



CVE-2020-3207

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

Summary

CVE	CVE-2020-3207
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-03 18:15:00 UTC
Updated	2020-06-05 15:39:00 UTC
Description	A vulnerability in the processing of boot options of specific Cisco IOS XE Software switches could allow an authenticated, local user to execute arbitrary commands on the affected device. The vulnerability is due to a buffer overflow in the processing of boot options. An attacker could exploit this vulnerability to execute arbitrary commands on the affected device. The vulnerability is present in Cisco IOS XE Software versions 17.3(1) through 17.3(2) and 17.3(3) through 17.3(4).

Risk And Classification

Problem Types: CWE-78

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Catalyst 3650-12x48uq	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48ur	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48ur	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uz	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uz	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pd	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pd	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pdm	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pdm	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fq	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fq	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fqm	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fqm	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq	-	All	All	All
Hardware	Cisco	Catalyst 3850-24xs	-	All	All	All

Hardware	Cisco	Catalyst 3850-24xs	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs	-	All	All	All
Hardware	Cisco	Catalyst 3850-nm-2-40g	-	All	All	All
Hardware	Cisco	Catalyst 3850-nm-2-40g	-	All	All	All
Hardware	Cisco	Catalyst 3850-nm-8-10g	-	All	All	All
Hardware	Cisco	Catalyst 3850-nm-8-10g	-	All	All	All
Hardware	Cisco	Catalyst C9200-24p	-	All	All	All
Hardware	Cisco	Catalyst C9200-24p	-	All	All	All
Hardware	Cisco	Catalyst C9200-24t	-	All	All	All
Hardware	Cisco	Catalyst C9200-24t	-	All	All	All
Hardware	Cisco	Catalyst C9200-48p	-	All	All	All
Hardware	Cisco	Catalyst C9200-48p	-	All	All	All
Hardware	Cisco	Catalyst C9200-48t	-	All	All	All
Hardware	Cisco	Catalyst C9200-48t	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48pxg-4x	-	All	All	All

Hardware	Cisco	Catalyst C9200I-48t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300-24p	-	All	All	All
Hardware	Cisco	Catalyst C9300-24p	-	All	All	All
Hardware	Cisco	Catalyst C9300-24s	-	All	All	All
Hardware	Cisco	Catalyst C9300-24s	-	All	All	All
Hardware	Cisco	Catalyst C9300-24t	-	All	All	All
Hardware	Cisco	Catalyst C9300-24t	-	All	All	All
Hardware	Cisco	Catalyst C9300-24u	-	All	All	All
Hardware	Cisco	Catalyst C9300-24u	-	All	All	All
Hardware	Cisco	Catalyst C9300-24ux	-	All	All	All
Hardware	Cisco	Catalyst C9300-24ux	-	All	All	All
Hardware	Cisco	Catalyst C9300-48p	-	All	All	All
Hardware	Cisco	Catalyst C9300-48p	-	All	All	All
Hardware	Cisco	Catalyst C9300-48s	-	All	All	All
Hardware	Cisco	Catalyst C9300-48s	-	All	All	All
Hardware	Cisco	Catalyst C9300-48t	-	All	All	All
Hardware	Cisco	Catalyst C9300-48t	-	All	All	All
Hardware	Cisco	Catalyst C9300-48u	-	All	All	All
Hardware	Cisco	Catalyst C9300-48u	-	All	All	All
Hardware	Cisco	Catalyst C9300-48un	-	All	All	All
Hardware	Cisco	Catalyst C9300-48un	-	All	All	All
Hardware	Cisco	Catalyst C9300-48uxm	-	All	All	All
Hardware	Cisco	Catalyst C9300-48uxm	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48p-4g	-	All	All	All

Hardware	Cisco	Catalyst C9300I-48p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9500-12q	-	All	All	All
Hardware	Cisco	Catalyst C9500-12q	-	All	All	All
Hardware	Cisco	Catalyst C9500-16x	-	All	All	All
Hardware	Cisco	Catalyst C9500-16x	-	All	All	All
Hardware	Cisco	Catalyst C9500-24q	-	All	All	All
Hardware	Cisco	Catalyst C9500-24q	-	All	All	All
Hardware	Cisco	Catalyst C9500-24y4c	-	All	All	All
Hardware	Cisco	Catalyst C9500-24y4c	-	All	All	All
Hardware	Cisco	Catalyst C9500-32c	-	All	All	All
Hardware	Cisco	Catalyst C9500-32c	-	All	All	All
Hardware	Cisco	Catalyst C9500-32qc	-	All	All	All
Hardware	Cisco	Catalyst C9500-32qc	-	All	All	All
Hardware	Cisco	Catalyst C9500-40x	-	All	All	All
Hardware	Cisco	Catalyst C9500-40x	-	All	All	All
Hardware	Cisco	Catalyst C9500-48y4c	-	All	All	All
Hardware	Cisco	Catalyst C9500-48y4c	-	All	All	All
Operating System	Cisco	ios Xe	16.10.1	All	All	All
Operating System	Cisco	ios Xe	16.10.1e	All	All	All
Operating System	Cisco	ios Xe	16.10.1s	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	16.12.1	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	16.9.2	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	16.10.1	All	All	All
Operating System	Cisco	ios Xe	16.10.1e	All	All	All
Operating System	Cisco	ios Xe	16.10.1s	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	16.12.1	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	16.9.2	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

References

Reference	Source	Link	Tags
Cisco IOS XE Software Command Injection Vulnerability	CISCO	tools.cisco.com	Vendor Advisory
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.

There are currently no legacy QID mappings associated with this CVE.

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