A FEDERAL CYBER CENTER

DoD CYBER CRIME CENTER (DC3)

Bug Bytes—November 2019

2019 DOD CIO TEAM AWARD WINNERS

DoD Vulnerability Disclosure Program

Mission Brief: The U.S. Government will promote regular testing and exercising of the cybersecurity and resilience of products and systems during development using best practices from forward-leaning industries. This also includes promotion and use of coordinated vulnerability disclosure, crowd-sourced testing, and other innovative assessments that improve resiliency ahead of exploitation or attack.

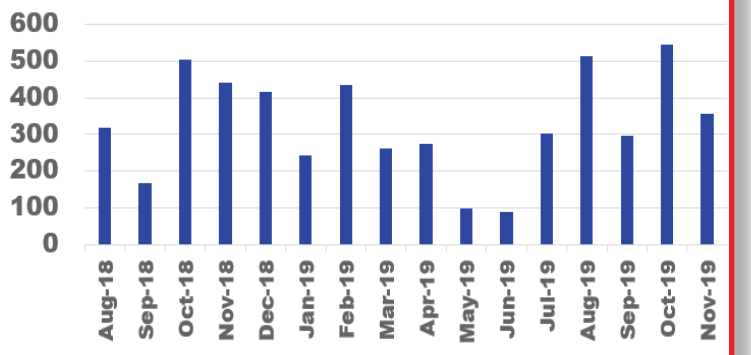
—National Cyber Strategy of the United States of America. September 2018

Knowledge Bytes

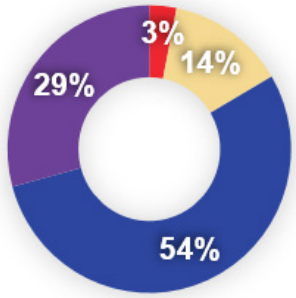
DotNetNuke (DNN) is a popular content management system (CMS) used throughout industry as well as within the DoD. A patch was released in November with an accompanying IAVM released beginning of December (2019-B-0088), listed as a CAT II (moderate severity) with a vulnerability that could allow an attacker to manipulate files on the server. While this CMS is not as widely used in the DoD as WordPress, VDP does see instances of this software being utilized by system owners quite often. While there are no known exploits in the wild for this vulnerability, administrators should update their systems accordingly and follow the guidance published in the IAVM. https://iavm.csd.disa.mil/iavm/services/notices/142476.htm.

Grand Total Vulnerabilities Since Launch	Total Number of Researchers from Launch	Actionable Reports Processed
11,996	1,408	8,324

New Vulnerabilities Submitted by Month



Severity by Month



Researcher of the Month!

We are pleased to announce that the November 2019 DoD VDP Researcher of the Month Award goes to @Mthirup with HackerOne! He submitted a critical severity finding on an info.php file which contained service and account names and passwords. Fantastic find and thank you for supporting the DoD!

Vulnerability Types

Leading CWE's for the Month	Number of Submissions
Information Disclosure	171
Violation of Secure Design Principles	59
Cross-site Scripting (XSS)	26
Improper Access Control - Generic	10
Open Redirect	10

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