DEFENSE INDUSTRIAL BASE VULNERABILITY DISCLOSURE PROGRAM

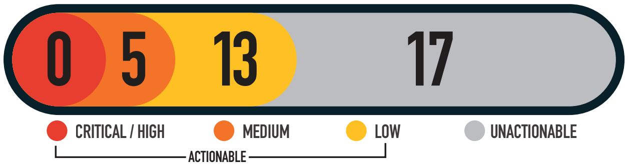
MYTE BYTE

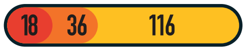
AUGUST 2025

DIB-VDP

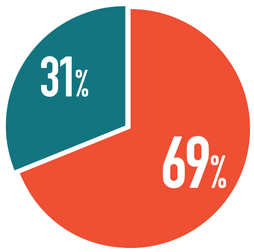
894	**35**	**235**	**18**
VULNERABILITIES SUBMITTED SINCE LAUNCH	VULNERABILITIES FOR THE MONTH	RESEARCHERS SINCE LAUNCH	ACTIONABLE REPORTS PROCESSED

SEVERITY FOR THE MONTH





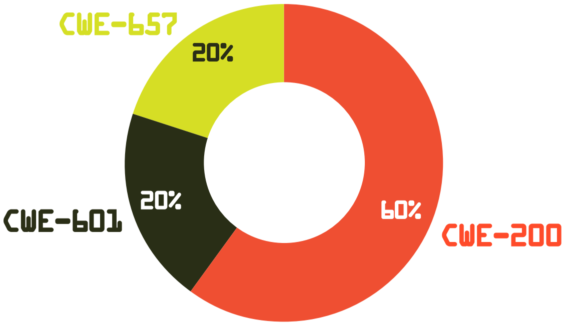
MITIGATED VULNERABILITIES BY SEVERITY SINCE LAUNCH



MITIGATIONS FOR THE MONTH

- ● 20 Successful Mitigations (Including Top 5 Organization Data)
- ● 9 Unsuccessful Attempts

VULNERABILITY TYPES/ LEADING CWE'S FOR THE MONTH



CWE-200 INFORMATION DISCLOSURE: 9
CWE-601 OPEN DIRECT: 3
CWE-657 VIOLATION OF SECURE DESIGN PRINCIPLES: 3

KNOWLEDGE BYTE

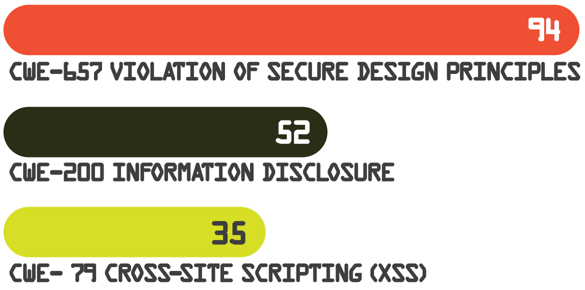
In August 2025, the DIB-VDP received a medium-severity vulnerability report detailing unauthenticated request manipulation that could lead to unauthorized modification of victim accounts. The vulnerability was exploited by sending carefully crafted requests to the service without authenticating. By manipulating parameters in these unauthenticated requests, attackers could modify sensitive account information, such as profile details, preferences, and other such data, potentially impacting multiple victims. System owners are encouraged to enforce strict authentication and authorization checks on all endpoints, validate all incoming parameters, implement rate limiting and anomaly detection for suspicious request patterns, and adopt multi-factor verification for account changes. Further information is available in the following resources:

https://cheatsheetseries.owasp.org/cheatsheets/Authorization_Cheat_Sheet.html
https://cwe.mitre.org/data/definitions/287.html
https://owasp.org/Top10/A01_2021-Broken_Access_Control/

RESEARCHER OF THE MONTH

Shoutout to @valentim_m17823 for spotting **unauthenticated request manipulation**! Left unchecked, this vulnerability could enable data tampering, unauthorized actions, or system disruption. Staying proactive keeps users safe. #DIBVDP #CyberSecurity #InfoSec #WebSecurity #EthicalHacking

TOP VULNERABILITIES SINCE LAUNCH



𝕏 @DC3VDP
AFOSI.DC3.DIB-VDP@us.af.mil

DoD CYBER CRIME CENTER AND DEFENSE COUNTERINTELLIGENCE & SECURITY AGENCY