



INFORMATION TECHNOLOGY
LAMAR UNIVERSITY
Security Operations Center

OSX 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.

**STUDENTS ARE NOT REQUIRED TO USE LEA 2-STEP.
FACULTY AND STAFF WILL BE REQUIRED TO USE LEA 2-STEP FOR REMOTE ACCESS.**

Introduction:

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

Requirements:

- 1) LEA 2-Step registration is required for Lamar University Faculty/Staff
 - 2) Working internet connection
 - 3) Mac OS X v10.8 Mountain Lion and newer
- On campus: VPN client is not required.
Off campus: Must be connected over a working internet connection.



STEP 1

Students are not required to use LEA2-Step, Students please proceed to STEP 2.

Register for LEA 2-Step by visiting the link below and clicking on “Get Started with LEA 2-Step”

<http://www.lamar.edu/lea2step>.

LEA 2-Step



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

Lamar University Faculty and Staff will be using LEA 2-Step for access to VPN. Your LEA account will need to be registered in addition to enrolling a device that you have. Instructions and information can be found at <http://www.lamar.edu/lea2step>.

STEP 2

Download and run the installer located on the Lamar University remote access service webpage for your platform.

(If you have an existing forticlient installation from the fortinet website or an older forticlient version please uninstall and reinstall using the installer from Lamar University.)

STEP 3

Doubleclick the downloaded installer a dialog box will open. Please doubleclick the “Install.mpkg” to begin the installation.





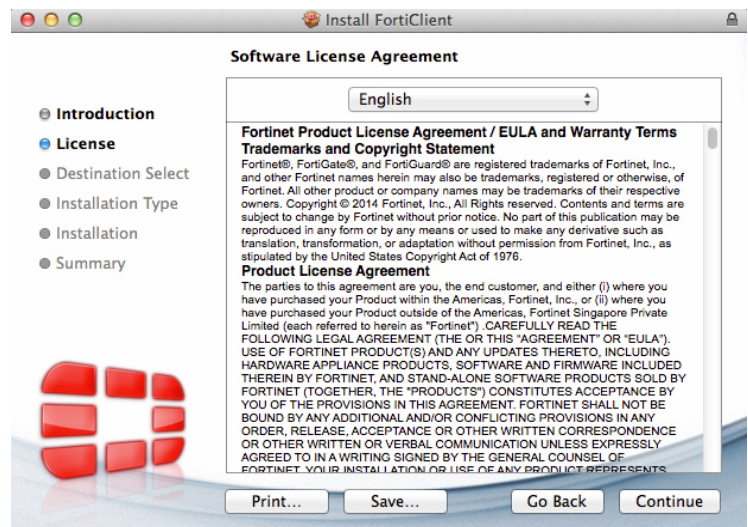
STEP 4

Select “Continue” to the welcome message.



STEP 5

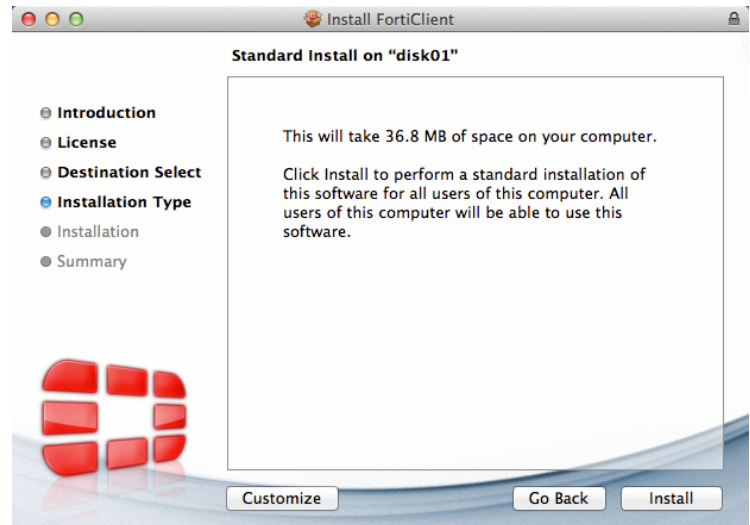
Select “Continue”
to agree to the License Agreement.





