Client Proxy 1

Quick installation guide

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Client Proxy Installation and redborder Live Registration

1.1. Requirements

redBorder client proxy is a software that has minimum requirements in order to function correctly.The minimum essential elements required for installation as well as those recommended for correct performance. They are shown in the following chart:

Installation requirements

Minimum requirements

- RAM 1GB
- Processor: 1 core
- HD 16GB

Recommended requirements

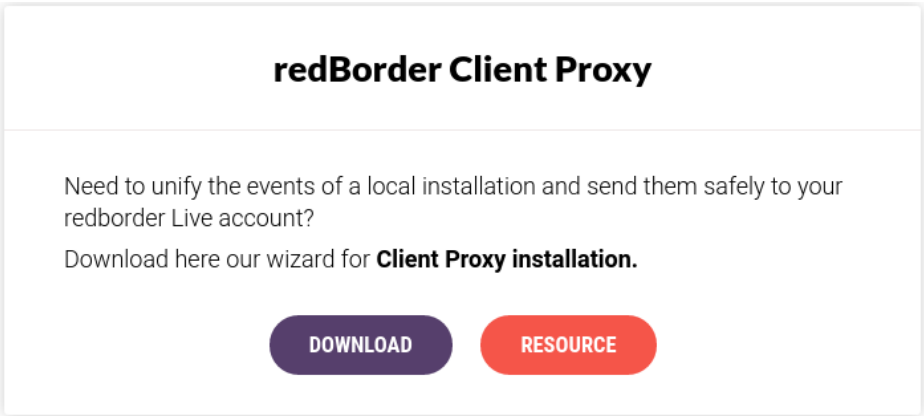
- RAM 2GB
- Processor: 2 cores
- HD 32GB

1.2. Downloading the ISO

In order to download the ISO image, we must be registered on the web. Once we are logged in to the redborder web, we must go to *Community -> Downloads* following this link *https://redborder.com/downloads/*

On this page we will find all of the redborder editions along with their corresponding specifications and characteristics.

To download the redborder client Proxy, click on DOWNLOAD in the redborder Client proxy section:



Downloading the ISO

1.3. Burning the ISO Image

The ISO image is prepared to perform the boot from a DVD reader, USB device or as an ISO file for a virtual machine. In order to burn the ISO image from a Linux system to a USB device, the following command needs to be used if the USB device is mapped in **/dev/sdd:**

```
[root@machine ~]# dd if=redBorder-3.1.68-2-x86_64-6.5-proxy.iso of=/dev/sdd bs=10M
```

1.4. Installing the ISO

Once we have booted the redborder ISO, we will see the installation menu. To perform the installation, select the option *Install Client Proxy:*

Installing the ISO

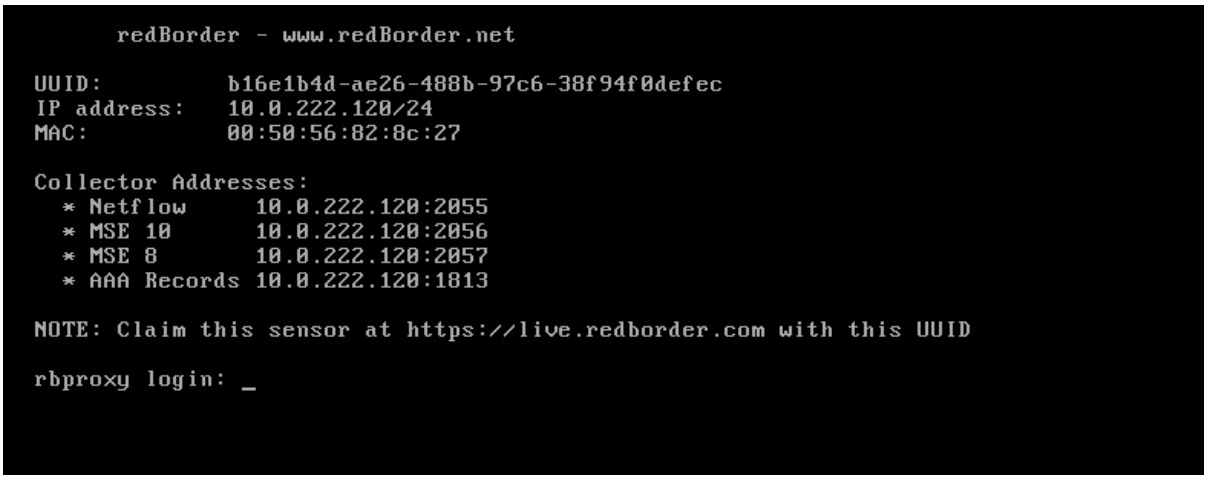
Once in the installation process, the user only needs to confirm the installation destination and root password. redborder is prepared for unattended installations and so **we should be especially careful with the time we have to respond to these three questions if we wish to modify the default options:**

