



CVE-2021-1398

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

Summary

CVE	CVE-2021-1398
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-24 20:15:00 UTC
Updated	2023-11-07 03:28:00 UTC
Description	A vulnerability in the boot logic of Cisco IOS XE Software could allow an authenticated, local attacker with level 15 privilege

Risk And Classification

Problem Types: CWE-489

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios Xe	16.1.1	All	All	All
Operating System	Cisco	ios Xe	16.1.2	All	All	All
Operating System	Cisco	ios Xe	16.1.3	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	ios Xe	16.11.2	All	All	All
Operating System	Cisco	ios Xe	16.12.1	All	All	All
Operating System	Cisco	ios Xe	16.12.1a	All	All	All
Operating System	Cisco	ios Xe	16.12.1c	All	All	All
Operating System	Cisco	ios Xe	16.12.1s	All	All	All
Operating System	Cisco	ios Xe	16.12.1t	All	All	All
Operating System	Cisco	ios Xe	16.12.1w	All	All	All
Operating System	Cisco	ios Xe	16.12.1x	All	All	All
Operating System	Cisco	ios Xe	16.12.1y	All	All	All
Operating System	Cisco	ios Xe	16.12.1z	All	All	All
Operating System	Cisco	ios Xe	16.12.1za	All	All	All
Operating System	Cisco	ios Xe	16.12.2	All	All	All
Operating System	Cisco	ios Xe	16.12.2a	All	All	All
Operating System	Cisco	ios Xe	16.12.2s	All	All	All
Operating System	Cisco	ios Xe	16.12.2t	All	All	All
Operating System	Cisco	ios Xe	16.12.3	All	All	All
Operating System	Cisco	ios Xe	16.12.3a	All	All	All
Operating System	Cisco	ios Xe	16.12.3s	All	All	All
Operating System	Cisco	ios Xe	16.12.4	All	All	All
Operating System	Cisco	ios Xe	16.12.4a	All	All	All
Operating System	Cisco	ios Xe	16.2.1	All	All	All
Operating System	Cisco	ios Xe	16.2.2	All	All	All
Operating System	Cisco	ios Xe	16.3.1	All	All	All
Operating System	Cisco	ios Xe	16.3.10	All	All	All
Operating System	Cisco	ios Xe	16.3.1a	All	All	All
Operating System	Cisco	ios Xe	16.3.2	All	All	All
Operating System	Cisco	ios Xe	16.3.3	All	All	All
Operating System	Cisco	ios Xe	16.3.4	All	All	All
Operating System	Cisco	ios Xe	16.3.5	All	All	All
Operating System	Cisco	ios Xe	16.3.5b	All	All	All
Operating System	Cisco	ios Xe	16.3.6	All	All	All
Operating System	Cisco	ios Xe	16.3.7	All	All	All
Operating System	Cisco	ios Xe	16.3.8	All	All	All

Operating System	Cisco	ios Xe	16.3.9	All	All	All
Operating System	Cisco	ios Xe	16.4.1	All	All	All
Operating System	Cisco	ios 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	16.6.2	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	16.7.1	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	16.9.0	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	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	17.2.1	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	3.10.0s	All	All	All
Operating System	Cisco	ios Xe	3.10.10s	All	All	All
Operating System	Cisco	ios Xe	3.10.1s	All	All	All
Operating System	Cisco	ios Xe	3.10.1xbs	All	All	All
Operating System	Cisco	ios Xe	3.10.1xcs	All	All	All
Operating System	Cisco	ios Xe	3.10.2as	All	All	All
Operating System	Cisco	ios Xe	3.10.2s	All	All	All
Operating System	Cisco	ios Xe	3.10.2ts	All	All	All

