DOD VULNERABILITY DISCLOSURE PROGRAM
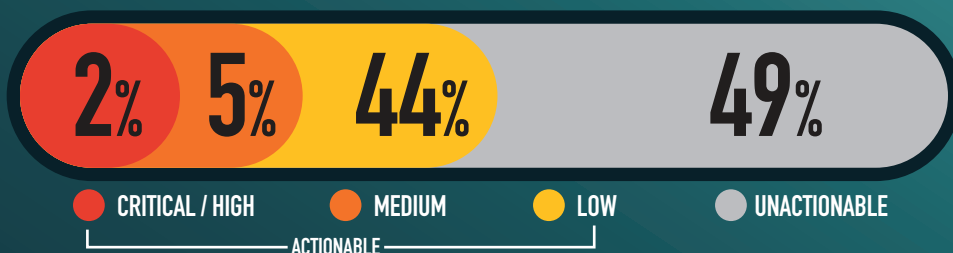# BUG BYTES SEPTEMBER 2023

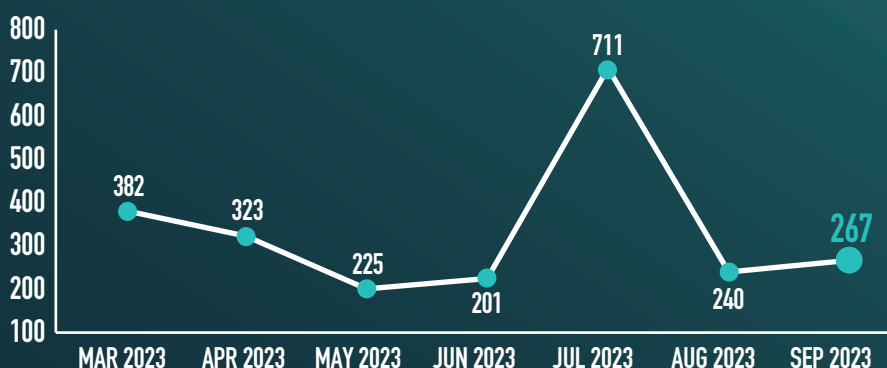**48,229**
VULNERABILITIES SINCE LAUNCH

5,111
RESEARCHERS SINCE LAUNCH

27,332
ACTIONABLE REPORTS PROCESSED

SEVERITY FOR THE MONTH

2% **5%** **44%** **49%**

● CRITICAL / HIGH ● MEDIUM ● LOW ● UNACTIONABLE

ACTIONABLE

SUBMITTED VULNERABILITIES

	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023
	382	323	225	201	711	240	267

LEADING COMMON WEAKNESS ENUMERATION'S FOR THE MONTH

CWE-657 VIOLATION OF SECURE DESIGN PRINCIPLES ●●●●●●●●●●●●●●●●●●●●●● 110

CWE-200 INFORMATION DISCLOSURE ●●●●●●●●◗ 43

CWE-284 IMPROPER ACCESS CONTROL - GENERIC ●●●◗ 17

CWE-79 CROSS-SITE SCRIPTING (XSS) ●●● 15

KNOWLEDGE BYTE

In September 2023, the DoD VDP received a high-impact submission detailing the unauthorized ability to read local server files via Apache Solr. Apache Solr is a search platform that allows for file indexing and querying. Researchers exploited an unpatched version of Solr by manipulating requests to appear internal to the system. The forged requests were then used to extract operating system files from the server. System owners are recommended to have the latest security updates installed. See the following for more information: https://nvd.nist.gov/vuln/detail/CVE-2021-27905 & https://cwiki.apache.org/confluence/display/solr/SolrSecurity & https://issues.apache.org/jira/browse/SOLR-15217

RESEARCHER OF THE MONTH

The DoD VDP Researcher of the Month for September 2023 is **Harlan Lieberman-Berg!** They've uncovered an arbitrary forgery of CAC emails in certificates, fortifying our National Security. Thank you, Harlan for your dedication to safeguarding our digital frontier! VDP Hackers for the win!