

VMware SD-WAN Edge Activation with an iOS Device and an Ethernet Cable

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Overview

There are multiple ways to activate a VMware SD-WAN Edge. VMware recommends our customers to use the Zero Touch Provisioning push activation whenever possible. Alternatively, our customers also have the pull activation option, which can be done manually by using either the Edge's built-in Wi-Fi or an Ethernet LAN connection. For pull activation, an activation code is generated from VCO and sent through email. (Details can be found in the "Activate Edges" section of [VMware SD-WAN Administration Guide](#).)

This specific document applies to the pull activation method using an Ethernet cable and an iOS device. The example used in this document is an Edge 540 and an iPhone 12 Pro Max. The procedure can be easily adapted for use with other Edge and iPhone/iPad models.

This document provides step-by-step instructions and is intended for anyone activating an Edge for the first time.

Components

- iPhone/iPad (this example uses an iPhone 12 Pro Max) with email access
- Ethernet adapter suitable for the phone or tablet (a Lightning-to-Ethernet connector in this example)
- Edge configuration completed on the SD-WAN VCO

Send an Activation Email from the VCO

After the Edge configuration is complete, navigate to Configure, Edges, Edge Overview tab, then "Send Activation Email (blue button in the lower right of the figure below).

The screenshot shows the VMware SD-WAN VCO interface. At the top, a yellow banner states: "This Edge has been provisioned with activation key K979-QR34-CFQD-JV6V". Below this, the main content area is titled "Edges - VCE iOS Ethernet (Pending)" and includes a "Save Changes" button. The interface is divided into several sections:

- Navigation Menu (Left):** Monitor, Configure (Edges, Profiles, Object Groups, Segments, Overlay Flow Control, Network Services, Alerts & Notifications), Test & Troubleshoot, Administration.
- Edge Overview Tab:** Includes tabs for Device, Business Policy, and Firewall.
- Properties Section:**
 - Name: VCE iOS Ethernet
 - Description: (Empty text box)
 - Custom Info: (Empty text box)
 - Enable Alerts:
 - Authentication Mode: Certificate Acquire
 - License: PREMIUM | 100 Mbps | North America, Europe Middle East
 - Analytics: None
- Status and Activation Information (Right):**
 - Status: Pending
 - Serial Number: VC0540005676
 - Activation Key: K979-QR34-CFQD-JV6V (expires in a month)
- Action:** A blue button labeled "Send Activation Email" is located at the bottom right of the activation information section.

At the bottom of the Properties section, it notes: "Unlimited analytics licences available."

Enter the email address for the person who will be activating the Edge in the pop-up that appears, then choose the “send” button:

Send Activation Email

Edge: VCE iOS Ethernet

Recipients: Site Contact

* From: no-reply@velocloud.net

* To:

CC:

* Subject: Edge Activation

* Message Body

Hi,

To activate your Edge, please follow these steps:

1. Connect your device to power and any Internet cables or USB modems.
2. Find and connect to the Wi-Fi network that looks like "velocloud-" followed by 3 more letters/numbers (e.g. "velocloud-01c"), and use "vcsecret" as the password. If your device does not have Wi-Fi, connect to it using an Ethernet cable.
3. Click the following link to activate your edge

http://192.168.2.1/?activation_key=K979-QR34-CFQD-JV6V&custom_vco=vco134-usvi1.velocloud.net

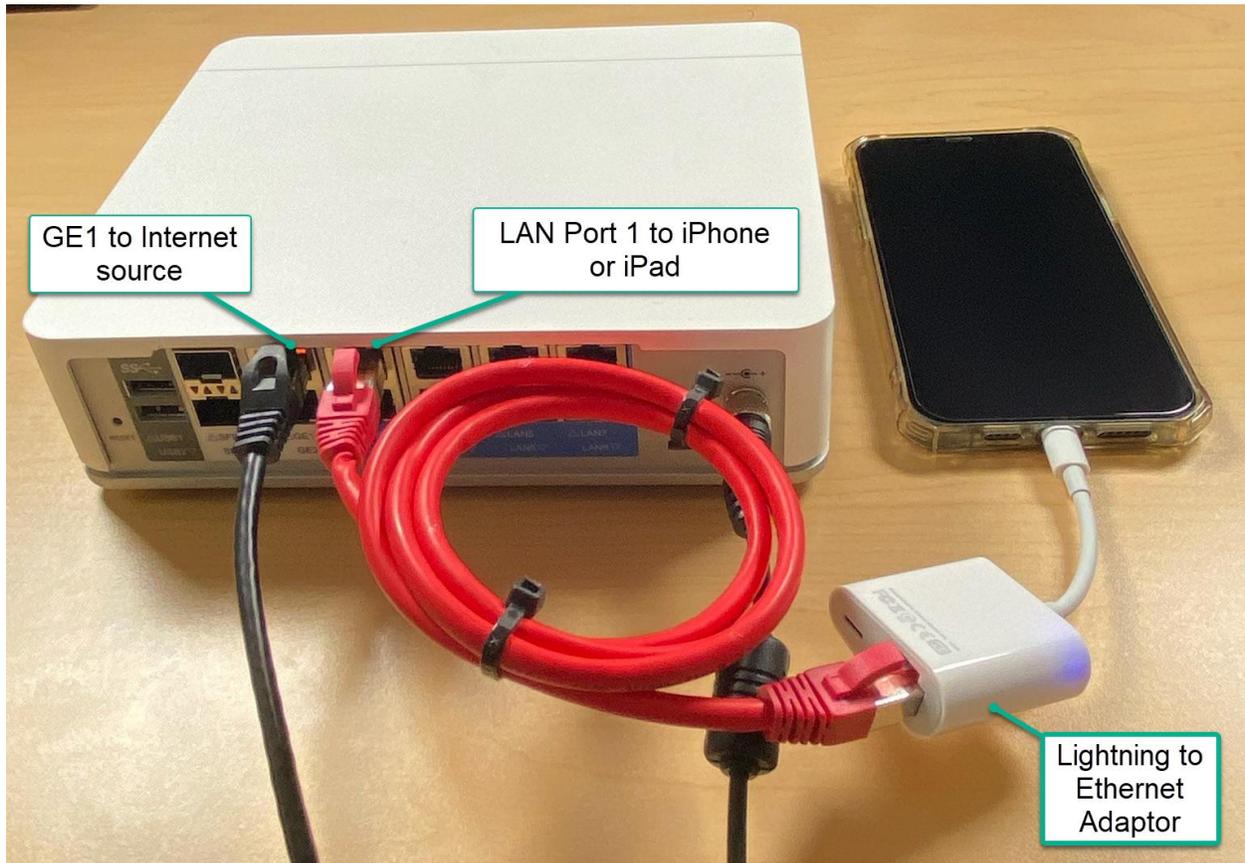
If you experience any difficulty, please contact your IT admin.

