



CVE-2020-3120

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-3120
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-02-05 18:15:00 UTC
Updated	2023-04-20 15:27:00 UTC
Description	A vulnerability in the Cisco Discovery Protocol implementation for Cisco FXOS Software, Cisco IOS XR Software, and Cisco

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Asr 9000v	-	All	All	All
Hardware	Cisco	Asr 9000v	-	All	All	All
Hardware	Cisco	Asr 9001	-	All	All	All
Hardware	Cisco	Asr 9001	-	All	All	All
Hardware	Cisco	Asr 9006	-	All	All	All
Hardware	Cisco	Asr 9006	-	All	All	All
Hardware	Cisco	Asr 9010	-	All	All	All
Hardware	Cisco	Asr 9010	-	All	All	All
Hardware	Cisco	Asr 9901	-	All	All	All
Hardware	Cisco	Asr 9901	-	All	All	All
Hardware	Cisco	Asr 9904	-	All	All	All
Hardware	Cisco	Asr 9904	-	All	All	All
Hardware	Cisco	Asr 9906	-	All	All	All
Hardware	Cisco	Asr 9906	-	All	All	All
Hardware	Cisco	Asr 9910	-	All	All	All
Hardware	Cisco	Asr 9910	-	All	All	All
Hardware	Cisco	Asr 9912	-	All	All	All

Hardware	Cisco	Asr 9912	-	All	All	All
Hardware	Cisco	Asr 9922	-	All	All	All
Hardware	Cisco	Asr 9922	-	All	All	All
Hardware	Cisco	Crs	-	All	All	All
Hardware	Cisco	Crs	-	All	All	All
Hardware	Cisco	Firepower 4110	-	All	All	All
Hardware	Cisco	Firepower 4110	-	All	All	All
Hardware	Cisco	Firepower 4115	-	All	All	All
Hardware	Cisco	Firepower 4115	-	All	All	All
Hardware	Cisco	Firepower 4120	-	All	All	All
Hardware	Cisco	Firepower 4120	-	All	All	All
Hardware	Cisco	Firepower 4125	-	All	All	All
Hardware	Cisco	Firepower 4125	-	All	All	All
Hardware	Cisco	Firepower 4140	-	All	All	All
Hardware	Cisco	Firepower 4140	-	All	All	All
Hardware	Cisco	Firepower 4145	-	All	All	All
Hardware	Cisco	Firepower 4145	-	All	All	All
Hardware	Cisco	Firepower 4150	-	All	All	All
Hardware	Cisco	Firepower 4150	-	All	All	All
Hardware	Cisco	Firepower 9300	-	All	All	All
Hardware	Cisco	Firepower 9300	-	All	All	All
Operating System	Cisco	Firepower Extensible Operating System	All	All	All	All
Operating System	Cisco	Firepower Extensible Operating System	All	All	All	All
Operating System	Cisco	Fxos	All	All	All	All
Operating System	Cisco	Fxos	2.4	All	All	All
Operating System	Cisco	Fxos	All	All	All	All
Operating System	Cisco	Fxos	2.4	All	All	All
Operating System	Cisco	Fxos	All	All	All	All
Operating System	Cisco	ios Xr	5.2.5	All	All	All
Operating System	Cisco	ios Xr	6.4.2	All	All	All
Operating System	Cisco	ios Xr	6.5.3	All	All	All
Operating System	Cisco	ios Xr	6.6.25	All	All	All
Operating System	Cisco	ios Xr	7.0.1	All	All	All
Operating System	Cisco	ios Xr	5.2.5	All	All	All
Operating System	Cisco	ios Xr	6.4.2	All	All	All

