



DIVISION OF INFORMATION
MANAGEMENT AND DECISION SUPPORT
LAMAR UNIVERSITY

LINUX VPN SETUP AND CONFIGURATION GUIDE

This guide is intended to assist users in establishing a remote VPN connection to the Lamar University network. Virtual Private Networking (VPN) gives the user an encrypted connection to the Lamar University network. Passwords and other sensitive information will be securely transmitted over the Internet and into the campus network. Traffic to and from the Lamar University network will be secure and permitted only when using VPN.

Introduction:

Lamar University network access via VPN for Linux uses Fortinet's Forticlient. Please read these instructions and notes carefully prior to setting up the VPN on your Linux computer.

Requirements:

- 1) LEA 2-Step registration is required for all Lamar University users
- 2) Working internet connection.
- 3) CentOS, Ubuntu, Red Hat, or Fedora current stable releases.

On campus: VPN client is not required.

Off campus: Must be connected over a working internet connection.



**LU VPN ACCESS
REQUIRES LEA-2-STEP
LU VPN ACCESS IS ONLY SUPPORTED
USING THE DUO MOBILE APP**

LEA 2-Step



Something You Know

+



Something You Have

=



LEA 2-Step

STEP 1

LEA 2-Step is a two-factor authentication system that provides additional security for access to Lamar University Information Systems.

If you have not registered a device with LEA 2-Step using the Duo Mobile App, please contact the IT Service Desk for assistance. If you have registered, you can move on to Step 2.

More information about the LEA 2-Step can be found by visiting <https://www.lamar.edu/lea2step>.

STEP 2

Download and run the installer located on the Lamar University Remote Access Service page for your platform.

STEP 3

Navigate to the directory of the downloaded file and extract the compressed files either using the built-in **tar** command or a utility application.

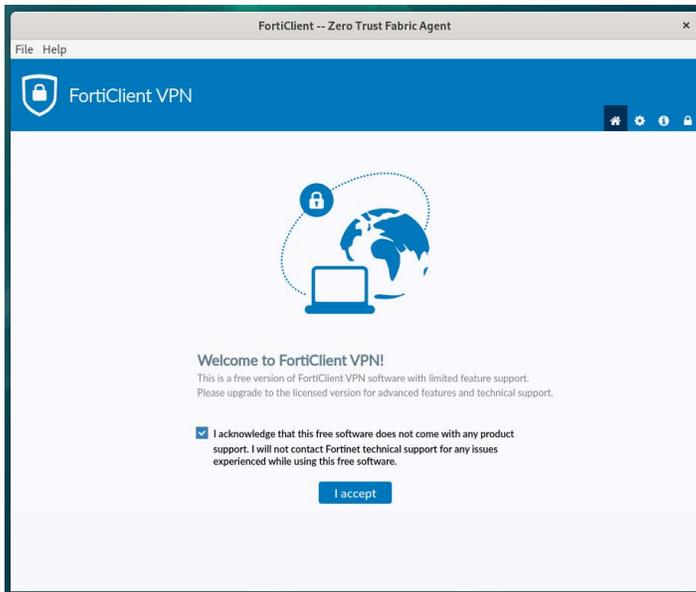
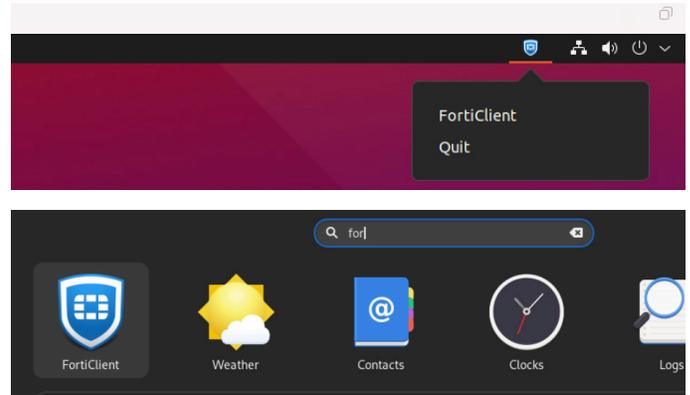
STEP 4

Once the files are extracted, navigate to the specific file for your Linux version and open the installer for your version of Linux.



