INFORMATION TECHNOLOGY
LAMAR UNIVERSITY
Security Operations Center

IOS 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 IOS 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) IOS 9.0 or higher.

On campus: VPN client is not required.
Off campus: Must be connected over a working internet connection.

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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

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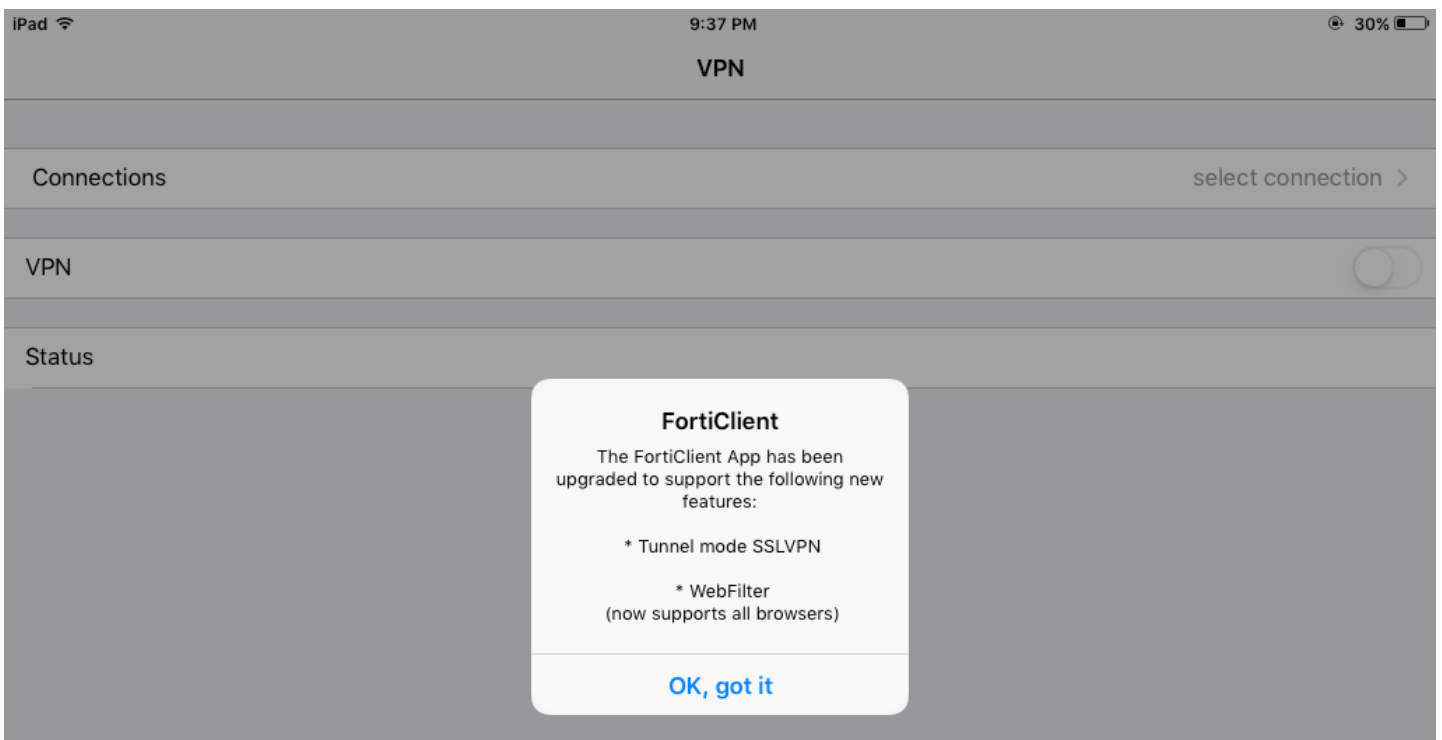
Lamar University Faculty and Staff will be using LEA 2-Step for access to VPN. Your LEA account will need to be registered in addition to enrolling a device that you have. Instructions and information can be found at http://www.lamar.edu/lea2step.
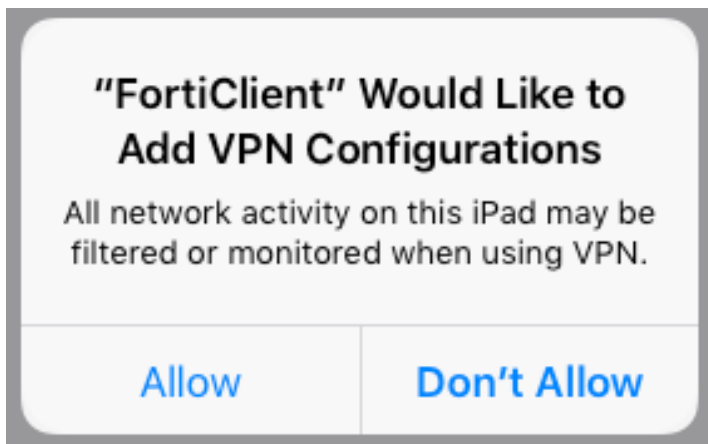
STEP 2