Operating System	Cisco	ios Xr	6.5.3	All	All	All
Operating System	Cisco	ios Xr	6.6.25	All	All	All
Operating System	Cisco	ios Xr	7.0.1	All	All	All
Hardware	Cisco	Mds 9132t	-	All	All	All
Hardware	Cisco	Mds 9132t	-	All	All	All
Hardware	Cisco	Mds 9148s	-	All	All	All
Hardware	Cisco	Mds 9148s	-	All	All	All
Hardware	Cisco	Mds 9148t	-	All	All	All
Hardware	Cisco	Mds 9148t	-	All	All	All
Hardware	Cisco	Mds 9216	-	All	All	All
Hardware	Cisco	Mds 9216	-	All	All	All
Hardware	Cisco	Mds 9216a	-	All	All	All
Hardware	Cisco	Mds 9216a	-	All	All	All
Hardware	Cisco	Mds 9216i	-	All	All	All
Hardware	Cisco	Mds 9216i	-	All	All	All
Hardware	Cisco	Mds 9222i	-	All	All	All
Hardware	Cisco	Mds 9222i	-	All	All	All
Hardware	Cisco	Mds 9506	-	All	All	All
Hardware	Cisco	Mds 9506	-	All	All	All
Hardware	Cisco	Mds 9509	-	All	All	All
Hardware	Cisco	Mds 9509	-	All	All	All
Hardware	Cisco	Mds 9513	-	All	All	All
Hardware	Cisco	Mds 9513	-	All	All	All
Hardware	Cisco	Mds 9706	-	All	All	All
Hardware	Cisco	Mds 9706	-	All	All	All
Hardware	Cisco	Mds 9710	-	All	All	All
Hardware	Cisco	Mds 9710	-	All	All	All
Hardware	Cisco	Mds 9718	-	All	All	All
Hardware	Cisco	Mds 9718	-	All	All	All
Hardware	Cisco	Ncs 5001	-	All	All	All
Hardware	Cisco	Ncs 5001	-	All	All	All
Hardware	Cisco	Ncs 5002	-	All	All	All
Hardware	Cisco	Ncs 5002	-	All	All	All
Hardware	Cisco	Ncs 5011	-	All	All	All
Hardware	Cisco	Ncs 5011	-	All	All	All

Hardware	Cisco	Ncs 540-12z20g-sys-a	-	All	All	All
Hardware	Cisco	Ncs 540-12z20g-sys-a	-	All	All	All
Hardware	Cisco	Ncs 540-12z20g-sys-d	-	All	All	All
Hardware	Cisco	Ncs 540-12z20g-sys-d	-	All	All	All
Hardware	Cisco	Ncs 540-24z8q2c-sys	-	All	All	All
Hardware	Cisco	Ncs 540-24z8q2c-sys	-	All	All	All
Hardware	Cisco	Ncs 540-28z4c-sys-a	-	All	All	All
Hardware	Cisco	Ncs 540-28z4c-sys-a	-	All	All	All
Hardware	Cisco	Ncs 540-28z4c-sys-d	-	All	All	All
Hardware	Cisco	Ncs 540-28z4c-sys-d	-	All	All	All
Hardware	Cisco	Ncs 540-acc-sys	-	All	All	All
Hardware	Cisco	Ncs 540-acc-sys	-	All	All	All
Hardware	Cisco	Ncs 540l	-	All	All	All
Hardware	Cisco	Ncs 540l	-	All	All	All
Hardware	Cisco	Ncs 540x-12z16g-sys-a	-	All	All	All
Hardware	Cisco	Ncs 540x-12z16g-sys-a	-	All	All	All
Hardware	Cisco	Ncs 540x-12z16g-sys-d	-	All	All	All
Hardware	Cisco	Ncs 540x-12z16g-sys-d	-	All	All	All
Hardware	Cisco	Ncs 540x-16z4g8q2c-a	-	All	All	All
Hardware	Cisco	Ncs 540x-16z4g8q2c-a	-	All	All	All
Hardware	Cisco	Ncs 540x-16z4g8q2c-d	-	All	All	All
Hardware	Cisco	Ncs 540x-16z4g8q2c-d	-	All	All	All
Hardware	Cisco	Ncs 540x-acc-sys	-	All	All	All
Hardware	Cisco	Ncs 540x-acc-sys	-	All	All	All
Hardware	Cisco	Ncs 5501	-	All	All	All
Hardware	Cisco	Ncs 5501	-	All	All	All
Hardware	Cisco	Ncs 5501-se	-	All	All	All
Hardware	Cisco	Ncs 5501-se	-	All	All	All
Hardware	Cisco	Ncs 5502	-	All	All	All
Hardware	Cisco	Ncs 5502	-	All	All	All
Hardware	Cisco	Ncs 5502-se	-	All	All	All
Hardware	Cisco	Ncs 5502-se	-	All	All	All
Hardware	Cisco	Ncs 5508	-	All	All	All
Hardware	Cisco	Ncs 5508	-	All	All	All
Hardware	Cisco	Ncs 5516	-	All	All	All
Hardware	Cisco	Ncs 5516	-	All	All	All