Send Close

Attach Cables to the Edge for Internet and Phone

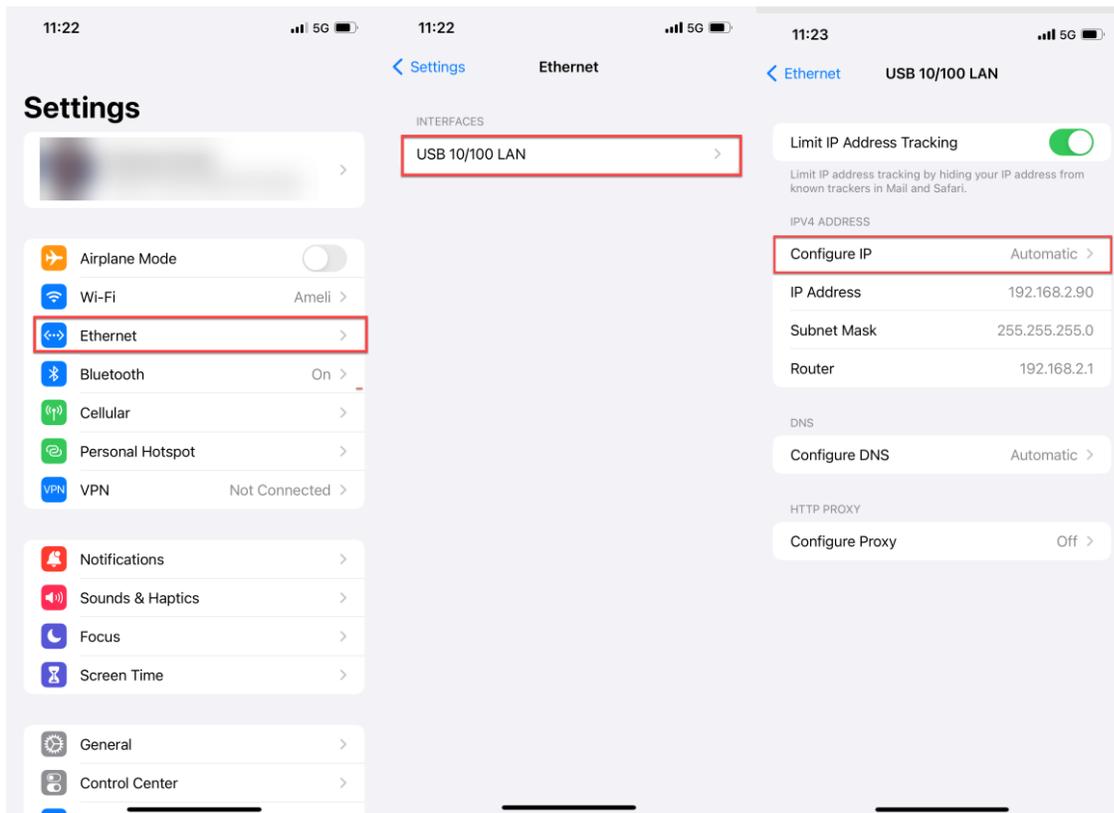
- 1) Power up the Edge.
- 2) Connect the Edge to an available Internet connection using an Ethernet cable. In this example, we use the GE1 port on the 540. Please check documentation for the model that you are installing to determine the correct port since this may vary by model. Documentation for each device is available via [Edge Activation Guides](#)
- 3) Connect an Ethernet adapter to your phone and connect the Edge’s LAN port to the Ethernet Adapter. In this example, we connect to the LAN1 port on Edge 540. Please check documentation for the model that you are installing to determine the correct port since this may vary by model. Documentation for each device is available via [Edge Activation Guides](#)

Note: The Edge is configured by default to acquire a DHCP IP address from the ISP on the WAN (uplink). The Edge will also assign a DHCP address to the phone connected to the LAN port. When the WAN connection is fully operational, the cloud LED on the front of the Edge would be solid green.



iOS Setup

On your iOS device, ensure the settings are the same as the screenshot below:



Connect and Activate

Open the activation email from your phone and click on the activation link at the bottom to activate your Edge:

