NITIAL DISCLOSURE

THE PATCH FACTORY







Malicious actors using the vulnerability "in the wild"



3rd PARTY BUG HUNTERS/ **RESEARCHERS**

Private security consultants, testers, and researchers



DHS RESEARCH

Security testing and research performed or sponsored by DHS



IN-HOUSE RESEARCH

Security testers and researchers who test their own products & systems







COMPUTER SECURITY INCIDENT RESPONSE TEAMS (CSIRTs)



CVE NUMBERING AUTHORITIES



MITRE CVE



CONFERENCE BRIEFINGS/ **PRESENTATIONS**



MAILING LISTS/ SOCIAL MEDIA

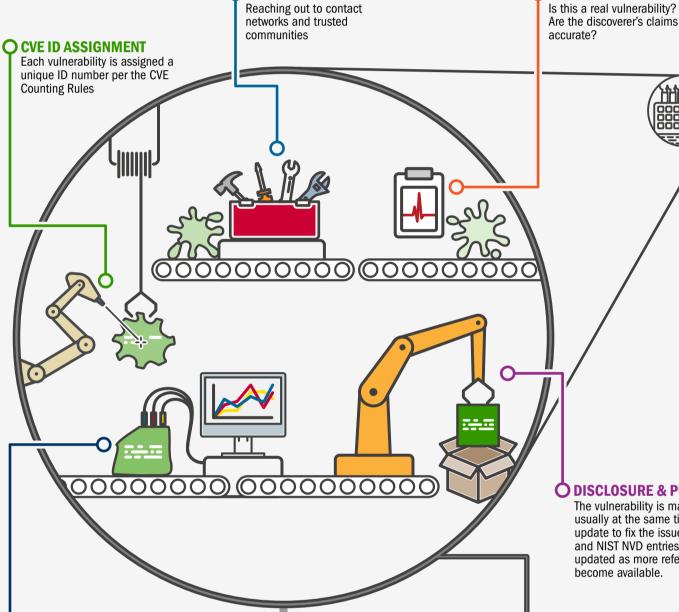


PRODUCT SECURITY INCIDENT RESPONSE TEAMS (PSIRTs)





TRIAGE & VALIDATION



COORDINATION

DISCLOSURE & PUBLISHING

The vulnerability is made public, usually at the same time as a software update to fix the issue. The MITRE CVE and NIST NVD entries are created and updated as more references and data become available.

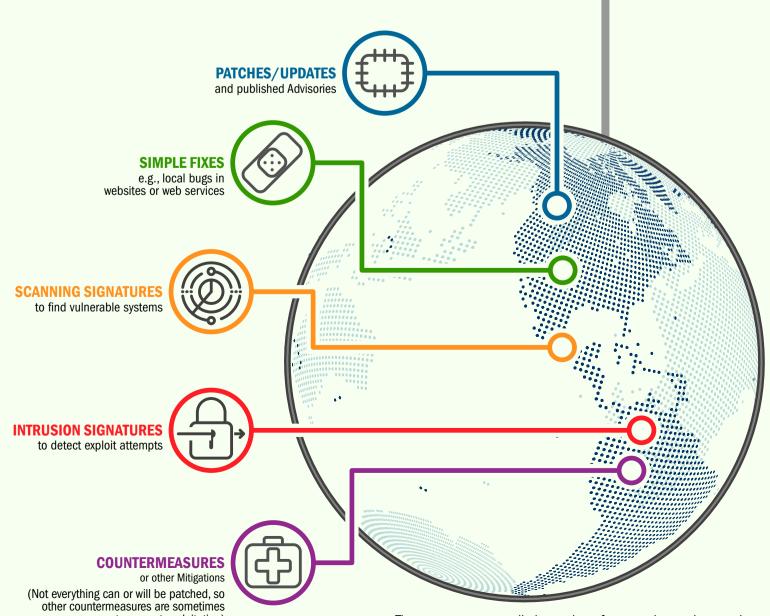
ASSESSING SEVERITY

A Common Vulnerability Severity Score (CVSS) is calculated for each vulnerability. Other factors may also come into play, such as how widespread the vulnerability is and what types of impacts might be caused if the vulnerability is exploited (or if exploitation is already occurring).



POST-DISCLOSURE COORDINATION After publication, other potentially affected

vendors may come forward to provide of request additional info, expanding the contact network



necessary to prevent exploitation)