

CSE-2010 Secure Coding Lab-12

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Secure Coding Lab Audit

VULNERABILITY REPORT

SATURDAY, MAY 15, 2021





Version	Date	Author	Description
1.0	05/20/2021	Amritmoy Pain	Initial Version

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GENERAL INFORMATION

SCOPE

VIT Amravathi has mandated us to perform security tests on the following scope: · Entire infrastructure

ORGANISATION

The testing activities were performed between 05/01/2021 and 05/15/2021.

CONFIDENTIAL

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CONFIDENTIAL VULNERABILITIESSUMMARY

Following vulnerabilities have been discovered:

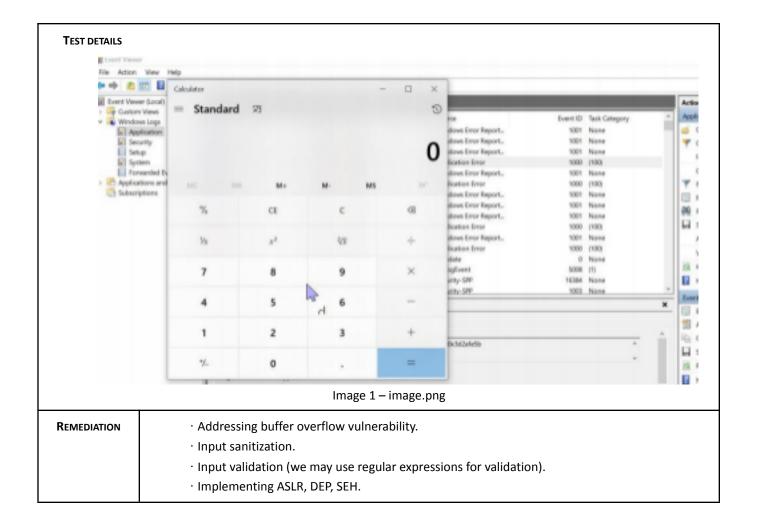
Risk	ID	Vulnerability	Affected Scope
High	IDX-002	Shell code injection	
High	IDX-001	Buffer overflow	
High	IDX-003	DOM XSS	

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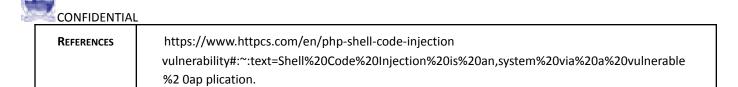


SHELL CODE INJECTION

CVSS SEVERITY	High CVSSv3 Score	8.9
CVSSv3 Attack Vector : Network Scope : Changed Attack Complexity : Low		
CRITERIAS	Confidentiality : Low	
	Required Privileges : Low Integrity : High	
	User Interaction : Required Availability : High	
AFFECTED SCOPE		
DESCRIPTION	Shell Code Injection is an attack that consists in executing commands on system via a vulnerable application.	a victim's operating
OBSERVATION	We have identified that this vulnerability can execute different malicious even trigger different application including command prompt.	code and



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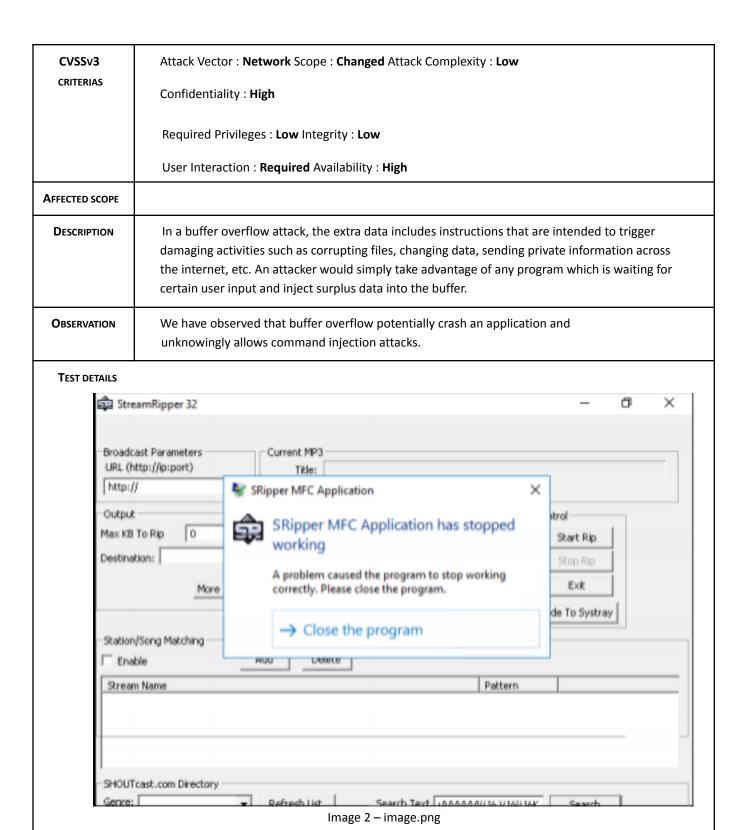


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BUFFER OVERFLOW

CVSS SEVERITY	High CVSSv3 Score	8.9
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CVSS SEVERITY	High CVSSv3 Score	7.6
CVSSv3 CRITERIAS	Attack Vector : Network Scope : Changed Attack Complexity : Low	
	Confidentiality: High	
	Required Privileges : Low Integrity : Low	
	User Interaction : Required Availability : None	
AFFECTED SCOPE		
DESCRIPTION	DOM XSS stands for Document Object Model-based Cross-site Scripting documents have an associated DOM that consists of objects, which repr	
	properties from the point of view of the browser. When a client-side scriuse the DOM of the HTML page where the script runs.	
OBSERVATION	<pre>1)Open any url which you want to test let's say https://www.incrypts.com/ 2) now just put <html></html></pre>	
TEST DETAILS		
REMEDIATION	USE USER INPUT VALIDATION AND WAF	
References		

