



# CVE-2022-20697

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2022-20697                                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | psirt@cisco.com                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2022-04-15 15:15:00 UTC                                                                                                    |
| <b>Updated</b>         | 2023-11-07 03:42:00 UTC                                                                                                    |
| <b>Description</b>     | A vulnerability in the web services interface of Cisco IOS Software and Cisco IOS XE Software could allow an authenticated |

## Risk And Classification

### Problem Types: CWE-772

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                | Product             | Version         | Update | Edition | Language |
|------------------|-----------------------|---------------------|-----------------|--------|---------|----------|
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svr1  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svr2  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svr3  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svs   | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svs1  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svt1  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svt2  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svt3  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svu1  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svu10 | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svu2  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.1\{(3\)svv1  | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.2\{234k\)e   | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.2\{(7\)e3    | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.2\{(7\)e3a   | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.2\{(7\)e3k   | All    | All     | All      |
| Operating System | <a href="#">Cisco</a> | <a href="#">ios</a> | 15.2\{(7\)e4    | All    | All     | All      |

|                  |       |        |                  |     |     |     |
|------------------|-------|--------|------------------|-----|-----|-----|
| Operating System | Cisco | ios    | 15.2\\(8\\)e     | All | All | All |
| Operating System | Cisco | ios    | 15.3\\(3\\)jk100 | All | All | All |
| Operating System | Cisco | ios    | 15.3\\(3\\)jpj8  | All | All | All |
| Operating System | Cisco | ios    | 15.9\\(3\\)m2    | All | All | All |
| Operating System | Cisco | ios    | 15.9\\(3\\)m2a   | All | All | All |
| Operating System | Cisco | ios    | 15.9\\(3\\)m3    | All | All | All |
| Operating System | Cisco | ios    | 15.9\\(3\\)m3a   | All | All | All |
| Operating System | Cisco | ios    | 15.9\\(3\\)m3b   | All | All | All |
| Operating System | Cisco | ios    | 15.9\\(3\\)m4    | All | All | All |
| Operating System | Cisco | ios Xe | 3.11.3ae         | All | All | All |
| Operating System | Cisco | ios Xe | 3.11.3e          | All | All | All |
| Operating System | Cisco | ios Xe | 3.11.4e          | All | All | All |

| References                                                                          |         |                                                       |                     |
|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------|---------------------|
| Reference                                                                           | Source  | Link                                                  | Tags                |
| 20220413 Cisco IOS and IOS XE Software Web Services Denial of Service Vulnerability | CISCO   | <a href="https://tools.cisco.com">tools.cisco.com</a> |                     |
| CVE Program record                                                                  | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>         | canonical           |
| NVD vulnerability detail                                                            | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>       | canonical, analysis |

No vendor comments have been submitted for this CVE.

| Legacy QID Mappings                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">317151</a> Cisco Internetwork Operating System (IOS) and IOS XE Software Web Services Denial of Service (DoS) Vulnerability (cisco-sa-http-dos-svOdkdBS) |