Hardware	Cisco	Ncs 560	-	All	All	All
Hardware	Cisco	Ncs 560	-	All	All	All
Hardware	Cisco	Ncs 6000	-	All	All	All
Hardware	Cisco	Ncs 6000	-	All	All	All
Hardware	Cisco	Nexus 1000v	-	All	All	All
Hardware	Cisco	Nexus 1000v	-	All	All	All
Hardware	Cisco	Nexus 1000v	-	All	All	All
Hardware	Cisco	Nexus 1000v	-	All	All	All
Hardware	Cisco	Nexus 1000ve	-	All	All	All
Hardware	Cisco	Nexus 1000ve	-	All	All	All
Hardware	Cisco	Nexus 3016	-	All	All	All
Hardware	Cisco	Nexus 3016	-	All	All	All
Hardware	Cisco	Nexus 3048	-	All	All	All
Hardware	Cisco	Nexus 3048	-	All	All	All
Hardware	Cisco	Nexus 3064	-	All	All	All
Hardware	Cisco	Nexus 3064	-	All	All	All
Hardware	Cisco	Nexus 3064-t	-	All	All	All
Hardware	Cisco	Nexus 3064-t	-	All	All	All
Hardware	Cisco	Nexus 31108pc-v	-	All	All	All
Hardware	Cisco	Nexus 31108pc-v	-	All	All	All
Hardware	Cisco	Nexus 31108tc-v	-	All	All	All
Hardware	Cisco	Nexus 31108tc-v	-	All	All	All
Hardware	Cisco	Nexus 31128pq	-	All	All	All
Hardware	Cisco	Nexus 31128pq	-	All	All	All
Hardware	Cisco	Nexus 3132c-z	-	All	All	All
Hardware	Cisco	Nexus 3132c-z	-	All	All	All
Hardware	Cisco	Nexus 3132q	-	All	All	All
Hardware	Cisco	Nexus 3132q	-	All	All	All
Hardware	Cisco	Nexus 3132q-v	-	All	All	All
Hardware	Cisco	Nexus 3132q-v	-	All	All	All
Hardware	Cisco	Nexus 3132q-xl	-	All	All	All
Hardware	Cisco	Nexus 3132q-xl	-	All	All	All
Hardware	Cisco	Nexus 3164q	-	All	All	All
Hardware	Cisco	Nexus 3164q	-	All	All	All
Hardware	Cisco	Nexus 3172	-	All	All	All

Hardware	Cisco	Nexus 3172	-	All	All	All
Hardware	Cisco	Nexus 3172pq-xl	-	All	All	All
Hardware	Cisco	Nexus 3172pq-xl	-	All	All	All
Hardware	Cisco	Nexus 3172tq	-	All	All	All
Hardware	Cisco	Nexus 3172tq	-	All	All	All
Hardware	Cisco	Nexus 3172tq-32t	-	All	All	All
Hardware	Cisco	Nexus 3172tq-32t	-	All	All	All
Hardware	Cisco	Nexus 3172tq-xl	-	All	All	All
Hardware	Cisco	Nexus 3172tq-xl	-	All	All	All
Hardware	Cisco	Nexus 3232c	-	All	All	All
Hardware	Cisco	Nexus 3232c	-	All	All	All
Hardware	Cisco	Nexus 3264c-e	-	All	All	All
Hardware	Cisco	Nexus 3264c-e	-	All	All	All
Hardware	Cisco	Nexus 3264q	-	All	All	All
Hardware	Cisco	Nexus 3264q	-	All	All	All
Hardware	Cisco	Nexus 3408-s	-	All	All	All
Hardware	Cisco	Nexus 3408-s	-	All	All	All
Hardware	Cisco	Nexus 34180yc	-	All	All	All
Hardware	Cisco	Nexus 34180yc	-	All	All	All
Hardware	Cisco	Nexus 3432d-s	-	All	All	All
Hardware	Cisco	Nexus 3432d-s	-	All	All	All
Hardware	Cisco	Nexus 3464c	-	All	All	All
Hardware	Cisco	Nexus 3464c	-	All	All	All
Hardware	Cisco	Nexus 3524	-	All	All	All
Hardware	Cisco	Nexus 3524	-	All	All	All
Hardware	Cisco	Nexus 3524-x	-	All	All	All
Hardware	Cisco	Nexus 3524-x	-	All	All	All
Hardware	Cisco	Nexus 3524-xl	-	All	All	All
Hardware	Cisco	Nexus 3524-xl	-	All	All	All
Hardware	Cisco	Nexus 3548	-	All	All	All
Hardware	Cisco	Nexus 3548	-	All	All	All
Hardware	Cisco	Nexus 3548-x	-	All	All	All
Hardware	Cisco	Nexus 3548-x	-	All	All	All
Hardware	Cisco	Nexus 3548-xl	-	All	All	All
Hardware	Cisco	Nexus 3548-xl	-	All	All	All
Hardware	Cisco	Nexus 36180yc	-	All	All	All