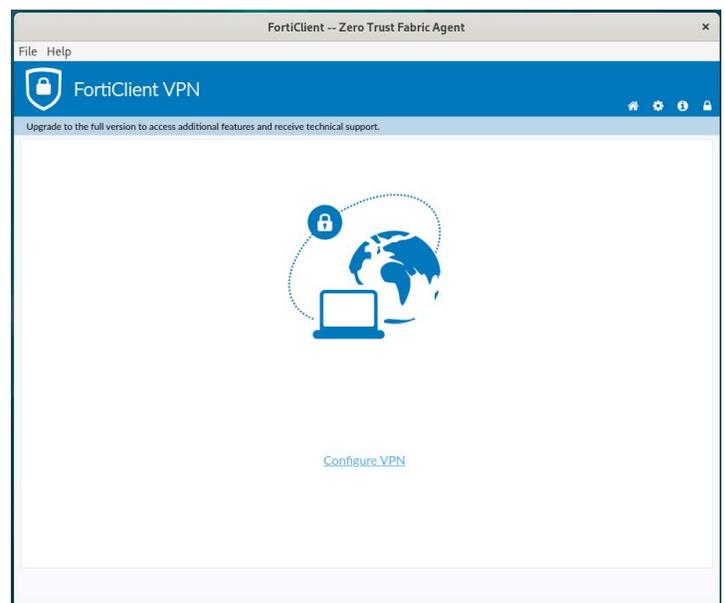
STEP 5

After the install is complete, you will be able to launch the FortiClient application from the menu bar in your system tray or search for FortiClient.



STEP 6

After launching FortiClient application, check the checkbox to accept the license and click on "I accept".



STEP 7

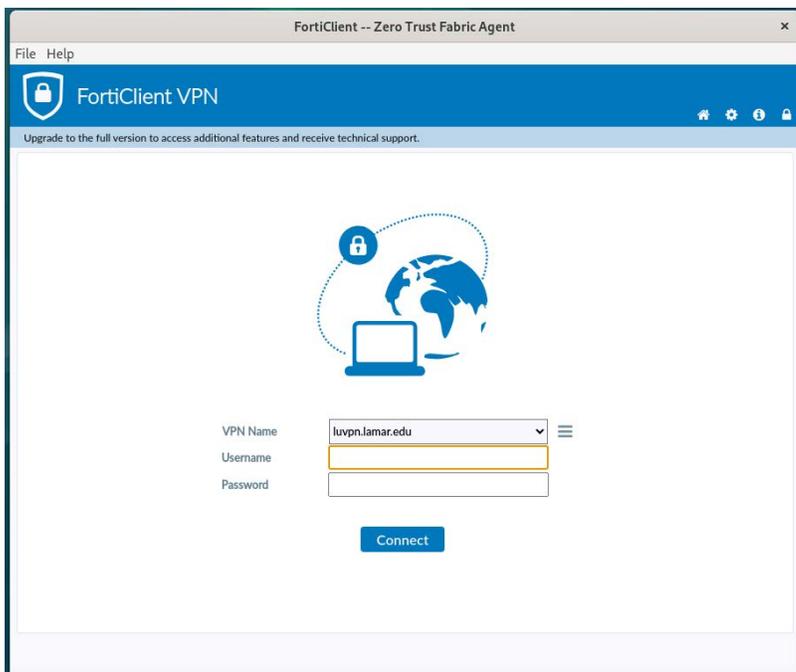
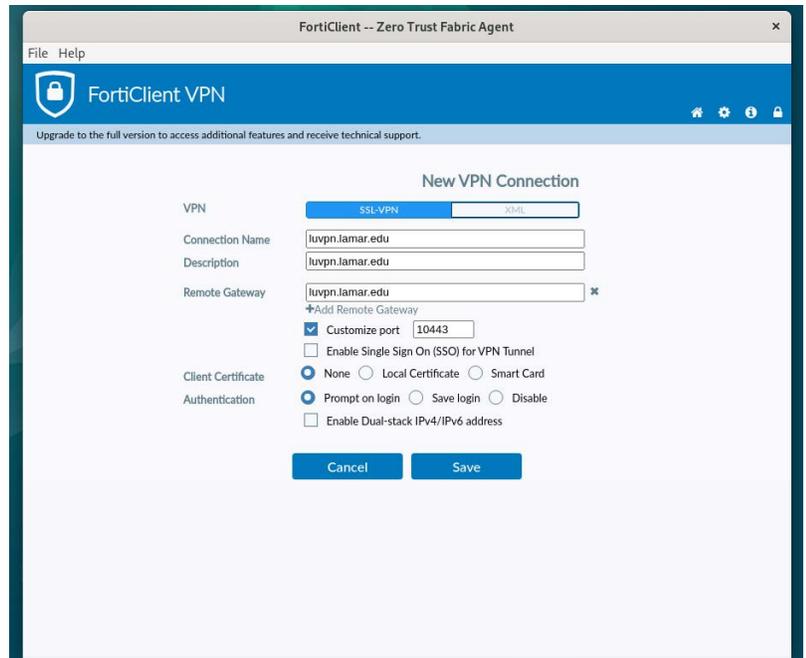
Now click on "Configure VPN".