Download and install the Forticlient App from the Apple App Store

STEP 3

Launch the Forticlient IOS app. You will be prompted with the following message. Please click "OK, got it".

iPad 🛜   9:37 PM   🔵 30% 🔋

VPN

Connections   select connection >

VPN   ⚪

Status

FortiClient

The FortiClient App has been upgraded to support the following new features:

* Tunnel mode SSLVPN

* WebFilter
(now supports all browsers)

OK, got it

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STEP 4

IOS will now prompt you to "Allow" Forticlient to add VPN connections. Click "Allow"

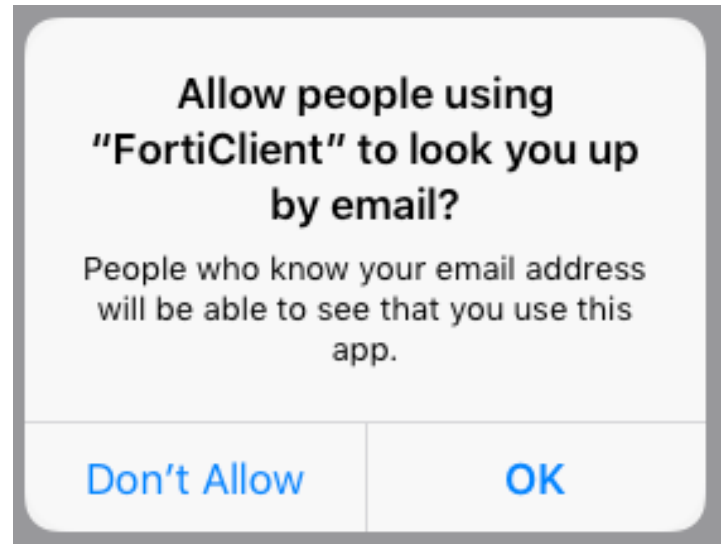## STEP 5

IOS will now prompt you with your IOS pin/passcode to allow the installation to continue

STEP 6

Please select "Don't Allow"

Allow people using "FortiClient" to look you up by email?

People who know your email address will be able to see that you use this app.

Don't Allow   OK

STEP 7

Please click "select connection" in the row labeled "Connections".

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VPN

Connections   select connection >

VPN

Status   Disconnected

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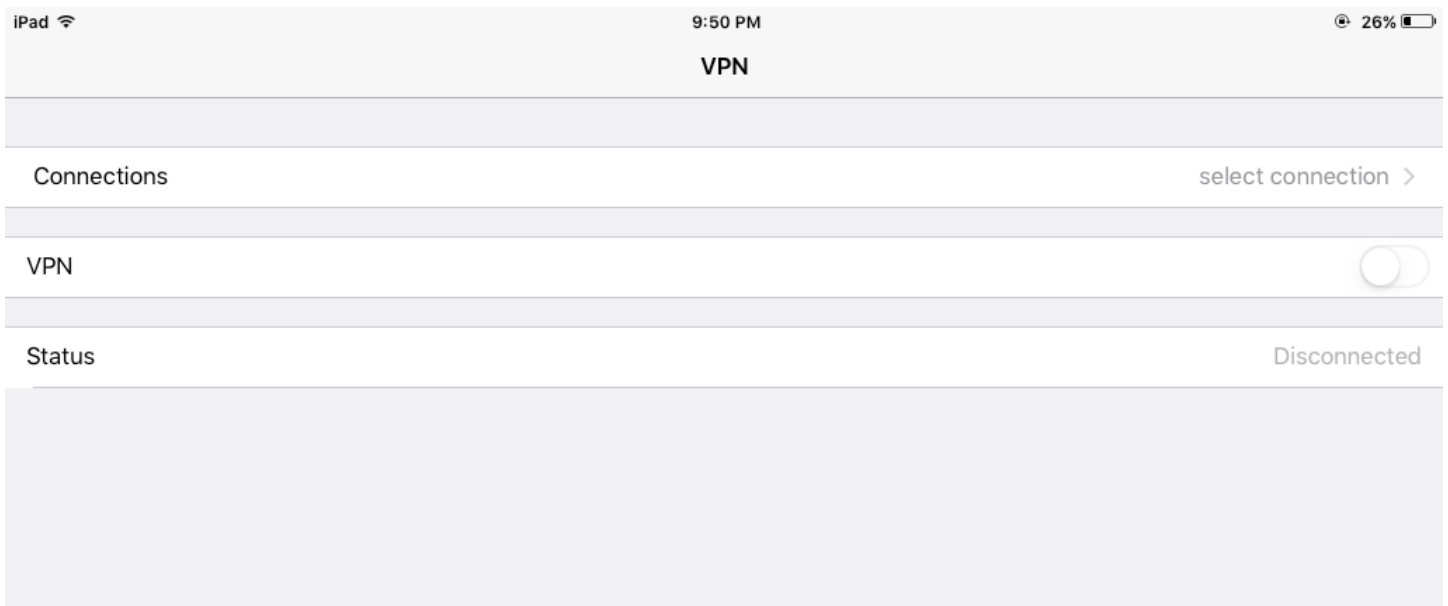
STEP 8

