You can of course run it in the background with `&`, `bg`, etc., or run it as a daemon by using your distribution's built-in `initscript` libraries (`/lib/lsb/init-functions`, `/etc/rc.d/init.d/functions`, etc.).

### Network Connect (Deprecated, No Longer Supported)

If you still have Network Connect installed please upgrade to the latest version of Pulse Connect for the VPN.