Hardware	Cisco	Nexus 36180yc-r	-	All	All	All
Hardware	Cisco	Nexus 36180yc-r	-	All	All	All
Hardware	Cisco	Nexus 3636c-r	-	All	All	All
Hardware	Cisco	Nexus 3636c-r	-	All	All	All
Hardware	Cisco	Nexus 5548p	-	All	All	All
Hardware	Cisco	Nexus 5548p	-	All	All	All
Hardware	Cisco	Nexus 5548up	-	All	All	All
Hardware	Cisco	Nexus 5548up	-	All	All	All
Hardware	Cisco	Nexus 5596t	-	All	All	All
Hardware	Cisco	Nexus 5596t	-	All	All	All
Hardware	Cisco	Nexus 5596up	-	All	All	All
Hardware	Cisco	Nexus 5596up	-	All	All	All
Hardware	Cisco	Nexus 56128p	-	All	All	All
Hardware	Cisco	Nexus 56128p	-	All	All	All
Hardware	Cisco	Nexus 5624q	-	All	All	All
Hardware	Cisco	Nexus 5624q	-	All	All	All
Hardware	Cisco	Nexus 5648q	-	All	All	All
Hardware	Cisco	Nexus 5648q	-	All	All	All
Hardware	Cisco	Nexus 5672up	-	All	All	All
Hardware	Cisco	Nexus 5672up	-	All	All	All
Hardware	Cisco	Nexus 5696q	-	All	All	All
Hardware	Cisco	Nexus 5696q	-	All	All	All
Hardware	Cisco	Nexus 7000	-	All	All	All
Hardware	Cisco	Nexus 7000	-	All	All	All
Hardware	Cisco	Nexus 7700	-	All	All	All
Hardware	Cisco	Nexus 7700	-	All	All	All
Hardware	Cisco	Nexus 9000v	-	All	All	All
Hardware	Cisco	Nexus 9000v	-	All	All	All
Hardware	Cisco	Nexus 92160yc-x	-	All	All	All
Hardware	Cisco	Nexus 92160yc-x	-	All	All	All
Hardware	Cisco	Nexus 92300yc	-	All	All	All
Hardware	Cisco	Nexus 92300yc	-	All	All	All
Hardware	Cisco	Nexus 92304qc	-	All	All	All
Hardware	Cisco	Nexus 92304qc	-	All	All	All
Hardware	Cisco	Nexus 92348gc-x	-	All	All	All
Hardware	Cisco	Nexus 92348gc-x	-	All	All	All

