



CVE-2022-20721

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

Summary

CVE	CVE-2022-20721
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-04-15 15:15:00 UTC
Updated	2023-11-07 03:42:00 UTC
Description	Multiple vulnerabilities in the Cisco IOx application hosting environment on multiple Cisco platforms could allow an attacker

Risk And Classification

Problem Types: CWE-22

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios Xe	All	All	All	All
Operating System	Cisco	ios Xe	16.10.1	All	All	All
Operating System	Cisco	ios Xe	16.10.1a	All	All	All
Operating System	Cisco	ios Xe	16.10.1b	All	All	All
Operating System	Cisco	ios Xe	16.10.1c	All	All	All
Operating System	Cisco	ios Xe	16.10.1d	All	All	All
Operating System	Cisco	ios Xe	16.10.1e	All	All	All
Operating System	Cisco	ios Xe	16.10.1f	All	All	All
Operating System	Cisco	ios Xe	16.10.1g	All	All	All
Operating System	Cisco	ios Xe	16.10.1s	All	All	All
Operating System	Cisco	ios Xe	16.10.2	All	All	All
Operating System	Cisco	ios Xe	16.10.3	All	All	All
Operating System	Cisco	ios Xe	16.11.1	All	All	All
Operating System	Cisco	ios Xe	16.11.1a	All	All	All
Operating System	Cisco	ios Xe	16.11.1b	All	All	All
Operating System	Cisco	ios Xe	16.11.1c	All	All	All
Operating System	Cisco	ios Xe	16.11.1s	All	All	All

Operating System	Cisco	los Xe	16.11.2	All	All	All
Operating System	Cisco	los Xe	16.12.1	All	All	All
Operating System	Cisco	los Xe	16.12.1a	All	All	All
Operating System	Cisco	los Xe	16.12.1c	All	All	All
Operating System	Cisco	los Xe	16.12.1s	All	All	All
Operating System	Cisco	los Xe	16.12.1t	All	All	All
Operating System	Cisco	los Xe	16.12.1w	All	All	All
Operating System	Cisco	los Xe	16.12.1x	All	All	All
Operating System	Cisco	los Xe	16.12.1y	All	All	All
Operating System	Cisco	los Xe	16.12.2	All	All	All
Operating System	Cisco	los Xe	16.12.2a	All	All	All
Operating System	Cisco	los Xe	16.12.2s	All	All	All
Operating System	Cisco	los Xe	16.12.2t	All	All	All
Operating System	Cisco	los Xe	16.12.3	All	All	All
Operating System	Cisco	los Xe	16.12.3a	All	All	All
Operating System	Cisco	los Xe	16.12.3s	All	All	All
Operating System	Cisco	los Xe	16.12.4	All	All	All
Operating System	Cisco	los Xe	16.12.4a	All	All	All
Operating System	Cisco	los Xe	16.12.5	All	All	All
Operating System	Cisco	los Xe	16.12.5a	All	All	All
Operating System	Cisco	los Xe	16.3.1	All	All	All
Operating System	Cisco	los Xe	16.3.10	All	All	All
Operating System	Cisco	los Xe	16.3.11	All	All	All
Operating System	Cisco	los Xe	16.3.1a	All	All	All
Operating System	Cisco	los Xe	16.3.2	All	All	All
Operating System	Cisco	los Xe	16.3.3	All	All	All
Operating System	Cisco	los Xe	16.3.4	All	All	All
Operating System	Cisco	los Xe	16.3.5	All	All	All
Operating System	Cisco	los Xe	16.3.5b	All	All	All
Operating System	Cisco	los Xe	16.3.6	All	All	All
Operating System	Cisco	los Xe	16.3.7	All	All	All
Operating System	Cisco	los Xe	16.3.8	All	All	All
Operating System	Cisco	los Xe	16.3.9	All	All	All
Operating System	Cisco	los Xe	16.4.1	All	All	All
Operating System	Cisco	los Xe	16.4.2	All	All	All

Operating System	Cisco	ios Xe	16.4.3	All	All	All
Operating System	Cisco	ios Xe	16.5.1	All	All	All
Operating System	Cisco	ios Xe	16.5.1a	All	All	All
Operating System	Cisco	ios Xe	16.5.1b	All	All	All
Operating System	Cisco	ios Xe	16.5.2	All	All	All
Operating System	Cisco	ios Xe	16.5.3	All	All	All
Operating System	Cisco	ios Xe	16.6.1	All	All	All
Operating System	Cisco	ios Xe	16.6.10	All	All	All
Operating System	Cisco	ios Xe	16.6.2	All	All	All
Operating System	Cisco	ios Xe	16.6.3	All	All	All
Operating System	Cisco	ios Xe	16.6.4	All	All	All
Operating System	Cisco	ios Xe	16.6.4a	All	All	All
Operating System	Cisco	ios Xe	16.6.4s	All	All	All
Operating System	Cisco	ios Xe	16.6.5	All	All	All
Operating System	Cisco	ios Xe	16.6.5a	All	All	All
Operating System	Cisco	ios Xe	16.6.5b	All	All	All
Operating System	Cisco	ios Xe	16.6.6	All	All	All
Operating System	Cisco	ios Xe	16.6.7	All	All	All
Operating System	Cisco	ios Xe	16.6.7a	All	All	All
Operating System	Cisco	ios Xe	16.6.8	All	All	All
Operating System	Cisco	ios Xe	16.6.9	All	All	All
Operating System	Cisco	ios Xe	16.7.1	All	All	All
Operating System	Cisco	ios Xe	16.7.1a	All	All	All
Operating System	Cisco	ios Xe	16.7.1b	All	All	All
Operating System	Cisco	ios Xe	16.7.2	All	All	All
Operating System	Cisco	ios Xe	16.7.3	All	All	All
Operating System	Cisco	ios Xe	16.7.4	All	All	All
Operating System	Cisco	ios Xe	16.8.1	All	All	All
Operating System	Cisco	ios Xe	16.8.1a	All	All	All
Operating System	Cisco	ios Xe	16.8.1b	All	All	All
Operating System	Cisco	ios Xe	16.8.1c	All	All	All
Operating System	Cisco	ios Xe	16.8.1d	All	All	All
Operating System	Cisco	ios Xe	16.8.1e	All	All	All
Operating System	Cisco	ios Xe	16.8.1s	All	All	All
Operating System	Cisco	ios Xe	16.8.2	All	All	All