Selecting the disk to install on

Once this page has been confirmed, the installation will carry out all of the necessary processes to prepare the system for configuration. By default, **the root password will be redborder.**

1.5. Basic Configuration

Upon completing the installation process, we can enter the system with the root user and password (redborder by default):



Login

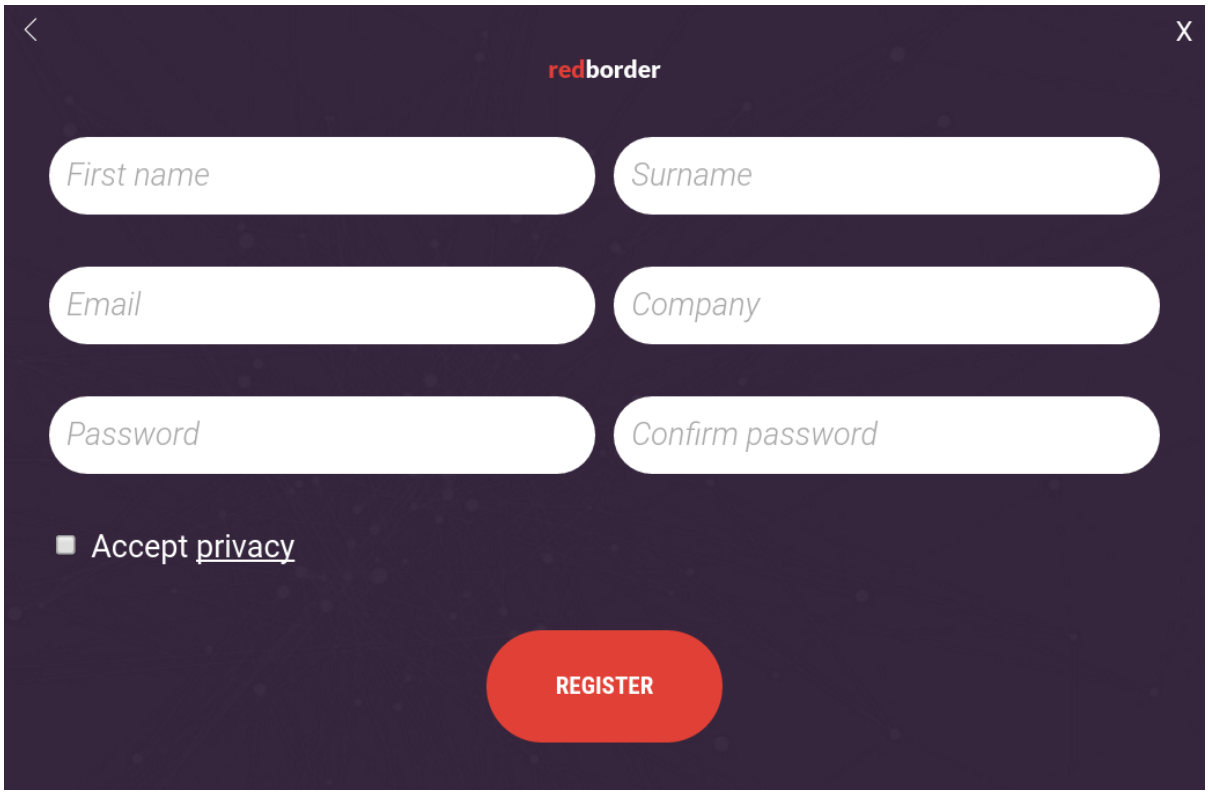
1.6. Registering the redborder client proxy in redborder Live

In order to register the sensor in redborder Live, we must have a redborder account.

In order to register in redborder Live, we must access: *https://www.redborder.com/*. Click on try redborder, in the upper right of the screen.

