



# CVE-2022-20677

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2022-20677  |
| <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>     | Multiple vulnerabilities in the Cisco IOx application hosting environment on multiple Cisco platforms could allow an attacker |

## Risk And Classification

**Problem Types:** CWE-326

## NVD Known Affected Configurations (CPE 2.3)

| Type     | Vendor | Product                            | Version | Update | Edition | Language |
|----------|--------|------------------------------------|---------|--------|---------|----------|
| Hardware | Cisco  | 1100-4g Integrated Services Router | -       | All    | All     | All      |
| Hardware | Cisco  | 1100-6g Integrated Services Router | -       | All    | All     | All      |
| Hardware | Cisco  | 1101 Integrated Services Router    | -       | All    | All     | All      |
| Hardware | Cisco  | 1109 Integrated Services Router    | -       | All    | All     | All      |
| Hardware | Cisco  | 1111x Integrated Services Router   | -       | All    | All     | All      |
| Hardware | Cisco  | 111x Integrated Services Router    | -       | All    | All     | All      |
| Hardware | Cisco  | 1120 Integrated Services Router    | -       | All    | All     | All      |
| Hardware | Cisco  | 1131 Integrated Services Router    | -       | All    | All     | All      |
| Hardware | Cisco  | 1160 Integrated Services Router    | -       | All    | All     | All      |
| Hardware | Cisco  | 4221 Integrated Services Router    | -       | All    | All     | All      |
| Hardware | Cisco  | 8101-32fh                          | -       | All    | All     | All      |
| Hardware | Cisco  | 8101-32h                           | -       | All    | All     | All      |
| Hardware | Cisco  | 8102-64h                           | -       | All    | All     | All      |
| Hardware | Cisco  | 8201                               | -       | All    | All     | All      |
| Hardware | Cisco  | 8201-32fh                          | -       | All    | All     | All      |
| Hardware | Cisco  | 8202                               | -       | All    | All     | All      |
| Hardware | Cisco  | 8800                               | -       | All    | All     | All      |

|          |       |                  |   |     |     |     |
|----------|-------|------------------|---|-----|-----|-----|
| Hardware | Cisco | Asr 1001-x       | - | All | All | All |
| Hardware | Cisco | Asr 1002-hx      | - | All | All | All |
| Hardware | Cisco | Asr 1006-x       | - | All | All | All |
| Hardware | Cisco | Asr 1009-x       | - | All | All | All |
| Hardware | Cisco | Asr 900          | - | All | All | All |
| Hardware | Cisco | Asr 9000v-v2     | - | All | All | All |
| Hardware | Cisco | Asr 9001         | - | All | All | All |
| Hardware | Cisco | Asr 9006         | - | All | All | All |
| Hardware | Cisco | Asr 9010         | - | All | All | All |
| Hardware | Cisco | Asr 9901         | - | All | All | All |
| Hardware | Cisco | Asr 9902         | - | All | All | All |
| Hardware | Cisco | Asr 9903         | - | All | All | All |
| Hardware | Cisco | Asr 9904         | - | All | All | All |
| Hardware | Cisco | Asr 9906         | - | All | All | All |
| Hardware | Cisco | Asr 9910         | - | All | All | All |
| Hardware | Cisco | Asr 9912         | - | All | All | All |
| Hardware | Cisco | Asr 9922         | - | All | All | All |
| Hardware | Cisco | Catalyst 3650    | - | All | All | All |
| Hardware | Cisco | Catalyst 3850    | - | All | All | All |
| Hardware | Cisco | Catalyst 8200    | - | All | All | All |
| Hardware | Cisco | Catalyst 8300    | - | All | All | All |
| Hardware | Cisco | Catalyst 8500    | - | All | All | All |
| Hardware | Cisco | Catalyst 8500I   | - | All | All | All |
| Hardware | Cisco | Catalyst 9200    | - | All | All | All |
| Hardware | Cisco | Catalyst 9300    | - | All | All | All |
| Hardware | Cisco | Catalyst 9400    | - | All | All | All |
| Hardware | Cisco | Catalyst 9500    | - | All | All | All |
| Hardware | Cisco | Catalyst 9500h   | - | All | All | All |
| Hardware | Cisco | Catalyst 9600    | - | All | All | All |
| Hardware | Cisco | Catalyst 9800    | - | All | All | All |
| Hardware | Cisco | Catalyst 9800-40 | - | All | All | All |
| Hardware | Cisco | Catalyst 9800-80 | - | All | All | All |
| Hardware | Cisco | Catalyst 9800-cl | - | All | All | All |
| Hardware | Cisco | Catalyst 9800-I  | - | All | All | All |
| Hardware | Cisco | Catalyst Cg418-e | - | All | All | All |

|                  |       |                             |        |     |     |     |
|------------------|-------|-----------------------------|--------|-----|-----|-----|
| Hardware         | Cisco | Catalyst Cg522-e            | -      | All | All | All |
| Hardware         | Cisco | Catalyst Ess9300            | -      | All | All | All |
| Hardware         | Cisco | Catalyst Ie3200             | -      | All | All | All |
| Hardware         | Cisco | Catalyst Ie3300             | -      | All | All | All |
| Hardware         | Cisco | Catalyst Ie3400             | -      | All | All | All |
| Hardware         | Cisco | Catalyst Ie9300             | -      | All | All | All |
| Hardware         | Cisco | Cloud Services Router 1000v | -      | All | All | All |
| Hardware         | Cisco | Esr3300                     | -      | All | All | All |
| Hardware         | Cisco | Esr6300                     | -      | All | All | All |
| Operating System | Cisco | Ios                         | 17.6.1 | All | All | All |
| Hardware         | Cisco | Isr 1100-4g                 | -      | All | All | All |
| Hardware         | Cisco | Isr 1100-6g                 | -      | All | All | All |
| Hardware         | Cisco | Isr 1101                    | -      | All | All | All |
| Hardware         | Cisco | Isr 1109                    | -      | All | All | All |
| Hardware         | Cisco | Isr 1111x                   | -      | All | All | All |
| Hardware         | Cisco | Isr 111x                    | -      | All | All | All |
| Hardware         | Cisco | Isr 1120                    | -      | All | All | All |
| Hardware         | Cisco | Isr 1131                    | -      | All | All | All |
| Hardware         | Cisco | Isr 1160                    | -      | All | All | All |
| Hardware         | Cisco | Isr 4221                    | -      | All | All | All |

## References

| Reference  | Source  | Link  | Tags                |
|--|---------|---|---------------------|
| 20220413 Cisco IOx Application Hosting Environment Vulnerabilities | 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

[317164](#) Cisco IOx Application Hosting Environment Multiple Vulnerabilities (cisco-sa-iox-yuXQ6hFj)

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