Operating System	Cisco	ios Xe	16.8.3	All	All	All
Operating System	Cisco	ios Xe	16.9.1	All	All	All
Operating System	Cisco	ios Xe	16.9.1a	All	All	All
Operating System	Cisco	ios Xe	16.9.1b	All	All	All
Operating System	Cisco	ios Xe	16.9.1c	All	All	All
Operating System	Cisco	ios Xe	16.9.1d	All	All	All
Operating System	Cisco	ios Xe	16.9.1s	All	All	All
Operating System	Cisco	ios Xe	16.9.2	All	All	All
Operating System	Cisco	ios Xe	16.9.2a	All	All	All
Operating System	Cisco	ios Xe	16.9.2s	All	All	All
Operating System	Cisco	ios Xe	16.9.3	All	All	All
Operating System	Cisco	ios Xe	16.9.3a	All	All	All
Operating System	Cisco	ios Xe	16.9.3h	All	All	All
Operating System	Cisco	ios Xe	16.9.3s	All	All	All
Operating System	Cisco	ios Xe	16.9.4	All	All	All
Operating System	Cisco	ios Xe	16.9.4c	All	All	All
Operating System	Cisco	ios Xe	16.9.5	All	All	All
Operating System	Cisco	ios Xe	16.9.5f	All	All	All
Operating System	Cisco	ios Xe	16.9.6	All	All	All
Operating System	Cisco	ios Xe	16.9.7	All	All	All
Operating System	Cisco	ios Xe	16.9.8	All	All	All
Operating System	Cisco	ios Xe	17.1.1	All	All	All
Operating System	Cisco	ios Xe	17.1.1a	All	All	All
Operating System	Cisco	ios Xe	17.1.1s	All	All	All
Operating System	Cisco	ios Xe	17.1.1t	All	All	All
Operating System	Cisco	ios Xe	17.1.2	All	All	All
Operating System	Cisco	ios Xe	17.1.3	All	All	All
Operating System	Cisco	ios Xe	17.2.1	All	All	All
Operating System	Cisco	ios Xe	17.2.1a	All	All	All
Operating System	Cisco	ios Xe	17.2.1r	All	All	All
Operating System	Cisco	ios Xe	17.2.1v	All	All	All
Operating System	Cisco	ios Xe	17.2.2	All	All	All
Operating System	Cisco	ios Xe	17.2.3	All	All	All
Operating System	Cisco	ios Xe	17.3.1	All	All	All
Operating System	Cisco	ios Xe	17.3.1a	All	All	All
Operating System	Cisco	ios Xe	17.3.1w	All	All	All

Operating System	Cisco	Ios Xe	17.3.1x	All	All	All
Operating System	Cisco	Ios Xe	17.3.1z	All	All	All
Operating System	Cisco	Ios Xe	17.3.2	All	All	All
Operating System	Cisco	Ios Xe	17.3.2a	All	All	All
Operating System	Cisco	Ios Xe	17.3.3	All	All	All
Operating System	Cisco	Ios Xe	17.3.3a	All	All	All
Operating System	Cisco	Ios Xe	17.3.4	All	All	All
Operating System	Cisco	Ios Xe	17.3.4a	All	All	All
Operating System	Cisco	Ios Xe	17.3.4b	All	All	All
Operating System	Cisco	Ios Xe	17.3.4c	All	All	All
Operating System	Cisco	Ios Xe	17.4.1	All	All	All
Operating System	Cisco	Ios Xe	17.4.1a	All	All	All
Operating System	Cisco	Ios Xe	17.4.1b	All	All	All
Operating System	Cisco	Ios Xe	17.4.1c	All	All	All
Operating System	Cisco	Ios Xe	17.4.2	All	All	All
Operating System	Cisco	Ios Xe	17.4.2a	All	All	All
Operating System	Cisco	Ios Xe	17.5.1	All	All	All
Operating System	Cisco	Ios Xe	17.5.1a	All	All	All
Operating System	Cisco	Ios Xe	17.6.1	All	All	All
Operating System	Cisco	Ios Xe	17.6.1a	All	All	All
Application	Cisco	Ios 15 Operating System	All	All	All	All

References

Reference

20220413 Cisco IOx Application Hosting Environment Vulnerabilities

[Cisco IOx - Application Environment Arbitrary File Read Vulnerability \(CVE-2022-20721\) · Advisory · orancecertcc/security-research · GitHub](#)

[CVE Program record](#)

[NVD vulnerability detail](#)

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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