Hardware	Cisco	Nexus 9236c	-	All	All	All
Hardware	Cisco	Nexus 9236c	-	All	All	All
Hardware	Cisco	Nexus 9272q	-	All	All	All
Hardware	Cisco	Nexus 9272q	-	All	All	All
Hardware	Cisco	Nexus 93108tc-ex	-	All	All	All
Hardware	Cisco	Nexus 93108tc-ex	-	All	All	All
Hardware	Cisco	Nexus 93108tc-fx	-	All	All	All
Hardware	Cisco	Nexus 93108tc-fx	-	All	All	All
Hardware	Cisco	Nexus 93120tx	-	All	All	All
Hardware	Cisco	Nexus 93120tx	-	All	All	All
Hardware	Cisco	Nexus 93128tx	-	All	All	All
Hardware	Cisco	Nexus 93128tx	-	All	All	All
Hardware	Cisco	Nexus 93180lc-ex	-	All	All	All
Hardware	Cisco	Nexus 93180lc-ex	-	All	All	All
Hardware	Cisco	Nexus 93180yc-ex	-	All	All	All
Hardware	Cisco	Nexus 93180yc-ex	-	All	All	All
Hardware	Cisco	Nexus 93180yc-fx	-	All	All	All
Hardware	Cisco	Nexus 93180yc-fx	-	All	All	All
Hardware	Cisco	Nexus 93216tc-fx2	-	All	All	All
Hardware	Cisco	Nexus 93216tc-fx2	-	All	All	All
Hardware	Cisco	Nexus 93240yc-fx2	-	All	All	All
Hardware	Cisco	Nexus 93240yc-fx2	-	All	All	All
Hardware	Cisco	Nexus 9332c	-	All	All	All
Hardware	Cisco	Nexus 9332c	-	All	All	All
Hardware	Cisco	Nexus 9332pq	-	All	All	All
Hardware	Cisco	Nexus 9332pq	-	All	All	All
Hardware	Cisco	Nexus 93360yc-fx2	-	All	All	All
Hardware	Cisco	Nexus 93360yc-fx2	-	All	All	All
Hardware	Cisco	Nexus 9336c-fx2	-	All	All	All
Hardware	Cisco	Nexus 9336c-fx2	-	All	All	All
Hardware	Cisco	Nexus 9336pq Aci Spine	-	All	All	All
Hardware	Cisco	Nexus 9336pq Aci Spine	-	All	All	All
Hardware	Cisco	Nexus 9348gc-fxp	-	All	All	All
Hardware	Cisco	Nexus 9348gc-fxp	-	All	All	All
Hardware	Cisco	Nexus 9364c	-	All	All	All

Hardware	Cisco	Nexus 9364c	-	All	All	All
Hardware	Cisco	Nexus 9372px	-	All	All	All
Hardware	Cisco	Nexus 9372px	-	All	All	All
Hardware	Cisco	Nexus 9372px-e	-	All	All	All
Hardware	Cisco	Nexus 9372px-e	-	All	All	All
Hardware	Cisco	Nexus 9372tx	-	All	All	All
Hardware	Cisco	Nexus 9372tx	-	All	All	All
Hardware	Cisco	Nexus 9372tx-e	-	All	All	All
Hardware	Cisco	Nexus 9372tx-e	-	All	All	All
Hardware	Cisco	Nexus 9396px	-	All	All	All
Hardware	Cisco	Nexus 9396px	-	All	All	All
Hardware	Cisco	Nexus 9396tx	-	All	All	All
Hardware	Cisco	Nexus 9396tx	-	All	All	All
Hardware	Cisco	Nexus 9504	-	All	All	All
Hardware	Cisco	Nexus 9504	-	All	All	All
Hardware	Cisco	Nexus 9508	-	All	All	All
Hardware	Cisco	Nexus 9508	-	All	All	All
Hardware	Cisco	Nexus 9516	-	All	All	All
Hardware	Cisco	Nexus 9516	-	All	All	All
Operating System	Cisco	Nx-os	All	All	All	All
Operating System	Cisco	Nx-os	All	All	All	All
Operating System	Cisco	Nx-os	All	All	All	All
Hardware	Cisco	Ucs 6248up	-	All	All	All
Hardware	Cisco	Ucs 6248up	-	All	All	All
Hardware	Cisco	Ucs 6296up	-	All	All	All
Hardware	Cisco	Ucs 6296up	-	All	All	All
Hardware	Cisco	Ucs 6300	-	All	All	All
Hardware	Cisco	Ucs 6300	-	All	All	All
Hardware	Cisco	Ucs 6324	-	All	All	All
Hardware	Cisco	Ucs 6324	-	All	All	All
Hardware	Cisco	Ucs 64108	-	All	All	All
Hardware	Cisco	Ucs 64108	-	All	All	All
Hardware	Cisco	Ucs 6454	-	All	All	All
Hardware	Cisco	Ucs 6454	-	All	All	All
Application	Cisco	Ucs Manager	All	All	All	All
Application	Cisco	Ucs Manager	All	All	All	All

Application	CISCO	UCS Manager	All	All	All	All
Hardware	Cisco	Xrv 9000	-	All	All	All
Hardware	Cisco	Xrv 9000	-	All	All	All

References

Reference	Source	Link
Cisco Discovery Protocol (CDP) Remote Device Takeover ≈ Packet Storm	MISC	packetstormsecurity.com
Cisco FXOS, IOS XR, and NX-OS Software Cisco Discovery Protocol Denial of Service Vulnerability	CISCO	tools.cisco.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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