DEFENSE INDUSTRIAL BASE VULNERABILITY DISCLOSURE PROGRAM

MYTE BYTE

OCTOBER 2024

DIB-VDP

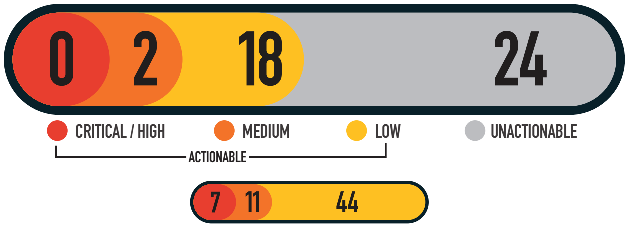
516 VULNERABILITIES SUBMITTED SINCE LAUNCH

44 VULNERABILITIES FOR THE MONTH

131 RESEARCHERS SINCE LAUNCH

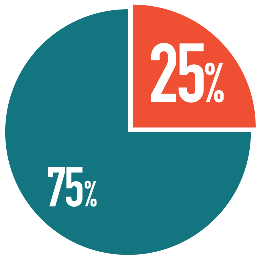
20 ACTIONABLE REPORTS PROCESSED

SEVERITY FOR THE MONTH



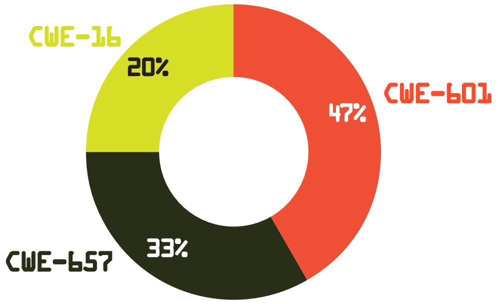
MITIGATED VULNERABILITIES BY SEVERITY SINCE LAUNCH

MITIGATIONS FOR THE MONTH



- 🟥 1 Successful Mitigations (Including Top 5 Organization Data)
- 🟦 3 Unsuccessful Attempts

VULNERABILITY TYPES/ LEADING CWE'S FOR THE MONTH



CWE-601 OPEN REDIRECT: 5
CWE-657 VIOLATION OF SECURE DESIGN PRINCIPLES: 4
CWE-16 MISCONFIGURATION: 3

KNOWLEDGE BYTE

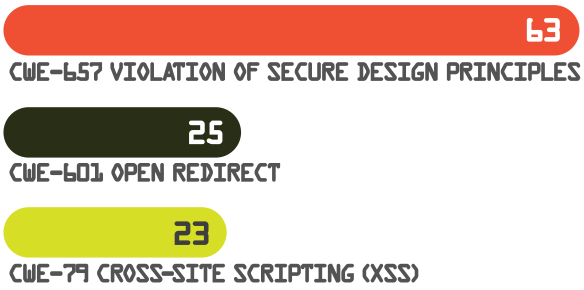
In October 2024, the DIB-VDP received a submission demonstrating the potential for a Blind Server-Side Request Forger (SSRF) and Denial of Service (DOS) within a xmlrpc.php WordPress file. The eXtensible Markup Language Remote Procedure Call (XMLRPC) is a protocol that allows software to communicate with each other over the internet using remote procedure calls. Within the report the researchers displayed the possibility of executing commands within the page by bypassing input validation, sending a POST request to the server. System owners are encouraged to disable xmlrpc or turn off pingback, this is dependent on system needs. Further information is available: https://nvd.nist.gov/vuln/detail/CVE-2022-47514

https://cheatsheetseries.owasp.org/cheatsheets/XML_External_Entity_Prevention_Cheat_Sheet.html

RESEARCHER OF THE MONTH

🔐 **Security Alert!** by @leoanggal1: XSS vulnerability discovered allowing unauthorized injection though arbitrary JavaScript actions to be executed via crafted script. This critical flaw could enable attackers to gather sensitive data without authentication. Immediate patching and sanitization of allowable characters are advised! #DIBVDP #CyberSecurity #InfoSec #WebSecurity #EthicalHacking

TOP VULNERABILITIES SINCE LAUNCH



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DoD CYBER CRIME CENTER AND
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& SECURITY AGENCY