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VULNERABILITY REPORT

MONDAY, JUNE 09, 2021

MODIFICATIONS HISTORY

Version	Date	Author	Description
1.0	06/09/2021	Narra Venkata Sowmith	Initial Version

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GENERAL INFORMATION

SCOPE

My Windows 10 PC has mandated me to perform security tests on the following scope:

- Exploiting the open level Vulnerabilities in My Windows 10 PC

ORGANIZATION

The testing activities were performed between 06/07/2021 and 06/09/2021.

EXECUTIVE SUMMARY

VULNERABILITIES SUMMARY

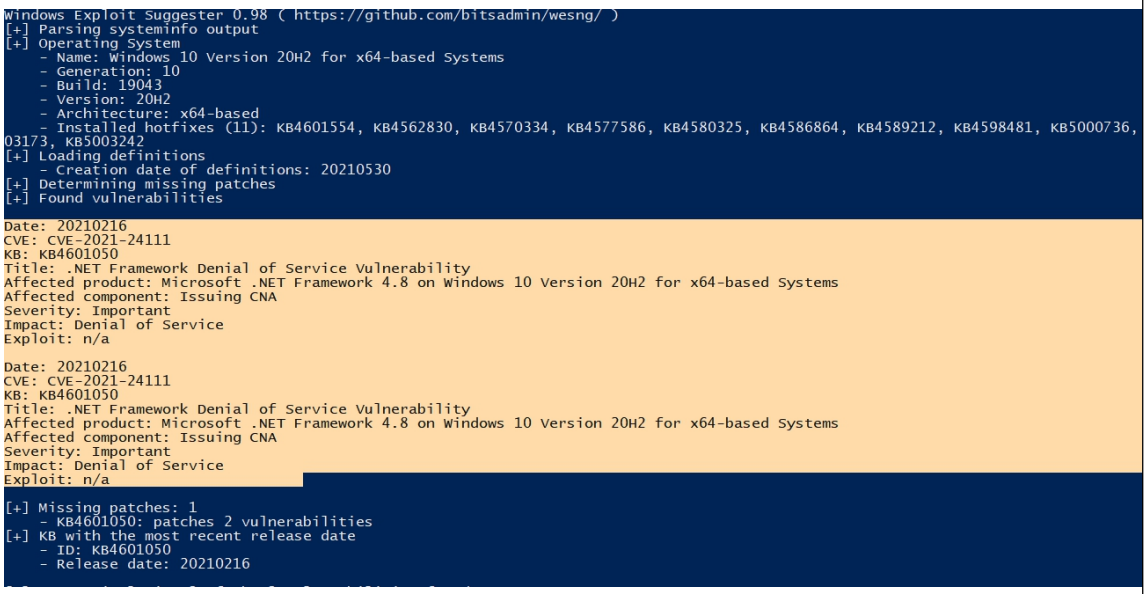
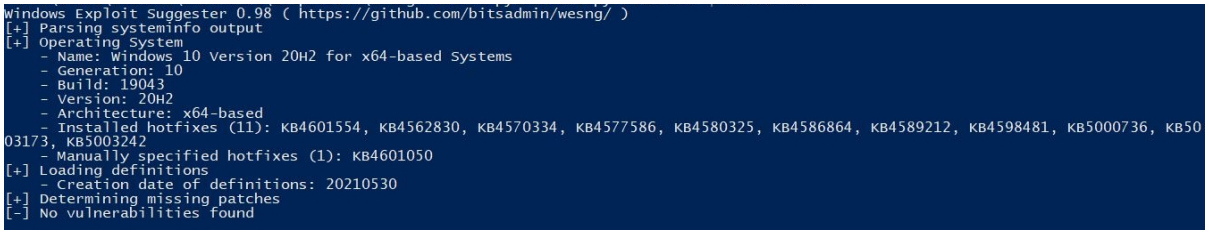
Following vulnerabilities have been discovered:

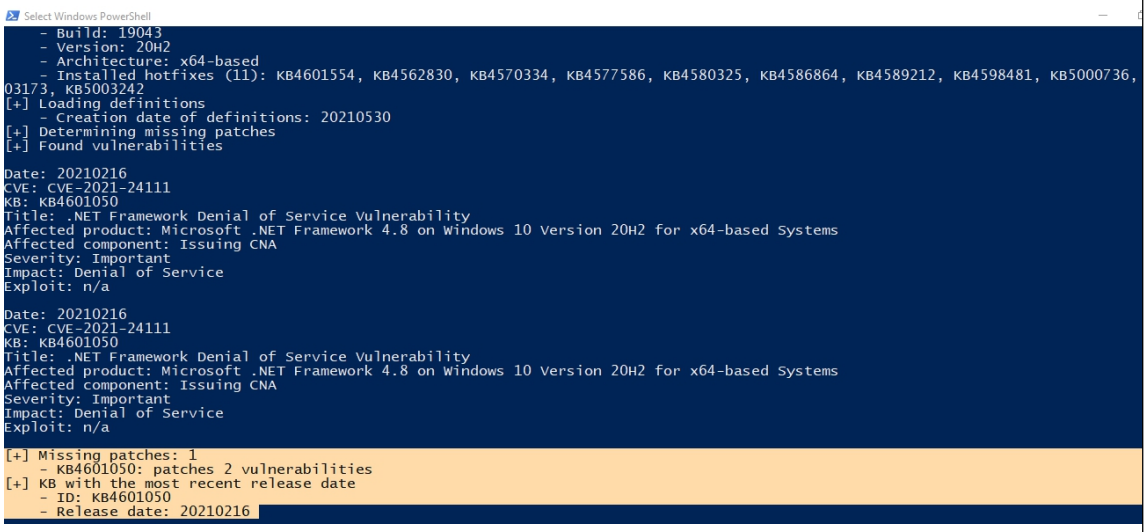
Risk	ID	Vulnerability	Affected Scope
Medium	VULN-001	.NET Framework Denial of Service Vulnerability	.Net Framework 4.8

TECHNICAL DETAILS

.NET FRAMEWORK DENIAL OF SERVICE VULNERABILITY

CVSS SEVERITY	Medium		CVSSv3 SCORE	6.8
CVSSv3 CRITERIAS	Attack Vector :	**Local**	Scope :	**Unchanged**
	Attack Complexity :	**Low**	Confidentiality :	**Low**
	Required Privileges :	**None**	Integrity :	**None**
	User Interaction :	**None**	Availability :	**High**
AFFECTED SCOPE	.Net Framework 4.8			
DESCRIPTION	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 (11): KB4601554, KB4562830, KB4570334, KB4577586, KB4580325, KB4586864, KB4589212, KB4598481, KB5000736, 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 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** [+] 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. 
OBSERVATION	As, I have used Windows Exploit Suggester to check the Vulnerabilities of my Windows 10 machine, I have found these Vulnerabilities. we can observe that this can lead to DOS (Denial of Service) attack of .Net framework 4.8.
TEST DETAILS I have Installed the recommended KB4601050 update in windows power shell & had successfully patched the DOS .Net framework4.8 Vulnerability 	
REMEDIATION	[+] Missing patches: 1 - **KB4601050: patches 2 vulnerabilities**

	[+] KB with the most recent release date - **ID: KB4601050** - Release date: 20210216 We can install This KB4601050 & KB4601554(replaced update of KB4601050) updates. This will fix/patch these vulnerabilities in our respective machine. 
REFERENCES	Windows Update