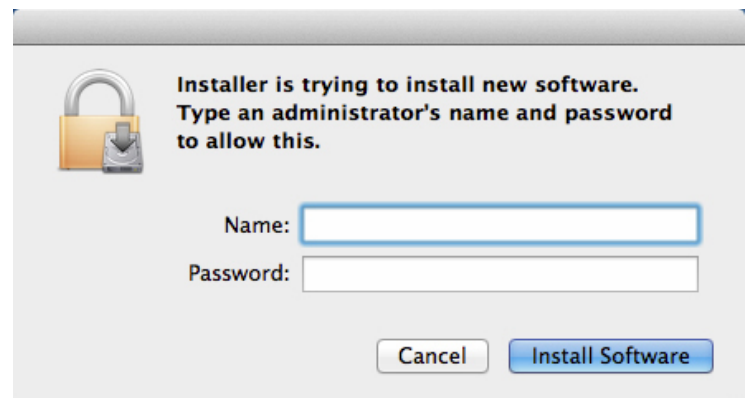
STEP 6

Select "Install" to begin.



STEP 7

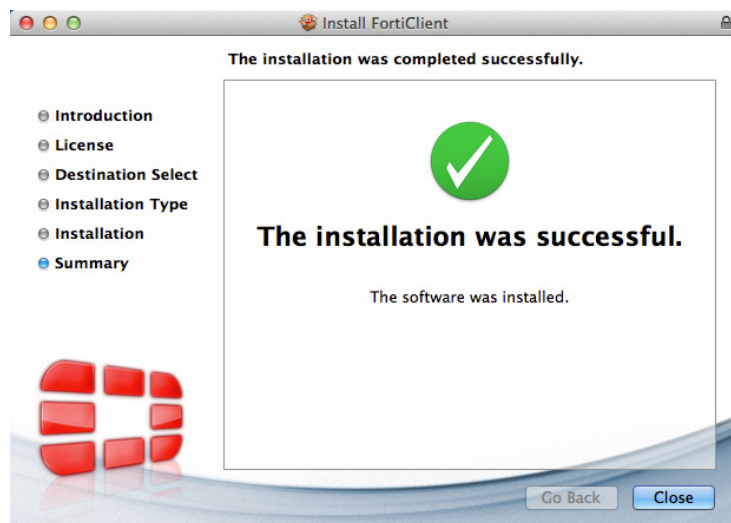
Enter an administrator username and password.





STEP 8

Select “Close” to complete the installation.



STEP 9

Once the forticlient software is installed you will have a forticlient Icon to the right of your menu bar.



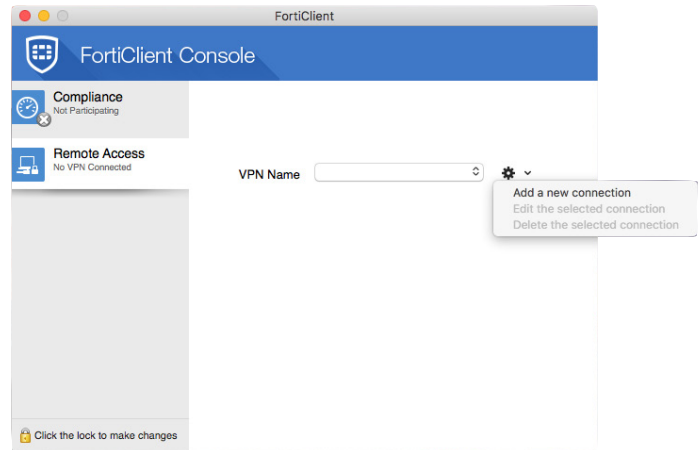
Select the forticlient icon and choose Open Forticlient console.





STEP 10

Select and add a new VPN connection.



