INFORMATION TECHNOLOGY
LAMAR UNIVERSITY
Security Operations Center

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.

LEA 2-STEP WILL BE REQUIRED FOR REMOTE ACCESS
FOR FACULTY AND STAFF AFTER AUGUST 22, 2017.

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 IOS device.

Requirements:
1) Working internet connection.
2) CentOS or Ubuntu current stable release
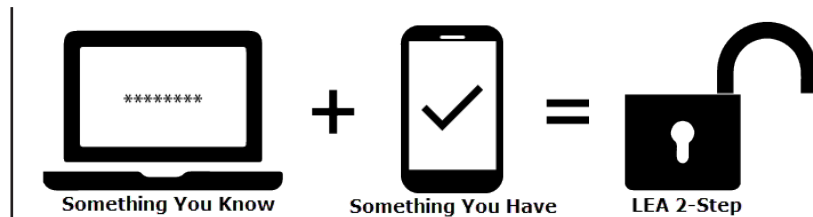
On campus: VPN client is not required.
Off campus: Must be connected over a working internet connection.

STEP 1

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

Something You Know + Something You Have = 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.

STEP 3

Navigate to the directory of the downloaded file and extract the compressed files into a directory with the
following command.
tar -zxvf forticlientsslvpn_linux_X.X.XXX.tar.gz

STEP 4

Once the file is extracted navigate to the newly extracted directory
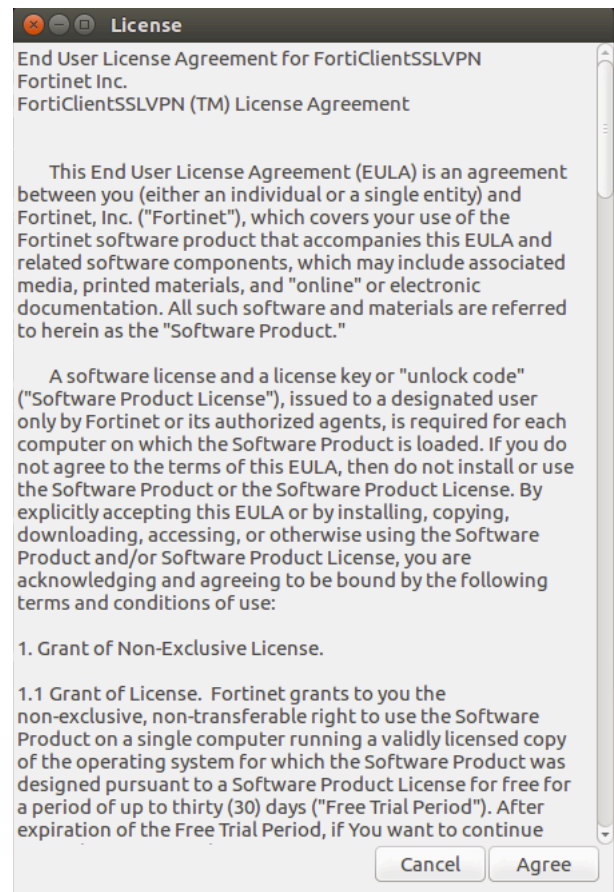cd forticlientsslvpn/

STEP 5

The first time you run the application you will need to perform with sudo. Please launch the following
command with an account that has sudo access.
sudo ./fortisslvpn.sh

STEP 4

When the application is launched for the first time please read and scroll down to the end of the license agreement and select "Agree".
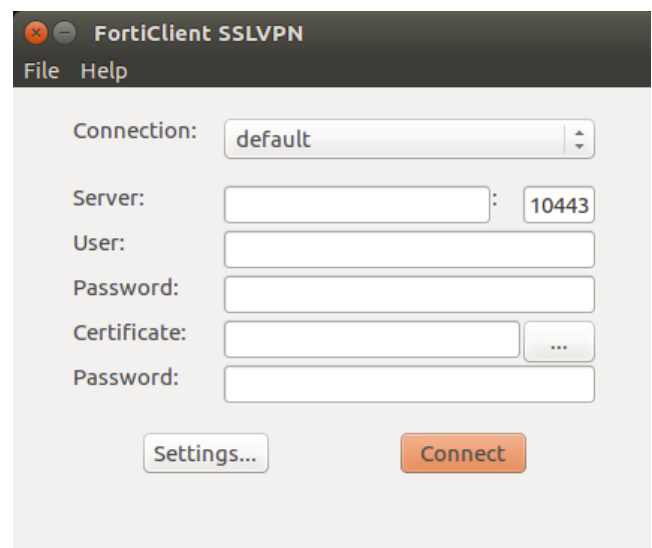
License

End User License Agreement for FortiClientSSLVPN
Fortinet Inc.
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Cancel   Agree

STEP 5

Fill in the corresponding fields with the following values. Once the values are input select "Connect".

