

LAB 13- (L-23-24)

19BCE7464

Before :

```
C:\Windows\System32\cmd.exe
D:\vulncheck\wesng>systeminfo > systeminfo.txt

D:\vulncheck\wesng>python wes.py systeminfo.txt
WARNING:root:chardet module not installed. In case of encoding errors, install chardet using: pip3 install chardet
Windows Exploit Suggester 0.98 ( https://github.com/bitsadmin/wesng/ )
[+] Parsing systeminfo output
[+] Operating System
  - Name: Windows 10 Version 20H2 for x64-based Systems
  - Generation: 10
  - Build: 19042
  - Version: 20H2
  - Architecture: x64-based
  - Installed hotfixes (15): KB4601554, KB4561600, KB4562830, KB4566785, KB4570334, KB4577266, KB4577586, KB4580325, KB4586864, KB4589212, KB4593175, KB4598481, KB5001679, KB5003173, KB5003242
[+] Loading definitions
  - Creation date of definitions: 20210530
[+] Determining missing patches
[+] Found vulnerabilities

Date: 20210216
CVE: CVE-2021-24111
KB: KB4601050
Title: .NET Framework Denial of Service Vulnerability
Affected product: Microsoft .NET Framework 4.8 on Windows 10 Version 20H2 for x64-based Systems
Affected component: Issuing CNA
Severity: Important
Impact: Denial of Service
Exploit: n/a

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Severity: Important
Impact: Denial of Service
Exploit: n/a

[+] Missing patches: 1
  - KB4601050: patches 2 vulnerabilities
[+] KB with the most recent release date
  - ID: KB4601050
  - Release date: 20210216

[+] Done. Displaying 2 of the 2 vulnerabilities found.
```

Windows Exploit Suggester - Next Generation (WES-NG)

WES-NG is a tool based on the output of Windows' systeminfo utility which provides the list of vulnerabilities the OS is vulnerable to, including any exploits for these vulnerabilities. Every Windows OS between Windows XP and Windows 10 includes their Windows version number in its output.

After :

```
C:\Windows\System32\cmd.exe
D:\vulncheck\wesng>wes.py system.txt -e --hide "Internet Explorer" Edge Flash
WARNING:root:chardet module not installed. In case of encoding errors, install chardet using: pip3 install chardet
Windows Exploit Suggester 0.98 ( https://github.com/bitsadmin/wesng/ )
[+] Parsing systeminfo output
[+] Operating System
  - Name: Windows 10 Version 20H2 for x64-based Systems
  - Generation: 10
  - Build: 19042
  - Version: 20H2
  - Architecture: x64-based
  - Installed hotfixes (16): KB5003254, KB4561600, KB4562830, KB4566785, KB4570334, KB4577266, KB4577586, KB4580325, KB4586864, KB4589212, KB4593175, KB4598481, KB5000736, KB5001679, KB5003214, KB5003503
[+] Loading definitions
  - Creation date of definitions: 20210530
[+] Determining missing patches
[+] Applying display filters
[-] No vulnerabilities found
```

