Install SSL VPN Client for Ubuntu 16.x

⚠ This topic only applies to **Armor Complete** users.

Overview

At a high level, if you use Ubuntu 16.x, to successfully install the SSL VPN client, you must:

* Download the SSL VPN client
* Install the SSL VPN client
* Log into the SSL VPN client

**Step 1: Download the SSL VPN client**

⚠ For Account Administrators only.

1. In the Armor Management Portal (AMP), in the left-side navigation, click **Infrastructure**.
2. Click **SSL VPN**.
3. Click **Members**.
4. Click the plus (+) icon.
5. In the field, enter and select the name of the user, or their email address.
6. Mark the desired data center or data centers that the user can connect to.
7. Click **Submit**.

   * The newly added user will appear in the table; the table is organized in alphabetical order, based on the first name of the user.
8. Click **Client**.
9. Click **Download SSL VPN client**.
   * AMP will automatically detect your operating system; however, you can click **Download for another platform** to view other operating system options.
   * When you open the client, follow the on-screen installation instructions.
   * For **Windows** users, the client will download as a **.zip** file.

     * Extract the installation files to your local hard drive.
     * Launch the **installer.exe** file to begin the installation.

     For **Mac OS** users, the client will download as a **.tgz** file.

     * Extract the installation files to your local hard drive.
     * Access the **mac_phat_client** folder, and then run the **naclient.pkg** installer.
     * When you run the installer, you will see an error regarding the certificate. Click **Continue**. (In a future release, Armor will resolve the issue.)
     * To launch the SSL VPN client, in your **Applications** folder, search for **naclient**.
     * If you run Mac OS 10.11 or higher, then please review Install SSL VPN Client for Mac OS, version 10.11 and higher.
10. After installation, open the client.
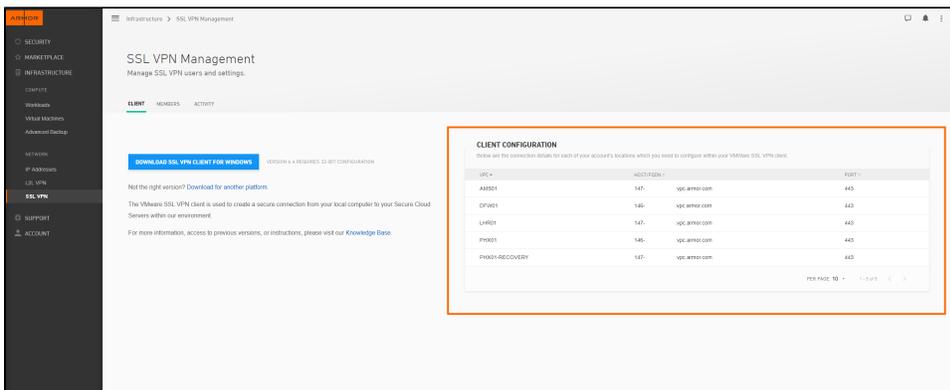   * In the drop-down menu, **default** will be listed.
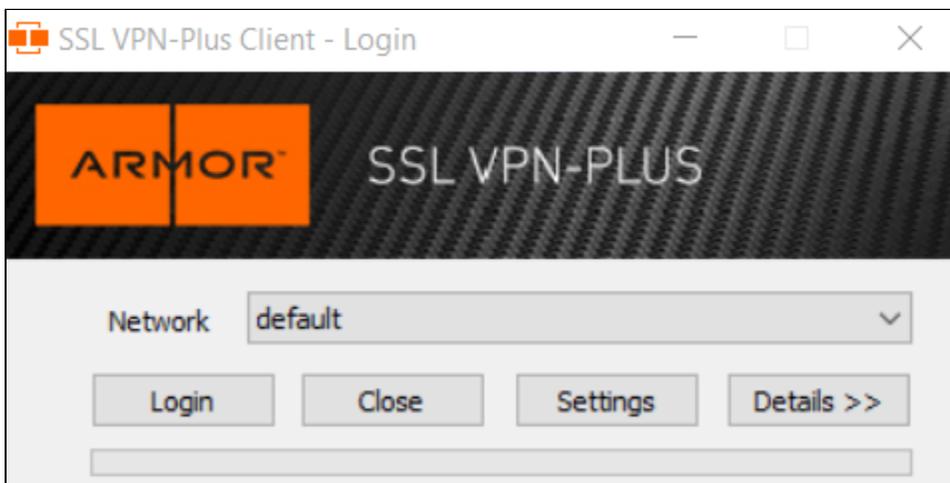
11. Click **Settings**.