Now click on the "Add Configuration" to add a LU VPN connection.

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‹ VPN	**VPN**	Done

➕ Add Configuration...

USER VPN GATEWAY

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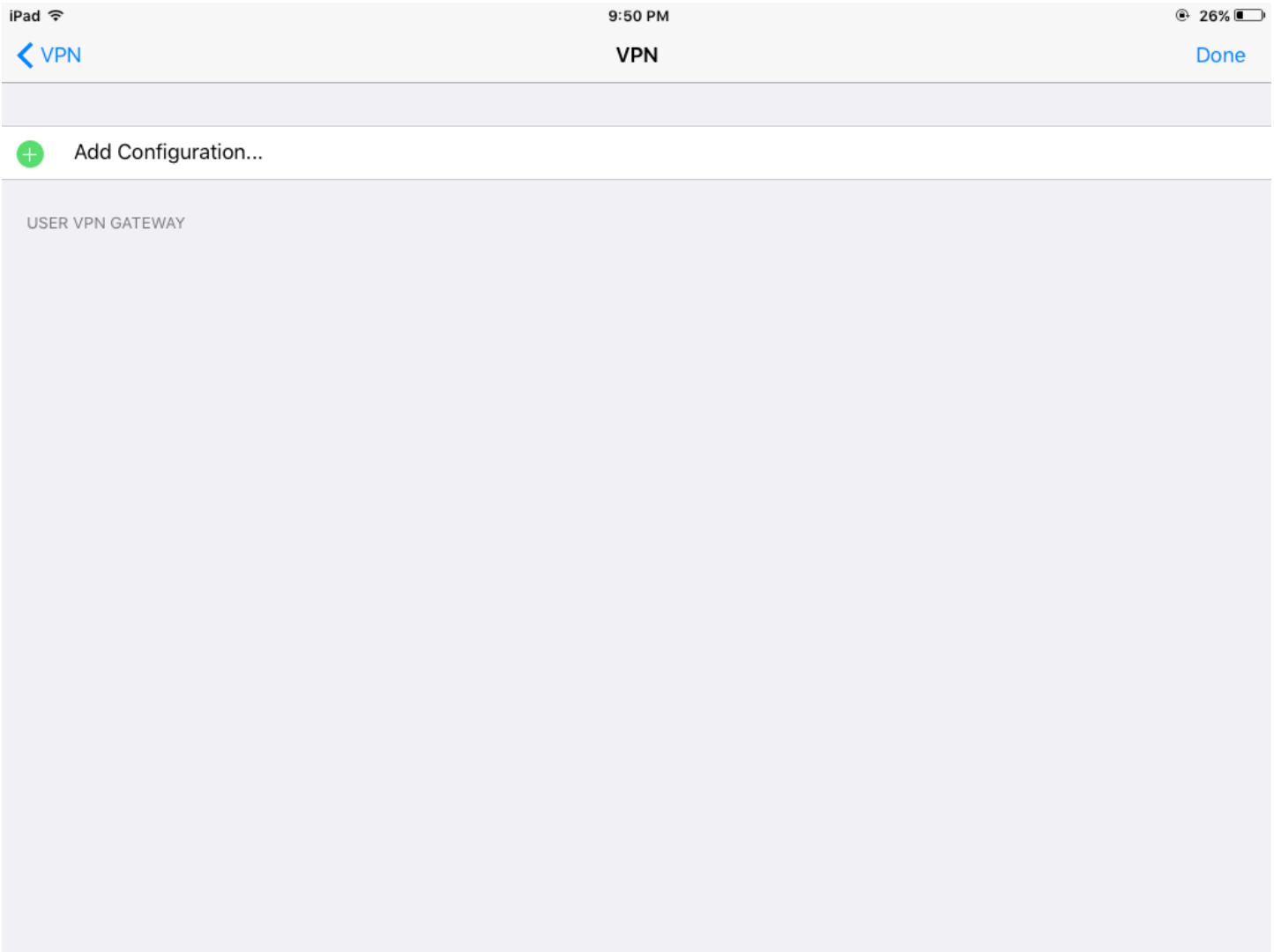
STEP 9

