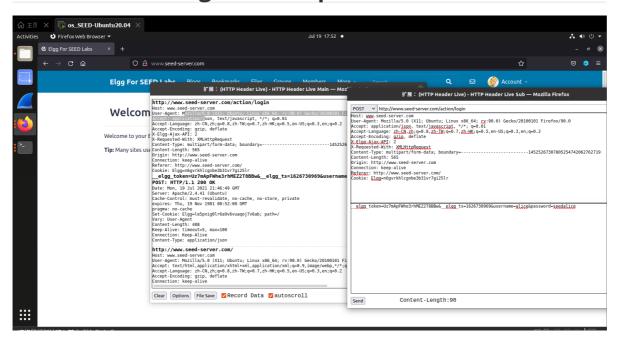
Cross-Site Request Forgery (CSRF) AttackLab

Task 1: Observing HTTP Request.

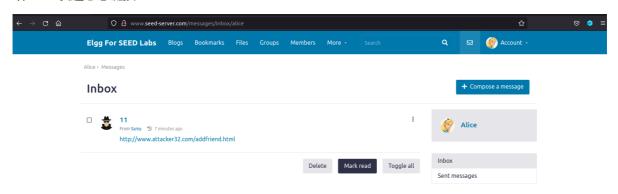


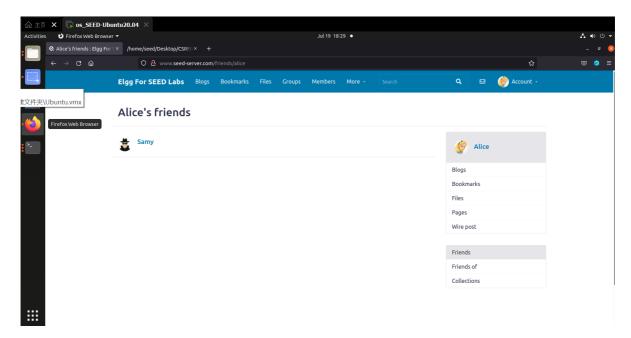
Task 2: CSRF Attack using GET Request

获得Alice的id,



给ALIce发送恶意链接





Task 3: CSRF Attack using POST Request

先用header live 观察修改profile的http请求

```
http://www.seed-server.com/action/profile/edit
Host: www.seed-server.com
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:83.0) Gecko/20100101 Firefox/83.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Content-Type: multipart/form-data; boundary=------372786658040581246982690978231
Content-Length: 3013
Origin: http://www.seed-server.com
Connection: keep-alive
Referer: http://www.seed-server.com/profile/alice/edit
Cookie: Elgg=atoh78n9bs6p3g0egc5lfdmjeb
Upgrade-Insecure-Requests: 1
  elgg_token=byvMmfq-qKc367zI0VcB5g&__elgg_ts=1626943981&name=Alice&description=Samy is
&accesslevel[description]=2&briefdescription=&accesslevel[briefdescription]=2&location=&ac
POST: HTTP/1.1 302 Found
Date: Thu, 22 Jul 2021 08:53:57 GMT
Server: Apache/2.4.41 (Ubuntu)
Cache-Control: must-revalidate, no-cache, no-store, private
expires: Thu, 19 Nov 1981 08:52:00 GMT
pragma: no-cache
Location: http://www.seed-server.com/profile/alice
Vary: User-Agent
Content-Length: 406
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=UTF-8
```

构造JavaScript函数

```
SEED-Ubuntu20.04 (2) - VMware Workstation
 | <u>| | | | | | - |</u>
    × X
在此处键入内容进行搜索 ▼ Activities ② Text Editor ▼
                                                                             Jul 27 03:07
*test_js.js
~/Desktop
     SEED-Ubuntu20.04 (2)
                         1<html>
    Fedora 7
                          2 <body>
                          3 <h1>This page forges an HTTP POST request.</h1>
4 <script type="text/javascript">
                          4<script type="text/javascript">
5 function forge_post()
6 {
                        (3)
                     .
                    ***
                                                                                                        JavaScript ▼ Tab Width: 8 ▼ Ln 13, Col 54
要将输入定向到该虚拟机,请将鼠标指针移入其中或按 Ctrl+G。
```

攻击成功

