

Badge Recovery

Here you can find details on how to recover your badge from various bad states

I cannot pull my name / I cannot pull the schedule

This is most likely because you no longer have the badge token in your `secrets.py` file.

Verify this by viewing `/Volumes/CIRCUITPY/secrets.py` file make sure it looks like the following

```
# Secrets!

## Wifi Network
WIFI_NETWORK = "os2024-badge"
WIFI_PASS    = "wifipassword"

## Updater
GH_TOKEN     = ""
GH_REPO      = "https://github.com/Cisco-Offensive-Summit/badge-2024"
GH_BRANCH    = "main"
GH_SRC_FOLDER= "src"

## Registration
HOST_ADDRESS = 'https://badger.becomingahacker.com/'
UNIQUE_ID    = 'your-unique-id'
```

Quick Links

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[Announcements](#)

[2024 Badge](#)

[Webex](#)

[Hardware Village](#)

[Help](#)

[Offensive Summit Main Site](#)

If you dont see the `UNIQUE_ID` line ping @phimckni or @samaclea in the badge webex space so we can send you a new one.

I am seeing strange IO errors / I cannot write to my badge anymore

Circuitpython has a nasty habit of corrupting its filesystem if you write to it too fast, or if it just plain feels like it.

First things first, make a backup of your `secrets.py` file.

```
cp /Volumes/CIRCUITPY/secrets.py $HOME/secrets.py.bak
```

Next you will need to connect to the badge's serial.

For windows you can follow the instructions here: [Advanced Serial Console on Windows](#)

For MAC and Linux you can do the following:

```
screen /dev/cu.usbmodem* 115200
```

Once you are in the serial console press Ctrl+C a few times, then enter the following commands

```
import storage
storage.erase_filesystem()
```

This will make the badge reset to its factory default. Once it has finished you can follow [the updating instructions here](#). **Dont forget to copy your `secrets.py.bak` file back to your badge after!**

Offensive Summit 2023 Badge Recovery

Here you can find the details to restore the badge to the original OS 2023 code (like it was when you got it at registration) using a (MacOS) terminal.

These instructions require UF2 ("USB Flashing Format") to be functional. If your badge does not show up as a CIRCUITPY drive in the device tree of the OS when plugged in then you must [follow the instructions to restore the UF2 bootloader](#) before proceeding with the insructions below.

1. Plug in the badge to the USB port.
2. Download the os-2023-restore.zip file containing the original 2023 Offensive Summit Magtag badge code:

```
wget https://badger.becomingahacker.com/static/os-2023-magtag.zip
```

3. Unzip the os-2023-restore.zip file:

```
unzip ./os-2023-magtag.zip
```

4. Copy the contents of the os-2023-restore directory to the badge:

```
cp -r ./os-2023-magtag/. /Volumes/CIRCUITPY
```

5. Login to <https://badger.becomingahacker.com> using the 'Login' link at the top right of the site.

6. After logging in, navigate to the 'Account' tab the and notice the BadgeID field on this page.

7. Create or modify the /Volumes/CIRCUITPY/secrets.py file on the badge to include your BadgeID from the Accounts tab.

```
nano /Volumes/CIRCUITPY/secrets.py
```

The ssid and password details can be modified if you would like to use the badge on a different network. Here is a sample secrets.py:

```
#my secrets.py file
secrets = {
  'ssid' : 'os2023-badge',
  'password': 'wifipassword',
  'host_address' : 'https://badger.becomingahacker.com',
  'uniqueID': '222222222' #your BadgeID from the Account tab
}
```

8. After modifying secrets.py press the reset button and you should be good to go!!

For questions or issues you can post to the [Talk Chat - Badge Webex Teams Space](#)