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

Name	luvpn.lamar.edu
Host	luvpn.lamar.edu
Port	10443
User	LEA username
Password	LEA password

iPad	9:51 PM	26%
❮ VPN	**Add/Edit VPN**	Done

Name	luvpn.lamar.edu
Host	luvpn.lamar.edu
Port	10443
User	LEAusername
Password	••••••••

SERVER CERTIFICATE

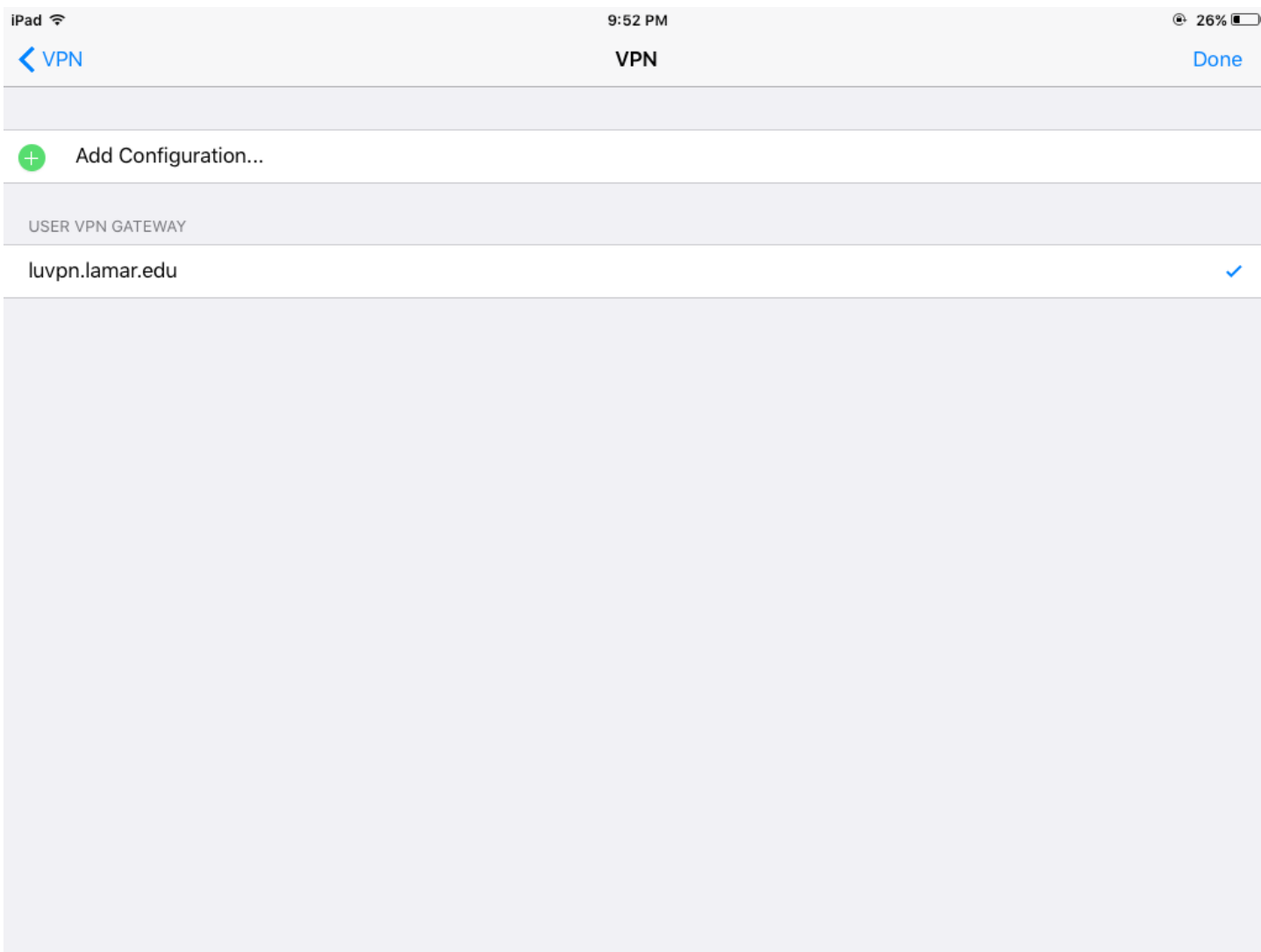Hide invalid certificate warning

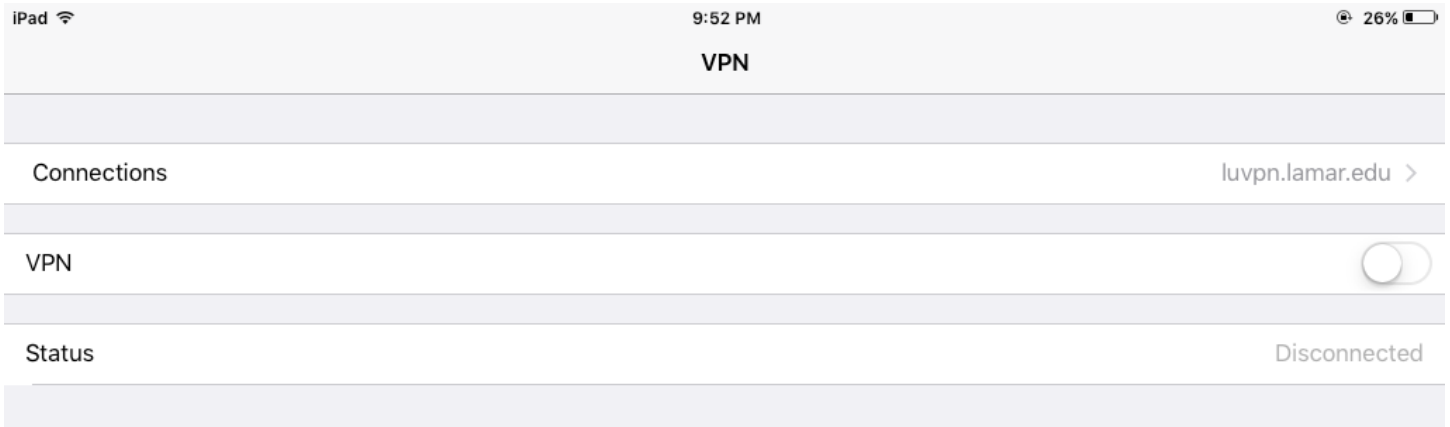CLIENT CERTIFICATE

Use Certificate

STEP 10

After you have setup the connection you will be returned back to the configuration page. You will see the connection you just created listed under "User VPN Gateway". You can select "Done".

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‹ VPN	**VPN**	Done

➕ Add Configuration...

USER VPN GATEWAY

luvpn.lamar.edu ✓

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STEP 11