Operating System	Cisco	los Xe	3.10.3s	All	All	All
Operating System	Cisco	los Xe	3.10.4s	All	All	All
Operating System	Cisco	los Xe	3.10.5s	All	All	All
Operating System	Cisco	los Xe	3.10.6s	All	All	All
Operating System	Cisco	los Xe	3.10.7s	All	All	All
Operating System	Cisco	los Xe	3.10.8as	All	All	All
Operating System	Cisco	los Xe	3.10.8s	All	All	All
Operating System	Cisco	los Xe	3.10.9s	All	All	All
Operating System	Cisco	los Xe	3.11.0s	All	All	All
Operating System	Cisco	los Xe	3.11.1s	All	All	All
Operating System	Cisco	los Xe	3.11.2s	All	All	All
Operating System	Cisco	los Xe	3.11.3s	All	All	All
Operating System	Cisco	los Xe	3.11.4s	All	All	All
Operating System	Cisco	los Xe	3.12.0as	All	All	All
Operating System	Cisco	los Xe	3.12.0s	All	All	All
Operating System	Cisco	los Xe	3.12.1s	All	All	All
Operating System	Cisco	los Xe	3.12.2s	All	All	All
Operating System	Cisco	los Xe	3.12.3s	All	All	All
Operating System	Cisco	los Xe	3.12.4s	All	All	All
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Operating System	Cisco	los Xe	3.13.0s	All	All	All
Operating System	Cisco	los Xe	3.13.10s	All	All	All
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Operating System	Cisco	los Xe	3.13.2as	All	All	All
Operating System	Cisco	los Xe	3.13.2s	All	All	All
Operating System	Cisco	los Xe	3.13.3s	All	All	All
Operating System	Cisco	los Xe	3.13.4s	All	All	All
Operating System	Cisco	los Xe	3.13.5as	All	All	All
Operating System	Cisco	los Xe	3.13.5s	All	All	All
Operating System	Cisco	los Xe	3.13.6as	All	All	All
Operating System	Cisco	los Xe	3.13.6bs	All	All	All
Operating System	Cisco	los Xe	3.13.6s	All	All	All
Operating System	Cisco	los Xe	3.13.7as	All	All	All
Operating System	Cisco	los Xe	3.13.7s	All	All	All
Operating System	Cisco	los Xe	3.13.8s	All	All	All

Operating System	Cisco	ios Xe	3.13.9s	All	All	All
Operating System	Cisco	ios Xe	3.14.0s	All	All	All
Operating System	Cisco	ios Xe	3.14.1s	All	All	All
Operating System	Cisco	ios Xe	3.14.2s	All	All	All
Operating System	Cisco	ios Xe	3.14.3s	All	All	All
Operating System	Cisco	ios Xe	3.14.4s	All	All	All
Operating System	Cisco	ios Xe	3.15.0s	All	All	All
Operating System	Cisco	ios Xe	3.15.1cs	All	All	All
Operating System	Cisco	ios Xe	3.15.1s	All	All	All
Operating System	Cisco	ios Xe	3.15.1xbs	All	All	All
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Operating System	Cisco	ios Xe	3.15.2xbs	All	All	All
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Operating System	Cisco	ios Xe	3.15.4s	All	All	All
Operating System	Cisco	ios Xe	3.16.0as	All	All	All
Operating System	Cisco	ios Xe	3.16.0bs	All	All	All
Operating System	Cisco	ios Xe	3.16.0cs	All	All	All
Operating System	Cisco	ios Xe	3.16.0s	All	All	All
Operating System	Cisco	ios Xe	3.16.10as	All	All	All
Operating System	Cisco	ios Xe	3.16.10s	All	All	All
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Operating System	Cisco	ios Xe	3.16.1s	All	All	All
Operating System	Cisco	ios Xe	3.16.2as	All	All	All
Operating System	Cisco	ios Xe	3.16.2bs	All	All	All
Operating System	Cisco	ios Xe	3.16.2s	All	All	All
Operating System	Cisco	ios Xe	3.16.3as	All	All	All
Operating System	Cisco	ios Xe	3.16.3s	All	All	All
Operating System	Cisco	ios Xe	3.16.4as	All	All	All
Operating System	Cisco	ios Xe	3.16.4bs	All	All	All
Operating System	Cisco	ios Xe	3.16.4cs	All	All	All
Operating System	Cisco	ios Xe	3.16.4ds	All	All	All
Operating System	Cisco	ios Xe	3.16.4es	All	All	All
Operating System	Cisco	ios Xe	3.16.4gs	All	All	All
Operating System	Cisco	ios Xe	3.16.4s	All	All	All
Operating System	Cisco	ios Xe	3.16.5as	All	All	All
Operating System	Cisco	ios Xe	3.16.5bs	All	All	All

