**Communications Network
Research Institute**

User guide

Vopticonnect website

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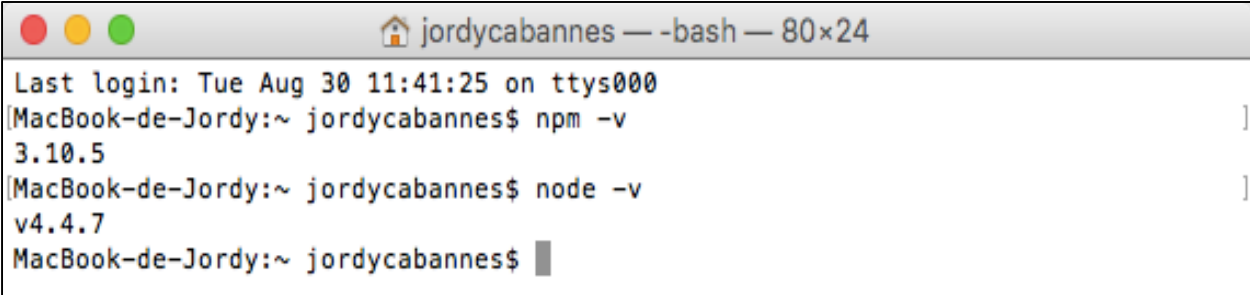
I Requirements

1- You need to install node.js and npm. You can download them on
   https://nodejs.org/en/
2- When you have installed node.js and npm, to check that they are well installed, open
   a terminal and input

```
$ npm -v
```

and

```
$ node -v
```
   .

   You should have something like that

```
● ● ●                    🏠 jordycabannes — -bash — 80×24
Last login: Tue Aug 30 11:41:25 on ttys000
[MacBook-de-Jordy:~ jordycabannes$ npm -v                                  ]
3.10.5
[MacBook-de-Jordy:~ jordycabannes$ node -v                                 ]
v4.4.7
MacBook-de-Jordy:~ jordycabannes$ ▊
```

II Installation

1- Download the directory Vopticonnect website from
   https://github.com/JordyCabannes/Vopticonnect_website
2- Unzip the file downloaded

3- In a terminal, write ifconfig

```
$ ifconfig
```

and copy your IP address

```
MacBook-de-Jordy:Documents jordycabannes$ ifconfig
[lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> mtu 16384
        options=3<RXCSUM,TXCSUM>
        inet6 ::1 prefixlen 128
        inet 127.0.0.1 netmask 0xff000000
        inet6 fe80::1%lo0 prefixlen 64 scopeid 0x1
        nd6 options=1<PERFORMNUD>
gif0: flags=8010<POINTOPOINT,MULTICAST> mtu 1280
stf0: flags=0<> mtu 1280
en0: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
        options=27<RXCSUM,TXCSUM,VLAN_MTU,TSO4>
        ether d4:9a:20:f8:94:ac
        nd6 options=1<PERFORMNUD>
        media: autoselect
        status: inactive
en1: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
        ether 34:15:9e:95:84:d8
        inet6 fe80::3615:9eff:fe95:84d8%en1 prefixlen 64 scopeid 0x5
        inet 192            netmask 0xffffff00 broadcast 192.168.0.255
        nd6 options=1<PERFORMNUD>
        media: autoselect
        status: active
p2p0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> mtu 2304
        ether 06:15:9e:95:84:d8
        media: autoselect
        status: inactive
MacBook-de-Jordy:Documents jordycabannes$ ▮
```

4- Open the file server.js of your project and give your IP address to the variable
   serverIP

```
1    // Muaz Khan       - www.MuazKhan.com
2    // MIT License     - www.WebRTC-Experiment.com/licence
3    // Documentation   - github.com/muaz-khan/RTCMultiConnection
4
5    var serverIP = "192.1        ";
6    var serverPORT = 443;
7
```

5- Afterwards, you can write these following command lines, you have to be in the unzip folder.

```
$ sudo npm install
$ sudo start
```

6- Open a browser (not Safari), and go to the URL "https://your_adress_ip".