Stream Ripper 32 Frigate

VULNERABILITY REPORT

Friday, June 11, 2021







MODIFICATIONS HISTORY

Version	Date	Author	Description
1.0	06/11/2021	Rishab Banthia	Initial Version

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GENERAL INFORMATION

SCOPE

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

Software Security

ORGANISATION

The testing activities were performed between 06/11/2021 and 06/11/2021.



EXECUTIVE SUMMARY {#SUMMARY}



VULNERABILITIES SUMMARY

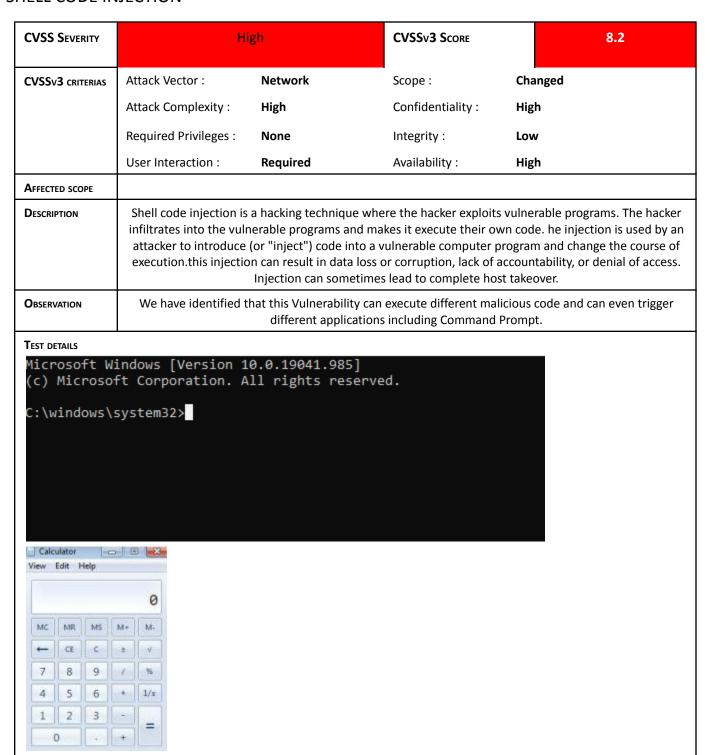
Following vulnerabilities have been discovered:

Risk	ID	Vulnerability	Affected Scope
High	IDX-003	Shell Code Injection	
High	IDX-001	Buffer Overflow	
Medium	VULN-002	Denial of service	



TECHNICAL DETAILS{#FINDINGS}

SHELL CODE INJECTION



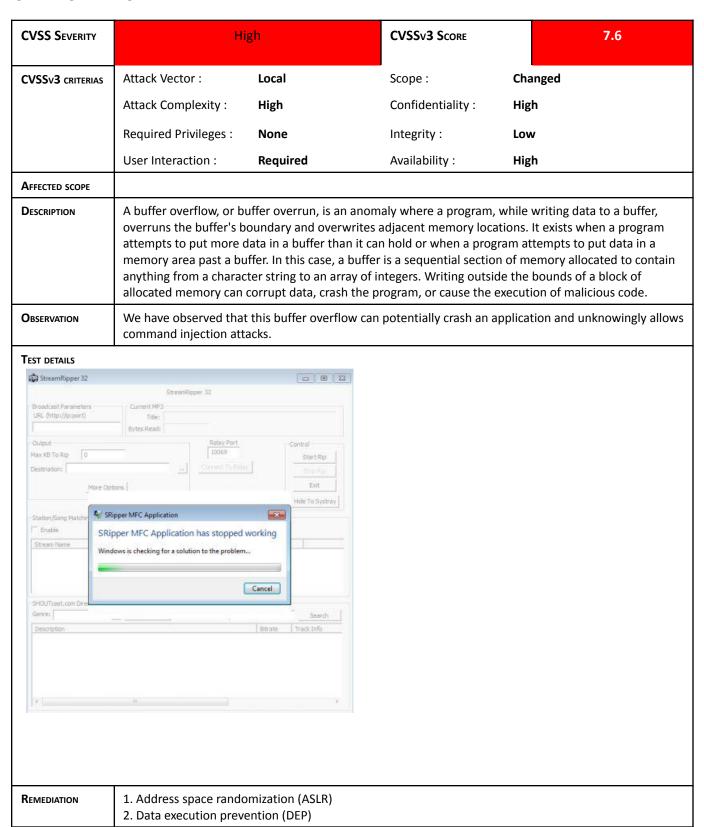


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REMEDIATION	Addressing Buffer Overflow Vulnerability Input Sanitization Implementing ASLR, DEP, SEH
REFERENCES	



BUFFER OVERFLOW





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	3. Structured exception handler overwrite protection (SEHOP)
REFERENCES	



BUFFER OVERFLOW

