

# Venus

## Step 1: Update Git

1. Update local git repo to get the newest **Venus\_Release** folder (under **firmware** directory), which contains **VenusReleaseFiles** folder, **update\_Venus.py** and this document.

## Step 2: Create bucket and update config.py

1. Open [Installation\\_Data.xlsx](#) at **Venus** sheet and pick the installation needs to update and mark the installation in your color  
★ **Click the VRM link and check the installation status first, if it's abnormal, no need to update**
2. Go to [monitor](#) and click **Add new Installation** button

Installation Name\*  
Bachmann, Hütten/ZH | Schibli AG (2020-00087)

Region\*  
Zurich

Location\*  
Hütten

Country\*  
Switzerland

VpnIp\*  
10.2.0.227

VRM Link\*  
73926

Device Type  
Venus

Information

Submit Cancel

- Copy **Installation Name**, **VpnIp** and **VRM Link**(**only the number before /dashboard in the link as follows**) from the sheet to here. Fill out **Region**, **Location** and **Country** using Google Map. Choose **Venus** as **Device Type**. And then press **Submit**.
  - ★ Location<Region<Country
  - ★ <https://vrm.victronenergy.com/installation/182172/dashboard>
- Go to **Information** tab of the installation, and copy **S3 Bucket Name**, **S3 Write Key**, **S3 Write Secret Key** one by one to update **s3 configuration** in **config.py** under the directory of **Venus\_Release/VenusReleaseFiles/dbus-fzsonick-48tl**
  - ★ Please refresh the web page to get these information
  - ★ For the S3 bucket name, only need to change the installation id at the beginning.
  - ★ **Please make sure to copy the full key content.**
  - ★ **Please bear in mind that this step needs to be done for each installation!!!**

Installation Name: **Berger, Büsserach/SO/CH | KWenergy GmbH (2022-00130)**

Status: ●

Installation Name

Berger, Büsserach/SO/CH | KWenergy GmbH (2022-00130)

Region \*

Bern

Location \*

Port

Country \*

Switzerland

VPN IP

10.2.2.36

vrmLink

182172

Device Type

Cerbo

Information

S3 Bucket Name

14-c0436b6a-d276-4cd8-9c44-1eae86cf5d0e

S3 Write Key

EXOf64b919f494cb71894e6e806

S3 Write Secret Key

Vr6U2qtZVbZWU-knPxZPaNoMu2OkS6HI1WN7RKWNTJU

Apply changes

Delete Installation

```
14
15 #s3 configuration
16 S3BUCKET = "2-c0436b6a-d276-4cd8-9c44-1eae86cf5d0e"
17 S3KEY     = "EX05b2e35442791260eaaa7bdc8"
18 S3SECRET  = "XFF0VzenDiEQoLPmhK6ML9RfQfsAMhrAs25MfJxi-24"
19
```

### Step 3: All magic here

1. Navigate to **Venus\_Release** directory in any kind of terminal
2. Run the script with the command: **python3 update\_Venus.py <VPN\_IP>**
  - ★ Replace <VPN\_IP> with the actual VPN ip of the installation
  - ★ **If there is any mistake popping up during the process, simply comment previous procedures, and run the following part again.**

### Step 4: Check everything works well

1. Whether the battery is there on VRM
2. Whether the battery is there on monitor
3. **Mark the installation in correct color red (failure with comments) or green(success)**