VPN Tutorial

It is possible to control software in live with Wi-Light 2 using a VPN.

The software is playing on a computer in live mode with smatphone server enable and Wi-Light 2 trig scenes through the VPN.

We perform our tests with Zerotier VPN : https://www.zerotier.com/

Getting Started with ZeroTier

Source :
https://zerotier.atlassian.net/wiki/spaces/SD/pages/8454145/Getting+Started+with+ZeroTier

**Getting Started**

There are a few things we need to do first:

1. Download and install ZeroTier for your OS from https://www.zerotier.com/download.shtml.
2. Head over to https://my.zerotier.com and create an account in our network management portal.
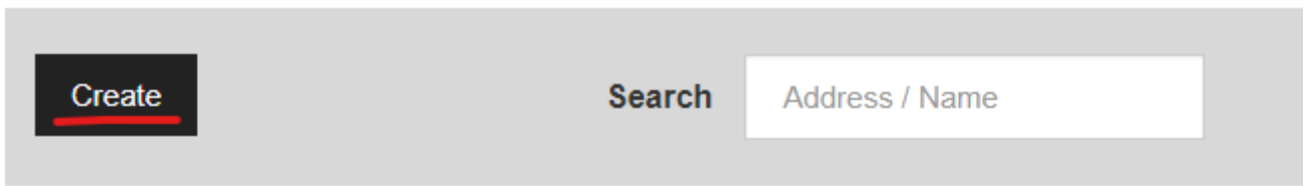
Creating your first network

Now that you have the client installed, and your account created, it's time to create your first network. Things you'll need:

1. Your account on https://my.zerotier.com
2. Two or more computers to join to a network.
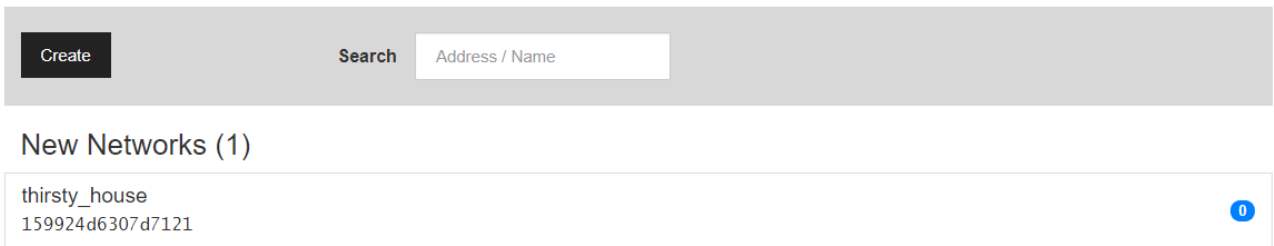
On https://my.zerotier.com, click the "Networks" buttton on the top of the screen:
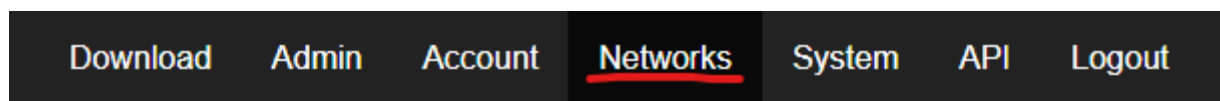
Then click the "Create" button"

This will create a new private ZeroTier network and it will show up on the page like so:

The 16-digit hexadecimal code is your Network ID. In this example, it's 159924d6307d7121.
Your actual network ID will be different. This network ID is what you'll use to join your devices
to the network from the ZeroTier Client. See Join a Network for instructions on using the
ZeroTier Client to join the network.

Once your machines are joined, click on the network you just created in your web
browser. This will take you to the network configuration page. There are a lot of settings on
this page, but at this point you don't need to worry about most of them. All we're concerned
with right now is authorizing the computers you're adding to the network.   Scroll down the
page to the Members section. The 2 devices you've tried to join to the network will be listed
there:

Click the check boxes under the Auth? column, and they will be authorized to join the
network. Once authorized, they'll be able to communicate with each other on the IP
addresses listed in the Managed IPs column.

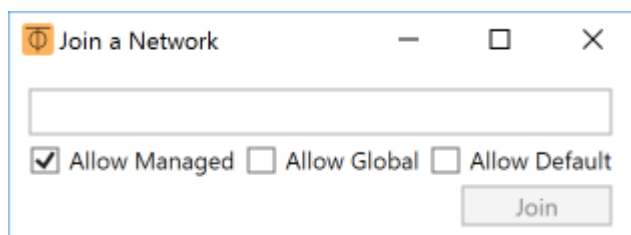That's all there is to it to get started.

