

S.V.SAIVAMSI,19BCN7258

LAB-12

VULNERABILITY REPORT

MODIFICATIONS HISTORY

Version	Date	Author	Description
1.0	09/06/2021	SAIVAMSI	Initial Version

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title	Error! Bookmark not defined. 4.
Vulnerabilities summary	

GENERAL INFORMATION

SCOPE

VIT-AP AMARAVATHI has mandated us to perform security tests on the following scope:

- This is for secure coding lab

ORGANISATION

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

EXECUTIVE SUMMARY{#SUMMARY}

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VULNERABILITIES SUMMARY

Following vulnerabilities have been discovered:

Risk	ID	Vulnerability	Affected Scope
High	IDX-002	DDOS	
High	IDX-001	Buffer overflow	
Medium	VULN-003	Ransomware	

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TECHNICAL DETAILS{#FINDINGS}

DDOS

CVSS SEVERITY	High	CVSSv3 SCORE	8.3
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CVSSv3 CRITERIAS	Attack Vector: Network Scope: Changed Attack Complexity: High Confidentiality: High Required Privileges: None Integrity: High User Interaction: Required Availability: High
AFFECTED SCOPE	
DESCRIPTION	This is used to crash a website using multiple pinging
OBSERVATION	
TEST DETAILS	
REMEDIATION	
REFERENCES	

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Buffer overflow

CVSS SEVERITY	High	CVSSv3 SCORE	8.3
CVSSv3 CRITERIAS	Attack Vector: Network Scope: Changed Attack Complexity: High Confidentiality: High Required Privileges: High Integrity: High User Interaction: Required Availability: High		
AFFECTED SCOPE			
DESCRIPTION	This is a code-level error normally made by humans due to the typecasting errors. It leads to the crass of rocket Ariane-5.		
OBSERVATION	This is done using a steam ripper		
TEST DETAILS			
REMEDIATION			
REFERENCES			

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CVSS SEVERITY	Medium	CVSSv3 SCORE	6.2
CVSSv3 CRITERIAS	Attack Vector: Physical Scope: Unchanged Attack Complexity: High Confidentiality: High Required Privileges: Low Integrity: High User Interaction: Required Availability: High		
AFFECTED SCOPE			
DESCRIPTION	This is used to infect the nave windows to get the ransom.		
OBSERVATION			
TEST DETAILS			
REMEDIATION			
REFERENCES			