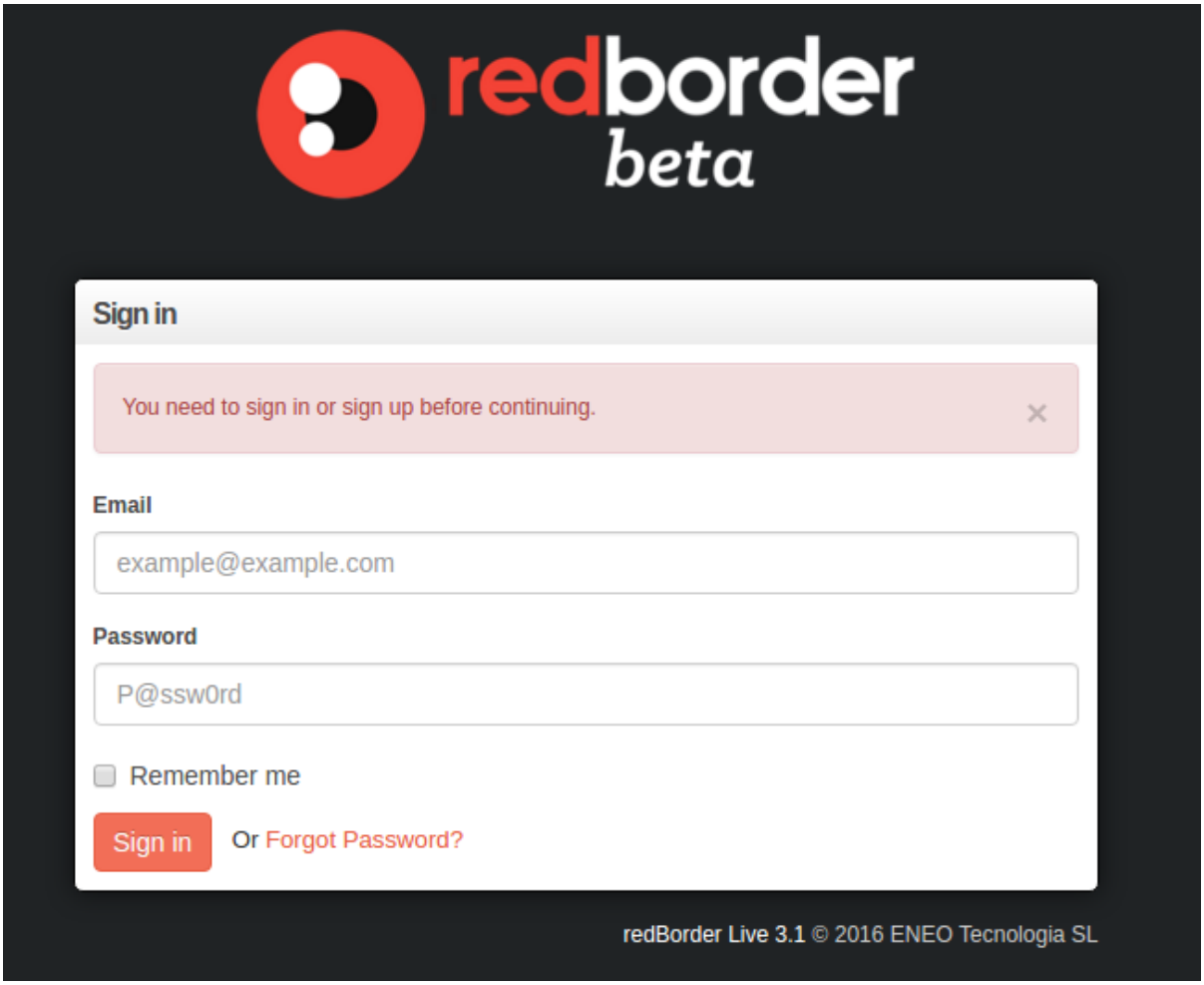
Try redborder

Fill out the form and click on *Register*. We will need to confirm the email in order to finish the process.



Register on the web

Now, we must go the redborder Live login page. The link for this page is: *https://live.redborder.com/*. We will log in with the same email address and password that we used in the registration.

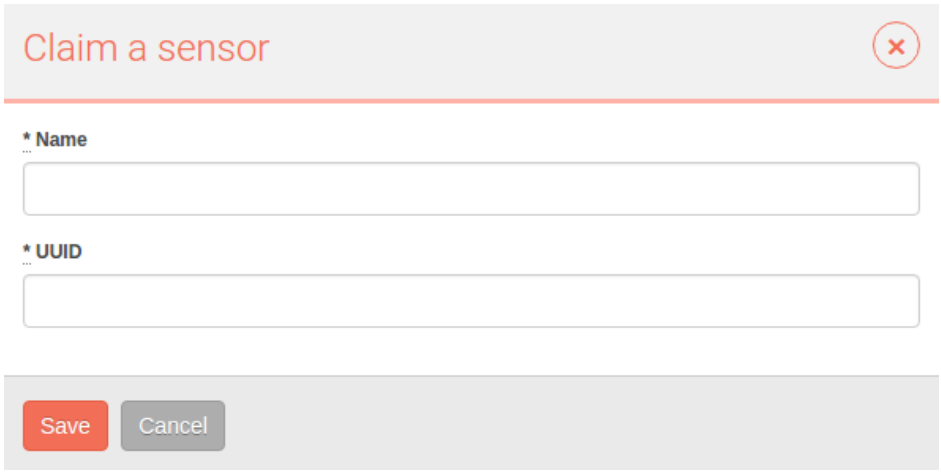


Log in in redborder Live

Go to Sensors and press **`+ Claim Sensor`**:

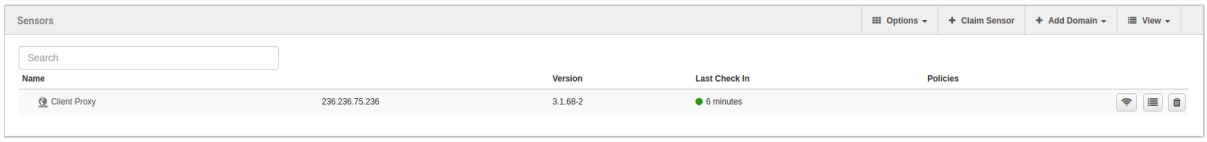
Claim sensor

A pop-up window will appear where we must enter a name for the sensor and paste the UUID that we copied before in the field below.



Enter the name and UUID of your sensor

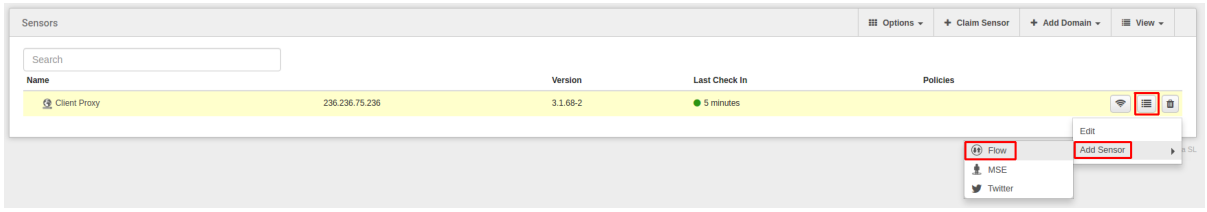
Click on **Save** and wait until the sensor is configured correctly. We can then verify that the sensor is working in redborder Live.