Join a Network

MacOS and Windows

On macOS, find the ZeroTier app in your menu bar. Launch the ZeroTier One app bundle if it's not already running. Click the Φ icon on your menu bar and select Join Network.
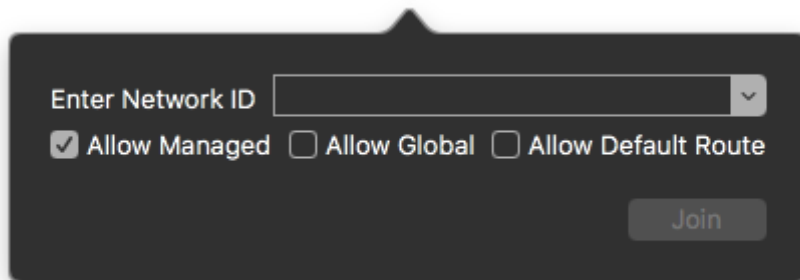
On Windows, the ZeroTier one UI app lives in the system tray. Right click on the ZeroTier icon and select Join Network.


Additionally, with the macOS and Windows user interfaces, you can easily re-join networks that you've previously left.

1. Opening the main menu shows all networks you've connected to. If the network does not have a checkmark next to it, it's disconnected. Simply click the network you wish to join.
2. Click the Network Details… item in the app menu. This will bring up details of all networks known to the client. Check the Connected checkbox of the disconnected network you wish to join.

Smartphone

On Smartphone, click to Add network in the app

Check to enable VPN
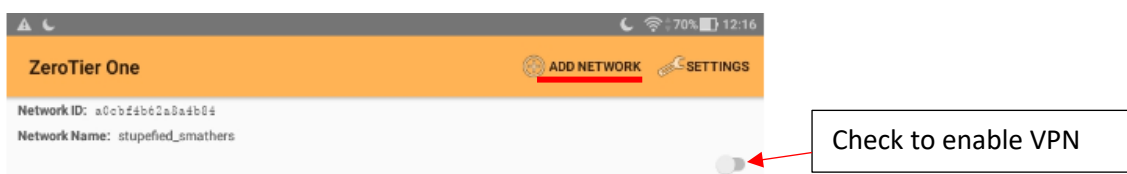
Use Wi-Light to control software

Once the VPN configuration is done (computer and smartphone installed and linked to the VPN), you have to start the Software and enable Smartphone serveur :

1. Go into software options and select the network tab
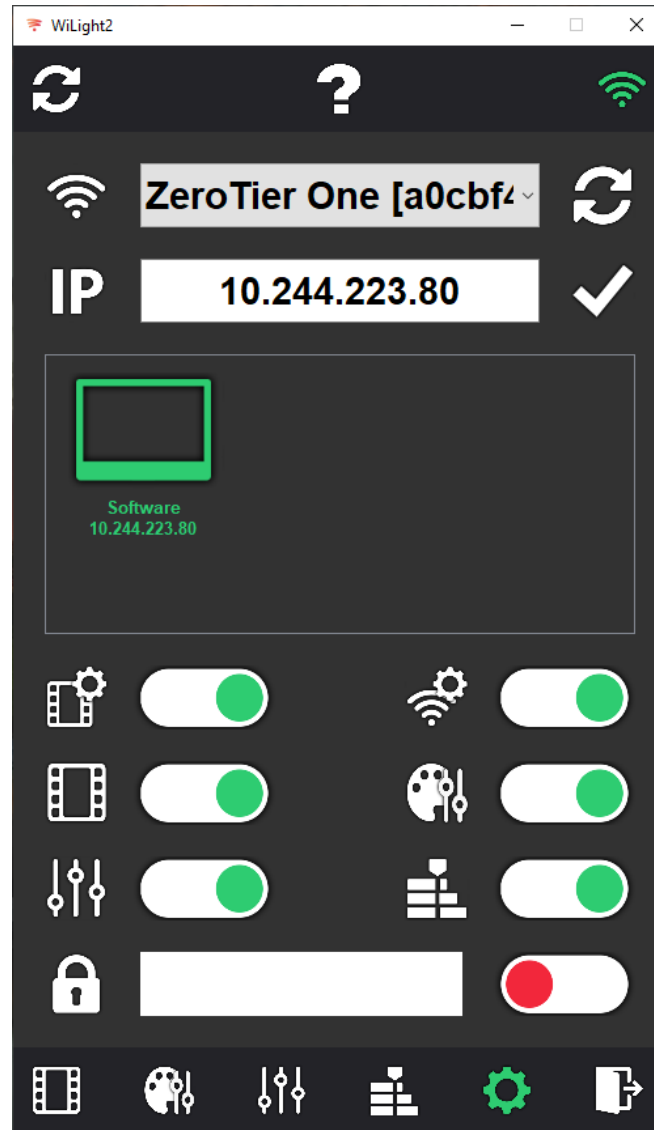2. Select the Network interface "ZeroTier One xxxxxx"
3. Start Smartphone server

In Wi-Light 2

1. Go to options menu
2. Select the zero tier network ("tun0: ip address" on Android)
3. Enter the computer IP in IP field to find it
4. Now scenes are displayed and ready to play

You can find computer address on your network management: