ASSIGNMENT-13

## Name : C NAVEEN

## Reg.No : 19BCE7028

Windows exploit suggester:

This is a tool that helps you to identify the vulnerability in your naïve windows system.

Follow the link in github to download the files required….. https://github.com/bitsadmin/wesng

Double click on the **setup.py** to setup windows exploit

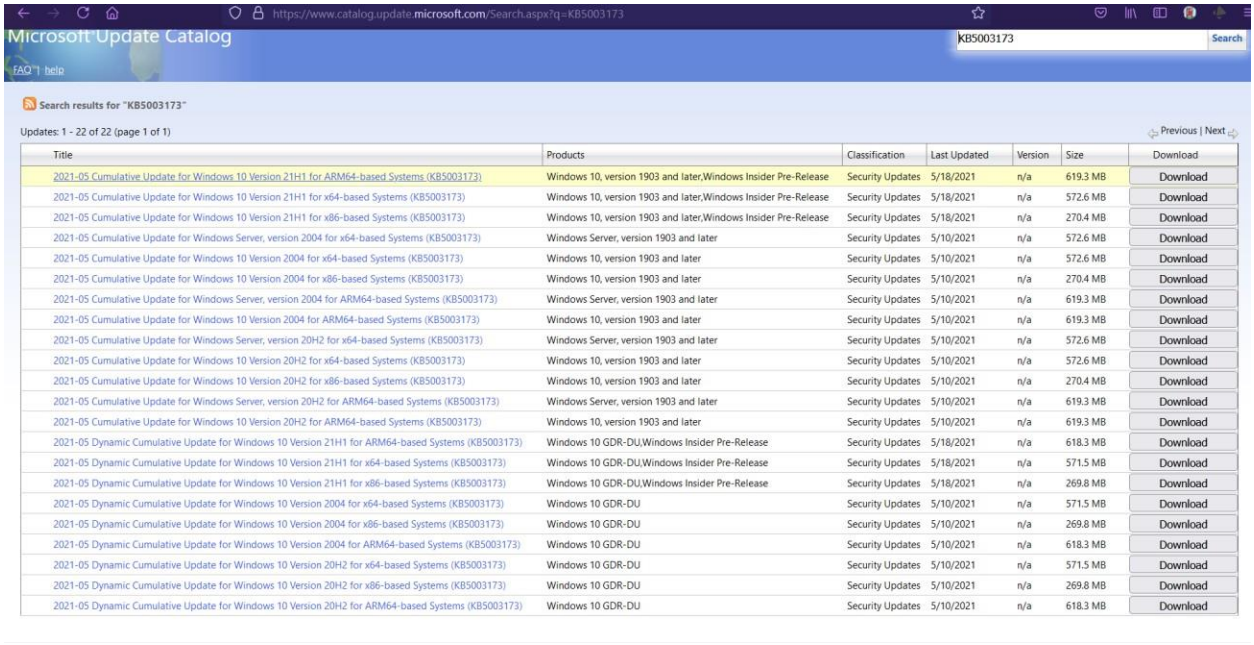
suggester. Now open command prompt do as follows

```
E:\College\SEM - 6\LABS\SECURE-CODING\wes ng\wesng-master\wesng-master>systeminfo > systeminfo_sc_demo.txt

E:\College\SEM - 6\LABS\SECURE-CODING\wes ng\wesng-master\wesng-master>wes.py systeminfo_sc_demo.txt
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: 19043
    - Version: 20H2
    - Architecture: x64-based
    - Installed hotfixes (9): KB5003254, KB4562830, KB4577586, KB4580325, KB4589212, KB4598481, KB5000736, KB5003214, KB
5003503
[+] Loading definitions
    - Creation date of definitions: 20210530
[+] Determining missing patches
[+] Found vulnerabilities
```

Pipe the systeminfo as a txt file to the wes.py and it will list all the vulnerabilities in the system. At last it will give you all the patches that are required to patch the vulnerabilities as below.

```
[+] Missing patches: 2
    - KB5003173: patches 50 vulnerabilities
    - KB4601050: patches 2 vulnerabilities
[+] KB with the most recent release date
    - ID: KB5003173
    - Release date: 20210511

[+] Done. Displaying 52 of the 52 vulnerabilities found.
```

Now go to the Microsoft catalog to download the required hotfixes I will be like below.




| Title | Products | Classification | Last Updated | Version | Size | Download |
|---|---|---|---|---|---|---|
| 2021-05 Cumulative Update for Windows 10 Version 21H1 for ARM64-based Systems (KB5003173) | Windows 10, version 1903 and later,Windows Insider Pre-Release | Security Updates | 5/18/2021 | n/a | 619.3 MB | Download |
| 2021-05 Cumulative Update for Windows 10 Version 21H1 for x64-based Systems (KB5003173) | Windows 10, version 1903 and later,Windows Insider Pre-Release | Security Updates | 5/18/2021 | n/a | 572.6 MB | Download |
| 2021-05 Cumulative Update for Windows 10 Version 21H1 for x86-based Systems (KB5003173) | Windows 10, version 1903 and later,Windows Insider Pre-Release | Security Updates | 5/18/2021 | n/a | 270.4 MB | Download |
| 2021-05 Cumulative Update for Windows Server, version 2004 for x64-based Systems (KB5003173) | Windows Server, version 1903 and later | Security Updates | 5/10/2021 | n/a | 572.6 MB | Download |
| 2021-05 Cumulative Update for Windows 10 Version 2004 for x64-based Systems (KB5003173) | Windows 10, version 1903 and later | Security Updates | 5/10/2021 | n/a | 572.6 MB | Download |
| 2021-05 Cumulative Update for Windows 10 Version 2004 for x86-based Systems (KB5003173) | Windows 10, version 1903 and later | Security Updates | 5/10/2021 | n/a | 270.4 MB | Download |
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| 2021-05 Dynamic Cumulative Update for Windows 10 Version 21H1 for ARM64-based Systems (KB5003173) | Windows 10 GDR-DU,Windows Insider Pre-Release | Security Updates | 5/18/2021 | n/a | 618.3 MB | Download |
| 2021-05 Dynamic Cumulative Update for Windows 10 Version 21H1 for x64-based Systems (KB5003173) | Windows 10 GDR-DU,Windows Insider Pre-Release | Security Updates | 5/18/2021 | n/a | 571.5 MB | Download |
| 2021-05 Dynamic Cumulative Update for Windows 10 Version 21H1 for x86-based Systems (KB5003173) | Windows 10 GDR-DU,Windows Insider Pre-Release | Security Updates | 5/18/2021 | n/a | 269.8 MB | Download |
| 2021-05 Dynamic Cumulative Update for Windows 10 Version 2004 for x64-based Systems (KB5003173) | Windows 10 GDR-DU | Security Updates | 5/10/2021 | n/a | 571.5 MB | Download |
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Download the appropriate hotfixes for your pc type **winver** in start to get the version of the pc you are using. Download your hotfixes and fix your vulnerabilities.