- To add a new connection, you must enter a **Connection Alias**, **Hostname/IP Address**, and **Port**, which you can find in AMP.
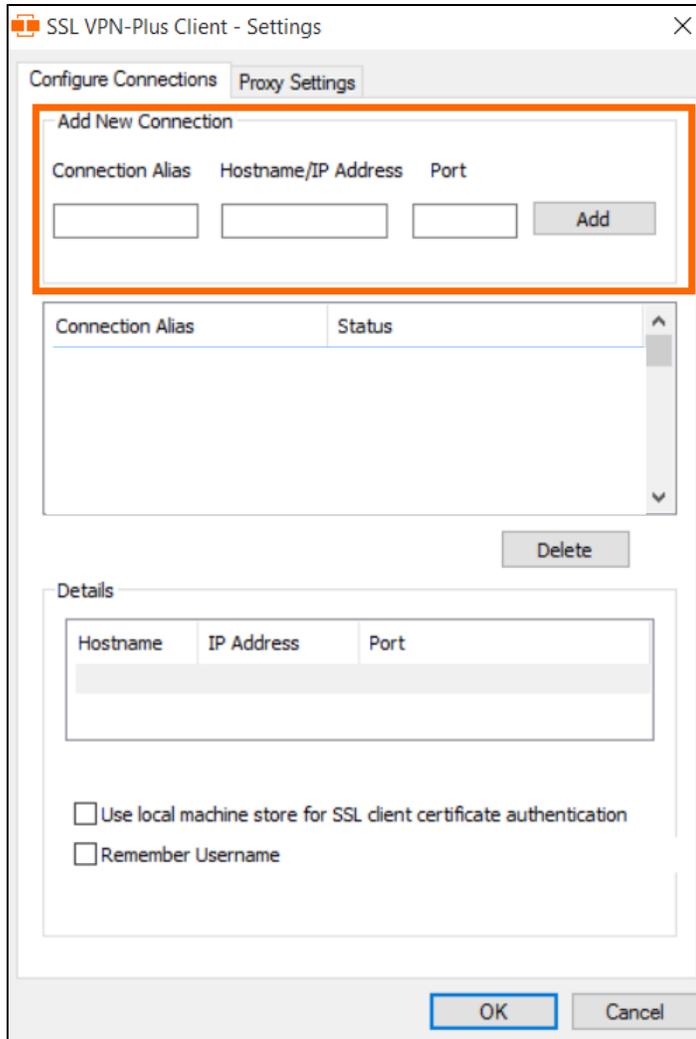
12. Return to AMP, specifically to the **Client** section of the **SSL VPN**screen.
13. Use the **Client Configuration** table to locate the data center and corresponding information to add to the client.

14. Under **Client Configuration**, copy the **Location** information, and then paste that information into **Connection Alias**.
15. Under **Client Configuration**, copy the **HOST/FQDN** information, and then paste that information into **Hostname/IP Address**.
16. Under **Client Configuration**, copy the **Port** information, and then paste that information into **Port**.
17. Click **Add**.
18. Click **OK**.
19. In the drop-down menu, select the newly created connection.
20. Log into the client.
    - Your SSL VPN login credentials are the same credentials you use to access the Armor Management Portal (AMP).

Step 2: Install the SSL VPN client

1. Run the following command:

```
tar -xzvf Armor-VpnSetup.tgz
```

2. Set the execute bit on the install script with the following command:

```
cd ~/Downloads/linux_phat_client
chmod +x install_linux_phat_client.sh
```

3. Install the dos2unix utility with the following command:

```
sudo apt install dos2unix
```

4. Change the line endings of the files to a unix format with the following command:

```
cd ~/Downloads/linux_phat_client
dos2unix install_linux_phat_client.sh && dos2unix linux_phat_client/*
```

5. Install the client with the following command:

```
cd ~/Downloads/linux_phat_client
sudo ./install_linux_phat_client.sh
```

Step 3: Log into the SSL VPN client

1. Retrieve your profile name with the command below. You will need this information to log into the client.

   ⚠️ Your profile name includes the network, datacenter, and zone.

```
sudo cat /opt/sslvpn-plus/naclient/naclient.conf | awk '{print $1}'
```

2. Log into the client with the following command:

```
sudo naclient login
```

3. Enter your profile name, username, and password, and then press **Enter**.
   - You will see the following message: "Successfully connected to SSL VPN-Plus gateway profile: [you profile name]"
4. (Optional) Log out with the following command:

```
sudo naclient logout
```