After completing the VPN configurations, slide the selection on the row labeled "VPN"

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	VPN	

Connections	luvpn.lamar.edu ›

VPN	⚪

Status	Disconnected

LEA 2-Step

Something You Know + Something You Have = LEA 2-Step

STEP 12

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

●●●○○ Verizon 🔋 10:47 AM

Login Request
Protected by Duo Security

Lamar University
Admin Panel

jdoe@lamar.edu

140.158.55.222
Beaumont, TX, US

10:47:21 AM CDT
August 22, 2016

✓ **Approve**   ✗ **Deny**
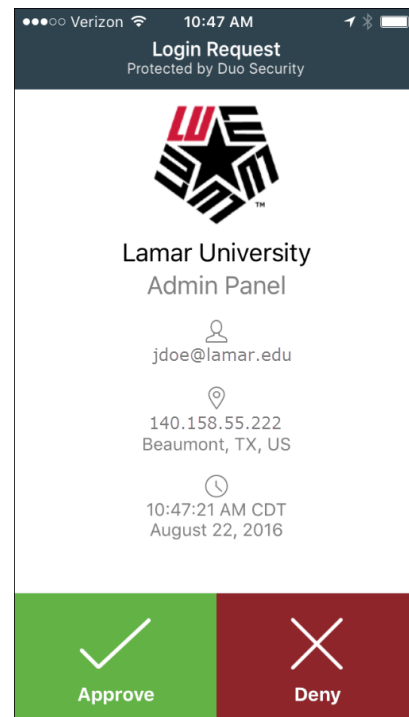
STEP 13

You are now connected to LUVPN.

iPad 🛜 VPN	9:53 PM	📷 26% 🔋
	VPN	

Connections	luvpn.lamar.edu >

VPN	🟢

Status	Connected
IP	140.158.71.200
Duration	00:00:01
Sent	5007
Received	4013

VPN   Settings   About