Granny

Synopsis

Granny is the machine that can be exploited by abusing WebDav for file upload

Skills

- Knowledge of Windows
- Enumeration of ports and services
- Identifying known vulnerabilities
- Identifying stable processes
- Windows privilege escalation techniques

Exploitation

As always we start with the nmap to check what services/ports are open

```
Himpy A 10, 10.10, 15
Starting Namap 7, 30 ( https://nmap.org ) at 2023-06-05 05:47 EDT
Namap scan report for 10.10.10.15 (10.10.10.15)
Nost is up (0.1 batency)
Nost shown: 99 filtered to ports (no-response)
Nost shown: 90 filtered to ports (no-response)
Nost shown: 99 filtered to ports (no-response)
Nost shown: 90 filtered to ports (no-response)
Nost
```

We can notice that port 80/HTTP is open but interesting thing is WebDav is running (WebDav is an HTTP extension that allows to upload files on the server by using PUT HTTP method)

We put the text file on the server and by looking at the server's response the file was created

```
← → C A O A 10.10.10.15 shell.test

Stall Tools 

Kall Tools 

Kall Forums 
Kall Forums 
Kall NetHunter 
Exploit-D8 
Google Hacking D8 
OffSec

Such
```

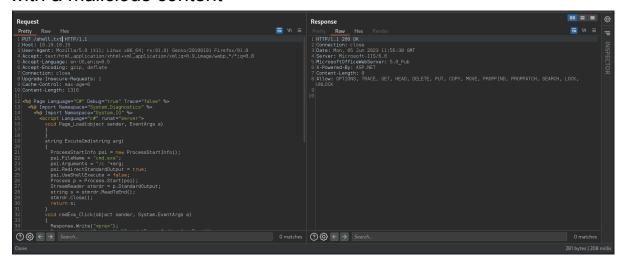
Now let's PUT the malicious file

```
Dailboard Target Proxy Intruder Repairer Sequencer Decoder Comparer Logger Extender Project options User options Learn

| Simple | Property | Property | Project options | Pro
```

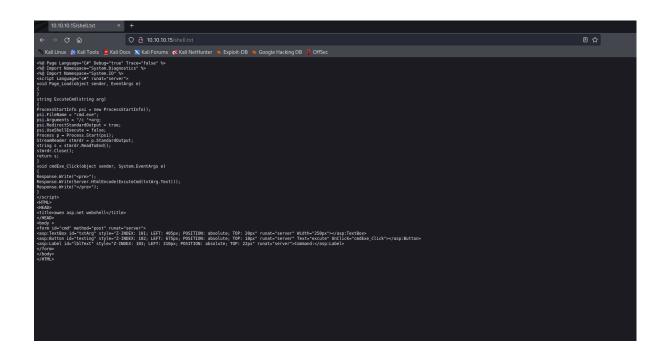
While trying to PUT malicious file we get 403-Forbidden what means that we cannot PUT files with programming extension

In that case we need to put file with the benign extension (.txt) but with a malicious content



Such file is accepted and uploaded on the server

Let's check it out in the browser



Text file but its content is a malicious code

Now we need to MOVE file shell.txt into shell.aspx

```
| Send | December | Pretty | Raw | Hex | Render | Pretty | Raw | Render | Raw | Pretty | Raw | Render | Raw | Pretty | Raw | Render | Pretty | Raw | Render | Pretty | Raw | Render | Raw | Raw
```

The file was swapped successfully

And as a result of that we uploaded a malicious ASPX file on the server thus successfully bypassing any filtering mechanisms



Now we got a remote code execution vulnerability

68,608 iisuiobj.dll

167,936 iisutil.dll

216,576 iisw3adm.dll

48 iis_switch.bat

9,709 iis_switch.vbs

14,336 inetinfo.exe

194,560 iiswmi.dll

1 ASR 3A4 inetmar dll

02/18/2007

02/18/2007

02/18/2007

02/18/2007

02/21/2003

02/21/2003

02/18/2007

02/18/2007

03:00 PM

03:00 PM

03:00 PM

03:00 PM

06:48 PM

06:48 PM

03:00 PM

A3.AA PM