Operating System	Cisco	ios xe	3.16.5DS	All	All	All
Operating System	Cisco	ios Xe	3.16.5s	All	All	All
Operating System	Cisco	ios Xe	3.16.6bs	All	All	All
Operating System	Cisco	ios Xe	3.16.6s	All	All	All
Operating System	Cisco	ios Xe	3.16.7as	All	All	All
Operating System	Cisco	ios Xe	3.16.7bs	All	All	All
Operating System	Cisco	ios Xe	3.16.7s	All	All	All
Operating System	Cisco	ios Xe	3.16.8s	All	All	All
Operating System	Cisco	ios Xe	3.16.9s	All	All	All
Operating System	Cisco	ios Xe	3.17.0s	All	All	All
Operating System	Cisco	ios Xe	3.17.1as	All	All	All
Operating System	Cisco	ios Xe	3.17.1s	All	All	All
Operating System	Cisco	ios Xe	3.17.2s	All	All	All
Operating System	Cisco	ios Xe	3.17.3s	All	All	All
Operating System	Cisco	ios Xe	3.17.4s	All	All	All
Operating System	Cisco	ios Xe	3.18.0as	All	All	All
Operating System	Cisco	ios Xe	3.18.0s	All	All	All
Operating System	Cisco	ios Xe	3.18.0sp	All	All	All
Operating System	Cisco	ios Xe	3.18.1asp	All	All	All
Operating System	Cisco	ios Xe	3.18.1bsp	All	All	All
Operating System	Cisco	ios Xe	3.18.1csp	All	All	All
Operating System	Cisco	ios Xe	3.18.1gsp	All	All	All
Operating System	Cisco	ios Xe	3.18.1hsp	All	All	All
Operating System	Cisco	ios Xe	3.18.1isp	All	All	All
Operating System	Cisco	ios Xe	3.18.1s	All	All	All
Operating System	Cisco	ios Xe	3.18.1sp	All	All	All
Operating System	Cisco	ios Xe	3.18.2asp	All	All	All
Operating System	Cisco	ios Xe	3.18.2s	All	All	All
Operating System	Cisco	ios Xe	3.18.2sp	All	All	All
Operating System	Cisco	ios Xe	3.18.3asp	All	All	All
Operating System	Cisco	ios Xe	3.18.3bsp	All	All	All
Operating System	Cisco	ios Xe	3.18.3s	All	All	All
Operating System	Cisco	ios Xe	3.18.3sp	All	All	All
Operating System	Cisco	ios Xe	3.18.4s	All	All	All
Operating System	Cisco	ios Xe	3.18.4sp	All	All	All
Operating System	Cisco	ios Xe	3.18.5sp	All	All	All

Operating System	Cisco	ios Xe	3.18.6sp	All	All	All
Operating System	Cisco	ios Xe	3.18.7sp	All	All	All
Operating System	Cisco	ios Xe	3.18.8asp	All	All	All
Operating System	Cisco	ios Xe	3.18.8sp	All	All	All
Operating System	Cisco	ios Xe	3.7.0bs	All	All	All
Operating System	Cisco	ios Xe	3.7.0s	All	All	All
Operating System	Cisco	ios Xe	3.7.0xas	All	All	All
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Operating System	Cisco	ios Xe	3.7.1s	All	All	All
Operating System	Cisco	ios Xe	3.7.2s	All	All	All
Operating System	Cisco	ios Xe	3.7.2ts	All	All	All
Operating System	Cisco	ios Xe	3.7.3s	All	All	All
Operating System	Cisco	ios Xe	3.7.4as	All	All	All
Operating System	Cisco	ios Xe	3.7.4s	All	All	All
Operating System	Cisco	ios Xe	3.7.5s	All	All	All
Operating System	Cisco	ios Xe	3.7.6s	All	All	All
Operating System	Cisco	ios Xe	3.7.7s	All	All	All
Operating System	Cisco	ios Xe	3.7.8s	All	All	All
Operating System	Cisco	ios Xe	3.8.0s	All	All	All
Operating System	Cisco	ios Xe	3.8.1s	All	All	All
Operating System	Cisco	ios Xe	3.8.2s	All	All	All
Operating System	Cisco	ios Xe	3.9.0as	All	All	All
Operating System	Cisco	ios Xe	3.9.0s	All	All	All
Operating System	Cisco	ios Xe	3.9.0xas	All	All	All
Operating System	Cisco	ios Xe	3.9.1as	All	All	All
Operating System	Cisco	ios Xe	3.9.1s	All	All	All
Operating System	Cisco	ios Xe	3.9.2s	All	All	All

References						
Reference			Source	Link	Tags	
Cisco IOS XE Software Arbitrary Code Execution Vulnerability			CISCO	tools.cisco.com		
CVE Program record			CVE.ORG	www.cve.org	canonical	
NVD vulnerability detail			NVD	nvd.nist.gov	canonical, analysis	

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[316907](#) Cisco IOS XE Software Arbitrary Code Execution Vulnerability(cisco-sa-XE-ACE-75K3bRWe)

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