STEP 8

The following dialog box should be displayed. Please populate the fields with the following information below and click “Save”.

Server	luvpn.lamar.edu
Port (next field)	10443
User	LEA username
Password	LEA password



STEP 9

Verify "luvpn.lamar.edu" is selected in the VPN Name field.

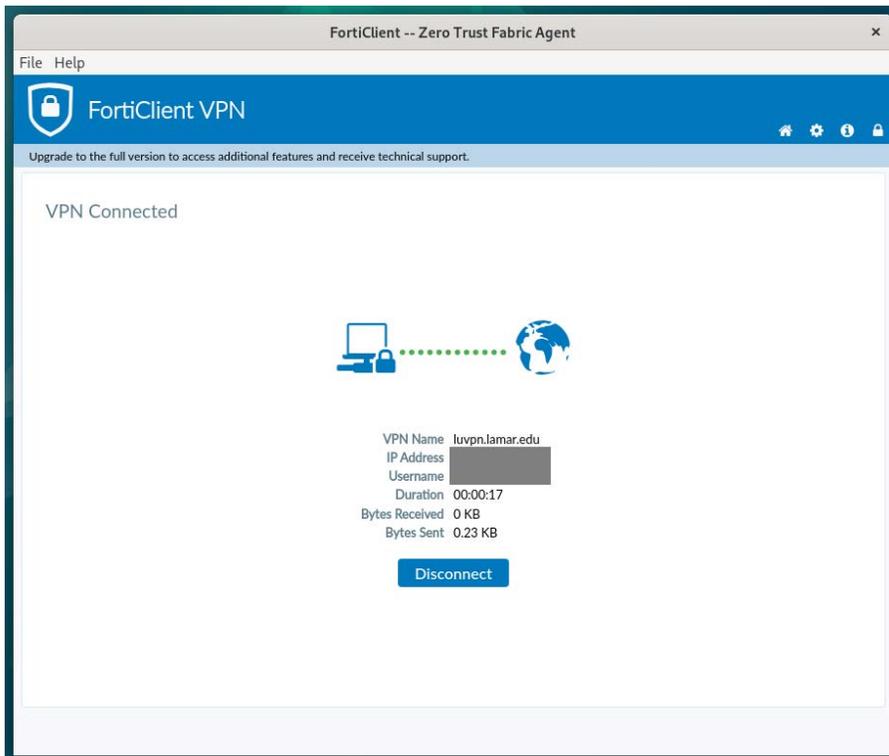
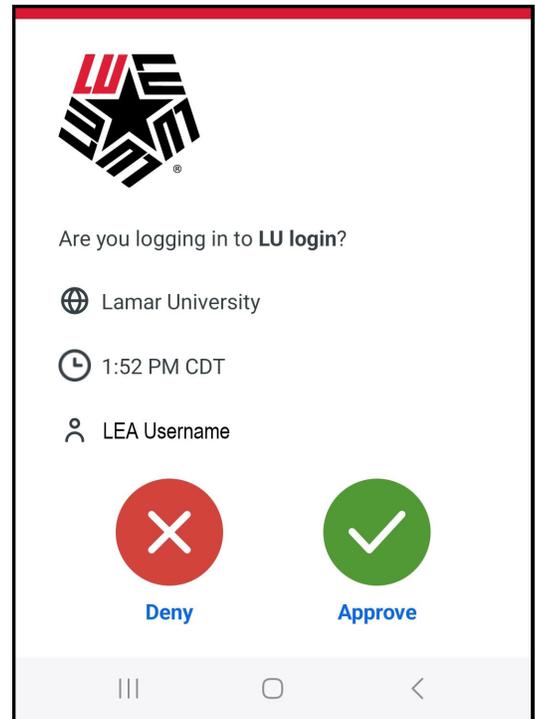
Enter your LEA username (DO NOT include @lamar.edu) and password in their respective fields and click “Connect”.



STEP 10

When prompted on the Duo Mobile App, press **"Approve"** to complete the VPN connection.

If you receive a Duo notification without attempting to login, **"Deny"** it, and contact the Service Desk immediately.



STEP 11

After approving the Duo Mobile request, the dialog box should confirm the VPN connection.