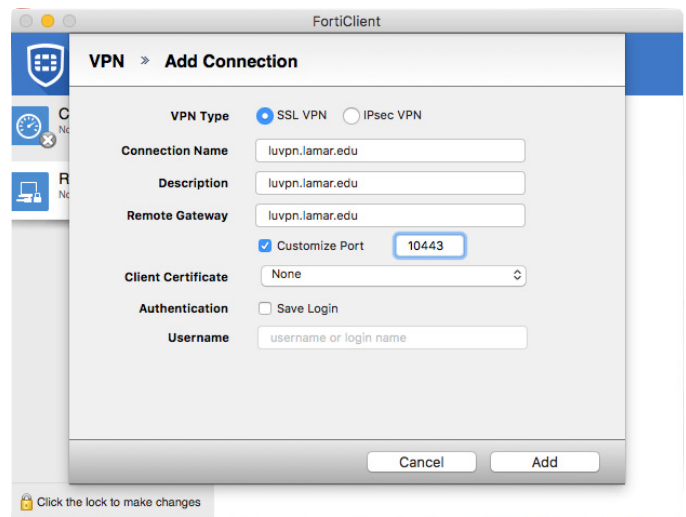
STEP 11

Enter the following information in the fields for an SSL-VPN connection.

The save Login checkbox is optional, you can put your LEA username in the “Username” text field to save your username.

Connection Name	luvpn.lamar.edu
Description	luvpn.lamar.edu
Remote Gateway	luvpn.lamar.edu
Customize port	10443

After you complete the fields indicated click “Add”.





LEA 2-Step

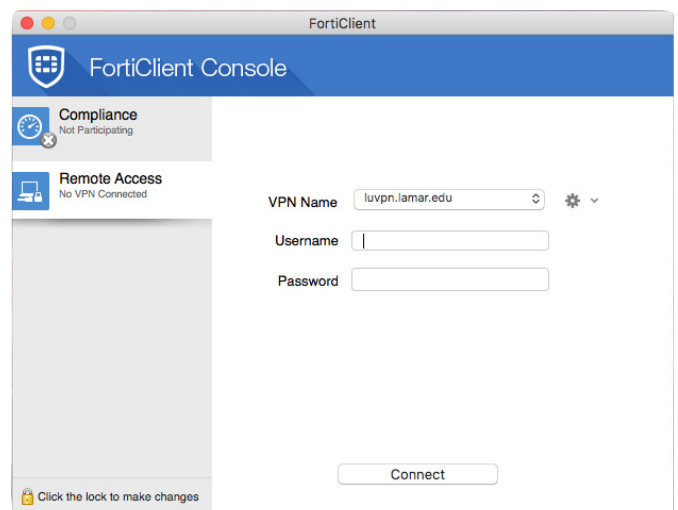


STEP 12

Verify that “luvpn.lamar.edu” is selected in the “VPN Name” field.

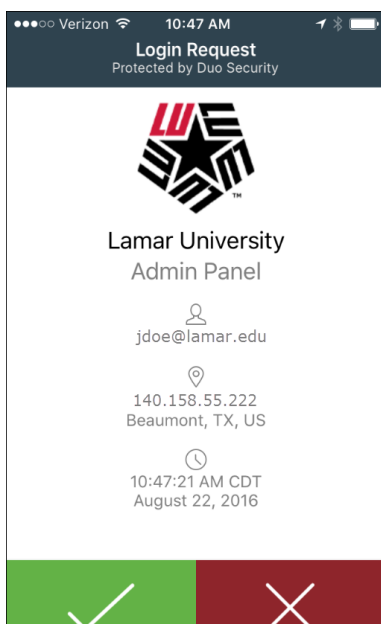
Enter your LEA username into the username field.
(Do not add @bmt or any other suffixes or prefixes)

Enter your LEA password into the password field.



STEP 13

For LU faculty and staff when prompted on the Duo mobile app click approve.



STEP 14

You are now connected to the Lamar University VPN