C \W\ndows\SysTe m32\r md exe

Severity: Important

Impact: Security Feature Bypass

Eypla it n/a

Date 20210511

CVE CVE-202-131208

KB KB5003173

Title: Windows Container Manager Service Elevation of Privilege Vulnerability

ATTerted produrt tIndoys 10 Vension 20H2 Ton xn4-based Systerns

ATTerted romponenl Tss uEngC UA

Severity: Important

Impact: Elevation of Privilege

Eypla it n/a

Date 20210511

CVE CVE-202-131208

KB KB5003173

Title: Windows Container Manager Service Elevation of Privilege Vulnerability

ATTerted produrt tIndoys 10 Vension 20H2 Ton xn4-based Systerns

ATTerted romponenl Tss uEngC UA

Severity: Important

Impact: Elevation of Privilege

Eypla it n/a

Date 20210511

CVE CVE-2021-28476

KB KB5003173

Title Hype n-V Remote code Eyerut ion vv1nerabI1ity

ATTerted produrt tIndoys 10 Vension 20H2 Ton xn4-based Systerns

ATTerted romponenl Tss uEngC UA

Seve nity c rItIra1

Ampar Remol e c ode Exe r ut hon

Eypla it n/a

Date: 20210511

CVE: CVE-2021-28476

KB: KB5003173

Title: Hyper-V Remote Code Execution Vulnerability

Affected product: Windows 10 Version 20H2 for x64-based Systems

Affected component: Issuing CA

Severity: Critical

Impact: Remote Code Execution

Exploit: n/a

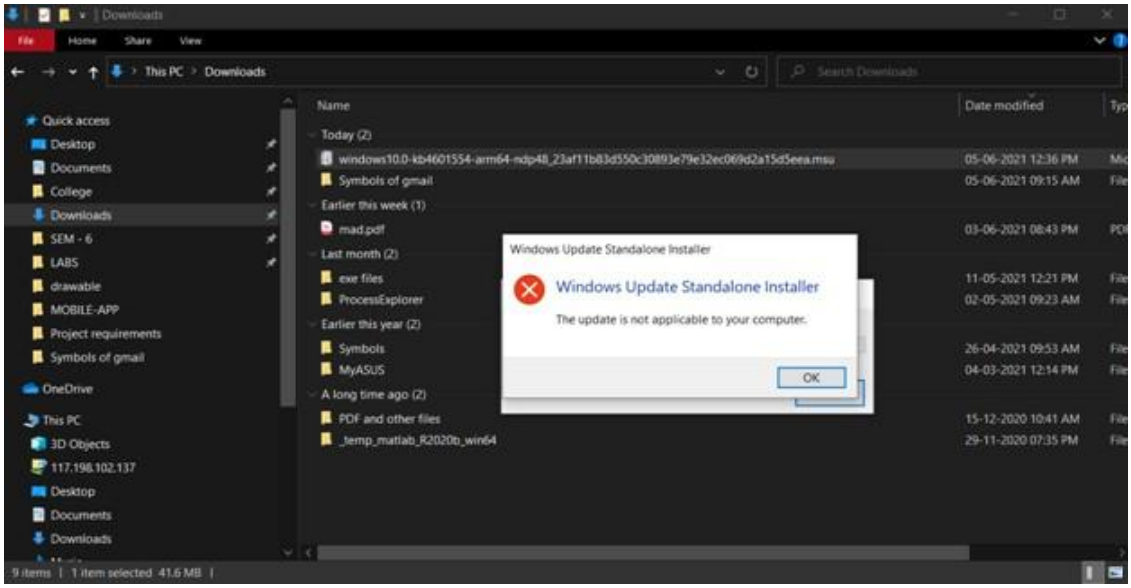
[+] Missing patches: 2

- KB5003173: patches 50 vulnerabilities
- KB4601050: patches 2 vulnerabilities

[+] KB with the most recent release date

- ID: KB5003173
- Release date: 20210511

[+] Done. Displaying 82 of the 82 vulnerabilities found.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MOBILE-APP
Project requirements
Symbols of gmail
OneDrive
This PC
3D Objects
117.198.102.137
Desktop
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Name
Date modified
Today (2)
windows10.0-kb4601554-arm64-ndp48_23af11b83d550c30893e79e32ec069d2a15d5eea.msu
05-06-2021 12:36 PM
Symbols of gmail
05-06-2021 09:15 AM
Earlier this week (1)
mad.pdf
03-06-2021 08:43 PM
Last month (2)
exe files
11-05-2021 12:21 PM
ProcessExplorer
02-05-2021 09:23 AM
Earlier this year (2)
Symbols
26-04-2021 09:53 AM
MyASUS
04-03-2021 12:14 PM
A long time ago (2)
PDF and other files
15-12-2020 10:41 AM
_temp_matlab_R2020b_win64
29-11-2020 07:35 PM
Windows Update Standalone Installer
Windows Update Standalone Installer
The update is not applicable to your computer.
OK
9 items | 1 item selected 41.6 MB