Server	luvpn.lamar.edu
Port (next field)	10443
User	LEA username
Password	LEA password
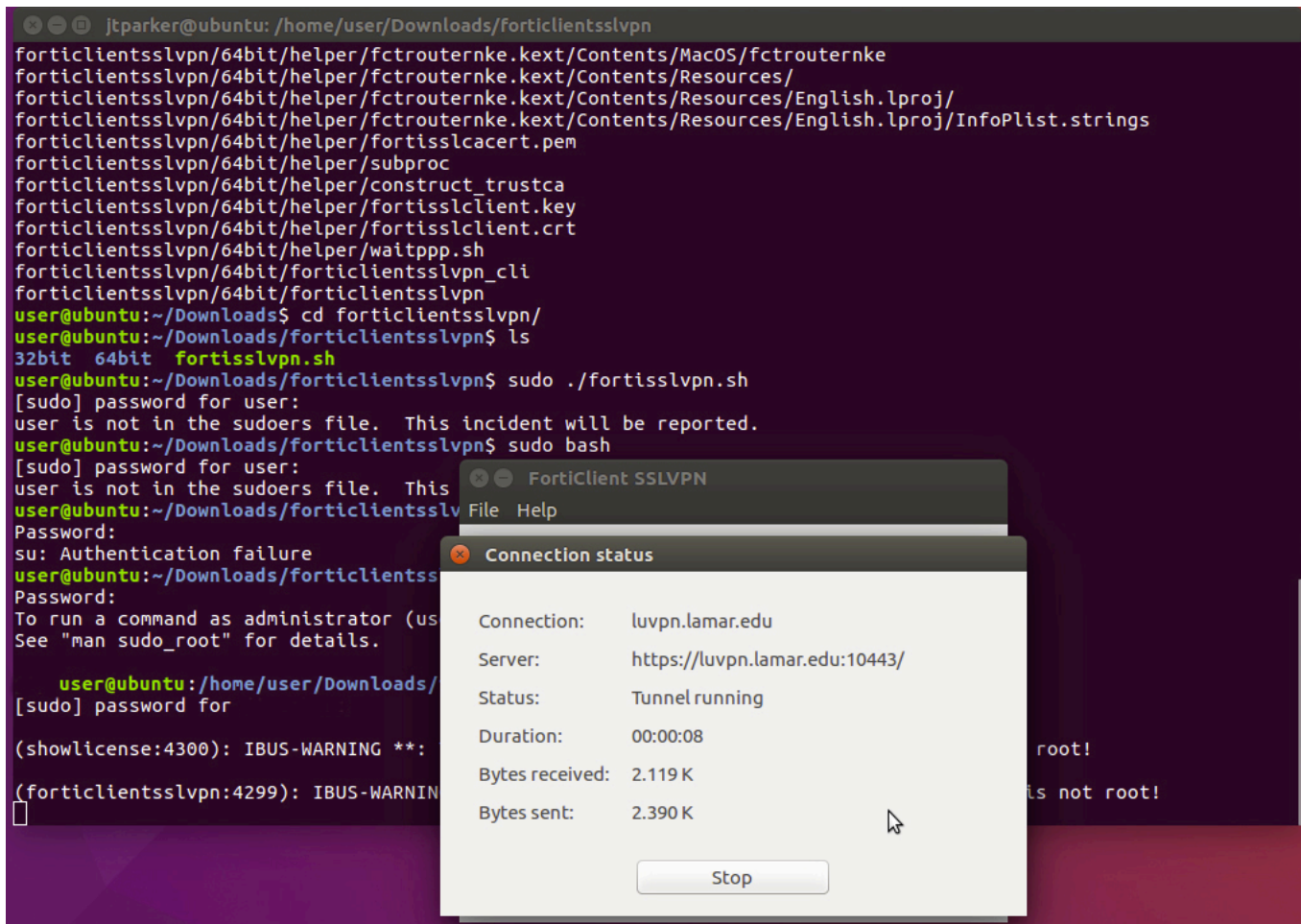
The last two fields "Certificate" and "Password" can be left blank

FortiClient SSLVPN

File Help

Connection: default

Server: : 10443

User:

Password:

Certificate: ...

Password:

Settings...   Connect

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STEP 6

The following dialog box should be displayed once you are connected. Please leave the terminal window and other dialog boxes open until you are ready to disconnect.