



46,786

VULNERABILITIES SINCE LAUNCH

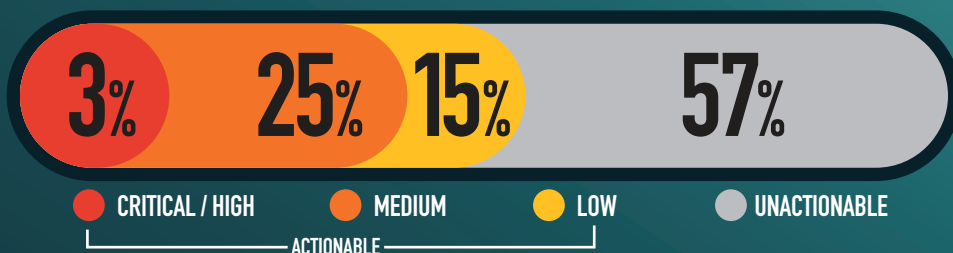
4,860

RESEARCHERS SINCE LAUNCH

26,650

ACTIONABLE REPORTS PROCESSED

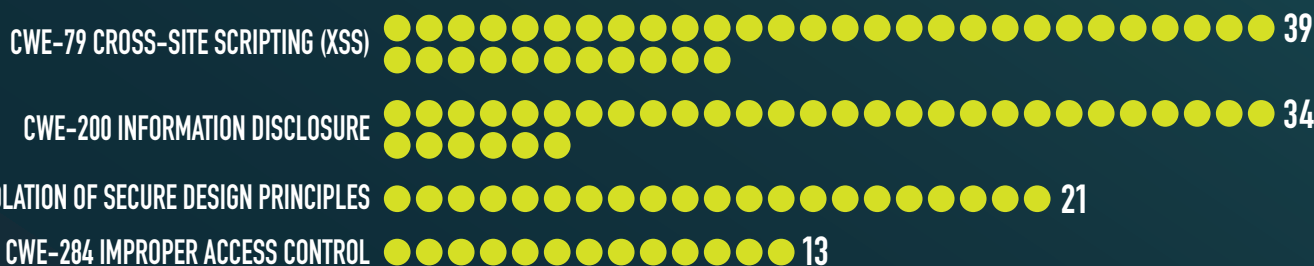
## SEVERITY FOR THE MONTH



## SUBMITTED VULNERABILITIES



## LEADING COMMON WEAKNESS ENUMERATION'S FOR THE MONTH



## KNOWLEDGE BYTE

In May 2023, the DoD VDP received critical submissions allowing a researcher to obtain full administrative control of web applications within Oracle APEX. Oracle APEX is a platform that allows for the prototyping and development of web applications that rely on backend databases. The researcher was able to bypass authentication mechanisms within Oracle APEX allowing access to manage users, control application publications, and upload files.

It is recommended that developers utilizing the Oracle APEX platform adhere to best security practices when creating applications. See the following for more information: <https://docs.oracle.com/database/apex-18.1/HTMDB/managing-application-security.htm#HTMDB12000> & [https://cheatsheetseries.owasp.org/cheatsheets/Authentication\\_Cheat\\_Sheet.html](https://cheatsheetseries.owasp.org/cheatsheets/Authentication_Cheat_Sheet.html) & <https://portswigger.net/web-security/access-control>

## RESEARCHER OF THE MONTH

The DoD VDP Researcher of the Month for May 2023 is [@Verhelle\\_Nick!](#)

They submitted several critical reports for unauthorized administrator access on a DOD asset; if left unaddressed, this would result in the acquisition of administrator privileges and roles that pose a significant threat to the security of the website. Thank you very much! VDP Hackers for the win!