Sensor registered and claimed

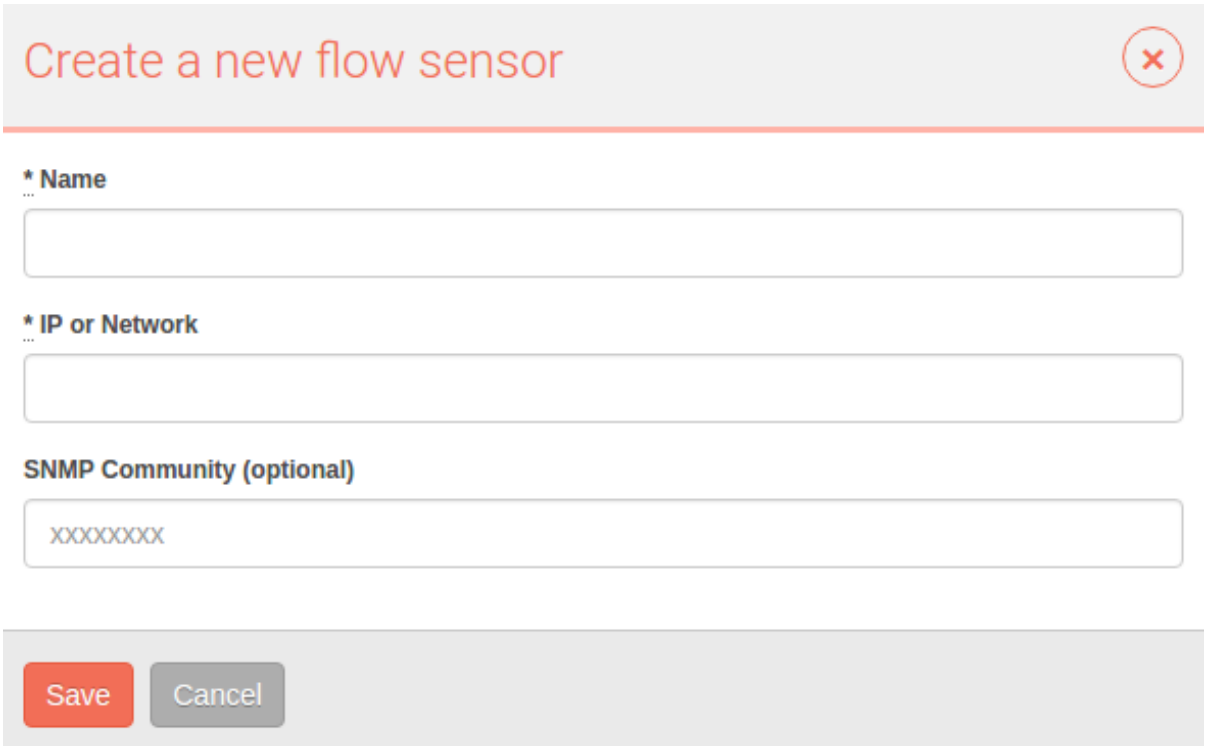
1.7. Add a Flow sensor

To add a flow sensor must click on the **`Edit button -> Add sensor -> Flow`**:



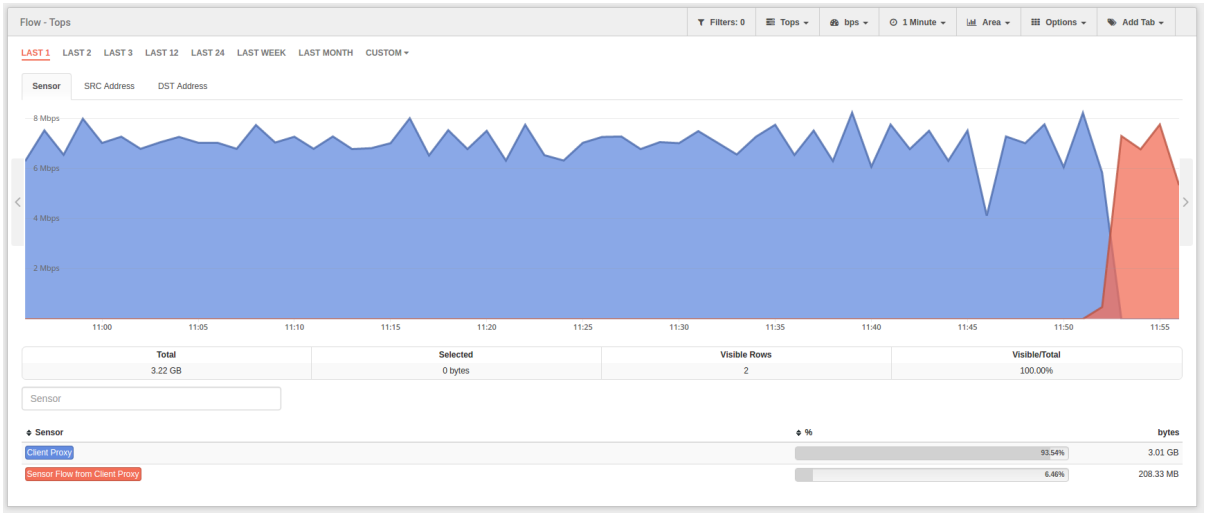
Adding a Flow sensor

A pop-up window then appears which asks us for a name and the IP address from which the flow of data is being received:



Create a new Flow sensor

By going to the upper FLOW tab, we can verify that the traffic that was initially receiving the Client Proxy is now classified as Sensor Flow. Once we have created the different flow sensors, the traffic can be viewed separately:



View Flow events

Appendix A. Revision History

Revision 0.1-1 August 2016 **Eneo Tecnología** *info@redborder.com*

IPS Quick Installation Guide for redborder Live