CVE™

CVE List ▾   CNAs ▾   WGs ▾   Board ▾   About ▾   News & Blog ▾

NVD
Go to for:
CVSS Scores
CPE Info

| Search CVE List | Downloads | Data Feeds | Update a CVE Record | Request CVE IDs |

TOTAL CVE Records: 154742

HOME > CVE LIST > ABOUT CVE RECORDS

About CVE Records

CVE Records (also referred to by the community as "CVE Identifiers," "CVE IDs," "CVE names," "CVE numbers," and "CVEs") are unique, common identifiers for publicly known cybersecurity vulnerabilities. Information is included about the topics below.

CVE Records Defined   Requesting CVE IDs

Creation of CVE Records   Enhanced Info for CVE Records & Scoring

CVE Records Defined

Each CVE Record includes the following:

♦ CVE ID number with four or more digits in the sequence number portion of the ID (e.g., "CVE-1999-0067", "CVE-2014-12345", "CVE-2016-7654321").

♦ Brief description of the security vulnerability.

♦ Any pertinent references (i.e., vulnerability reports and advisories).

States of CVE Records

- RESERVED
- DISPUTED
- REJECT
- CVE Record marked RESERVED being publicly used

More details about?

- Descriptions
- References
- Year portion of a CVE ID
- "Date Entry Created" in a CVE Record

How do I?

- Request a new CVE ID
- Update info included in a CVE Record
- Get a feed of newest CVE Records

Other questions?

- Ask us questions about CVE Records or CVE IDs by choosing "Other" on our CVE Request Web Form

BACK TO TOP

Creation of CVE Records

The process of creating a CVE Record begins with the discovery of a potential cybersecurity vulnerability. The information is then assigned a CVE ID by a CVE Numbering Authority (CNA), a Description and References are added by the CNA, and then the CVE Record is posted on the CVE website by the CVE Program Secretariat.

The documents below explain the creation of records in more detail:

CVE Numbering Authority (CNA) Rules

The guidelines the CVE Program uses to ensure that CVE Records are created in a consistent fashion, independent of which CVE Numbering Authority (CNA) is doing the creation.

CVE Numbering Authorities

Defines the role and responsibilities of CNAs; shows the number and types of participating CNAs from around the world; provides documentation for CNAs, including the CNA Rules document and Researcher Reservation Guidelines; and provides details of why and how to become a CNA.

Participating CNAs

Provides a list of the products and product categories covered by all CVE Numbering Authorities (CNAs), including Root CNAs.

CVE References

Each CVE Record includes appropriate references. Each reference used in CVE (1) identifies the source, (2) includes a well-defined identifier to facilitate searching on a source's website, and (3) notes the associated CVE ID. CVE also includes a Reference Maps page with links to documents from the commonly used information sources that are used as references for CVE Records.

FAQs

FAQs from the Frequently Asked Questions page also address specific questions about CVE Records on the following topics:

FAQs from the Frequently Asked Questions page also address specific questions about CVE Records on the following topics:

- CVE Record Basics
- States of CVE Records
- Updating Information in CVE Records
- Requesting New CVE IDs

BACK TO TOP

Requesting CVE IDs

To receive a CVE ID for your issue you must contact a CVE Numbering Authority (CNA). See Request a CVE ID for details.

BACK TO TOP

Enhanced Info for CVE Records & Scoring

U.S. National Vulnerability Database (NVD)

Launched by the National Institute of Standards and Technology (NIST) in 2005, NVD provides a vulnerability database of enhanced CVE content that is fully synchronized with the CVE List, so any updates to the CVE List appear immediately in NVD.

In addition to advanced searching (e.g., by operating system, etc.), NVD also provides the following enhanced CVE content:

- Fix information for CVE Records
- CVSS calculator for scoring CVE Records

BACK TO TOP

Page Last Updated or Reviewed: December 11, 2020

Site Map | Terms of Use | Privacy Policy | Contact Us | Follow CVE