



CVE-2021-27853

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

Summary

CVE	CVE-2021-27853
State	PUBLIC
Assigner	cert@cert.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-27 18:15:00 UTC
Updated	2022-11-16 17:26:00 UTC
Description	Layer 2 network filtering capabilities such as IPv6 RA guard or ARP inspection can be bypassed using combinations of VLA

Risk And Classification

Problem Types: CWE-290

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Catalyst 3650-12x48fd-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48fd-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48fd-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48ur-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48ur-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48ur-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uz-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uz-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uz-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pd-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pdm-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pdm-l	-	All	All	All

Hardware	Cisco	Catalyst 3650-24pdm-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-24ps-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-24ps-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-24ps-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-24td-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-24td-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-24td-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-24ts-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-24ts-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-24ts-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fd-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fd-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fd-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fqm-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fqm-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fqm-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fs-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fs-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fs-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48pd-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48pq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48pq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48pq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48tq-e	-	All	All	All

Hardware	Cisco	Catalyst 3650-48tq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48tq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24pd-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-12s-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-12s-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-12xs-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-12xs-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-16xs-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-16xs-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-24p-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-24p-l	-	All	All	All
Hardware	Cisco	Catalyst 3850-24pw-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-24s-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-24s-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-24t-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-24t-l	-	All	All	All
Hardware	Cisco	Catalyst 3850-24t-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-24u-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-24u-l	-	All	All	All
Hardware	Cisco	Catalyst 3850-24u-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-24xs-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-24xs-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-24xu-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-24xu-l	-	All	All	All
Hardware	Cisco	Catalyst 3850-24xu-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-32xs-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-32xs-s	-	All	All	All

Hardware	Cisco	Catalyst 3850-48t-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48f-l	-	All	All	All
Hardware	Cisco	Catalyst 3850-48f-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48p-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48p-l	-	All	All	All
Hardware	Cisco	Catalyst 3850-48p-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48pw-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48t-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48t-l	-	All	All	All
Hardware	Cisco	Catalyst 3850-48t-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48u-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48u-l	-	All	All	All
Hardware	Cisco	Catalyst 3850-48u-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-f-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-f-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-s	-	All	All	All
Hardware	Cisco	Catalyst 6503-e	-	All	All	All
Operating System	Cisco	Catalyst 6503-e Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6504-e	-	All	All	All
Operating System	Cisco	Catalyst 6504-e Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6506-e	-	All	All	All
Operating System	Cisco	Catalyst 6506-e Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6509-e	-	All	All	All
Operating System	Cisco	Catalyst 6509-e Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6509-neb-a	-	All	All	All
Operating System	Cisco	Catalyst 6509-neb-a Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6509-v-e	-	All	All	All
Operating System	Cisco	Catalyst 6509-v-e Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6513-e	-	All	All	All
Operating System	Cisco	Catalyst 6513-e Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6800ia	-	All	All	All
Operating System	Cisco	Catalyst 6800ia Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6807-xl	-	All	All	All
Operating System	Cisco	Catalyst 6807-xl Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6840-x	-	All	All	All

Operating System	Cisco	Catalyst 6840-x Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 6880-x	-	All	All	All
Operating System	Cisco	Catalyst 6880-x Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst 9200	-	All	All	All
Hardware	Cisco	Catalyst 9200cx	-	All	All	All
Hardware	Cisco	Catalyst 9200l	-	All	All	All
Hardware	Cisco	Catalyst 9300	-	All	All	All
Hardware	Cisco	Catalyst 9300l	-	All	All	All
Hardware	Cisco	Catalyst 9300lm	-	All	All	All
Hardware	Cisco	Catalyst 9300x	-	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 9600x	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-e	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-l	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-s	-	All	All	All
Hardware	Cisco	Catalyst C6816-x-le	-	All	All	All
Operating System	Cisco	Catalyst C6816-x-le Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst C6824-x-le-40g	-	All	All	All
Operating System	Cisco	Catalyst C6824-x-le-40g Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst C6832-x-le	-	All	All	All
Operating System	Cisco	Catalyst C6832-x-le Firmware	15.5(01.01.85)sy07	All	All	All
Hardware	Cisco	Catalyst C6840-x-le-40g	-	All	All	All
Operating System	Cisco	Catalyst C6840-x-le-40g Firmware	15.5(01.01.85)sy07	All	All	All
Application	Cisco	ios Xe	15.2(07)e02	All	All	All
Application	Cisco	ios Xe	15.2(07)e03	All	All	All
Application	Cisco	ios Xe	17.3.3	All	All	All
Application	Cisco	ios Xe	17.4.1	All	All	All
Application	Cisco	ios Xe	17.6.1	All	All	All
Operating System	Cisco	ios Xe	15.2(07)e02	All	All	All
Operating System	Cisco	ios Xe	15.2(07)e03	All	All	All
Operating System	Cisco	ios Xe	17.4.1	All	All	All
Operating System	Cisco	ios Xe	17.6.1	All	All	All

Hardware	Cisco	Meraki Ms210	-	All	All	All
Operating System	Cisco	Meraki Ms210 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms225	-	All	All	All
Operating System	Cisco	Meraki Ms225 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms250	-	All	All	All
Operating System	Cisco	Meraki Ms250 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms350	-	All	All	All
Operating System	Cisco	Meraki Ms350 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms355	-	All	All	All
Operating System	Cisco	Meraki Ms355 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms390	-	All	All	All
Operating System	Cisco	Meraki Ms390 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms410	-	All	All	All
Operating System	Cisco	Meraki Ms410 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms420	-	All	All	All
Operating System	Cisco	Meraki Ms420 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms425	-	All	All	All
Operating System	Cisco	Meraki Ms425 Firmware	-	All	All	All
Hardware	Cisco	Meraki Ms450	-	All	All	All
Operating System	Cisco	Meraki Ms450 Firmware	-	All	All	All
Hardware	Cisco	N9k-c9316d-gx	-	All	All	All
Operating System	Cisco	N9k-c9316d-gx Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-c9332d-gx2b	-	All	All	All
Operating System	Cisco	N9k-c9332d-gx2b Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-c9348d-gx2a	-	All	All	All
Operating System	Cisco	N9k-c9348d-gx2a Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-c93600cd-gx	-	All	All	All
Operating System	Cisco	N9k-c93600cd-gx Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-c9364d-gx2a	-	All	All	All
Operating System	Cisco	N9k-c9364d-gx2a Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9432c-s	-	All	All	All
Operating System	Cisco	N9k-x9432c-s Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9464px	-	All	All	All
Operating System	Cisco	N9k-x9464px Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9464tx2	-	All	All	All
Operating System	Cisco	N9k-x9464tx2 Firmware	9.3(5)	All	All	All

Operating System	Cisco	N9k-x9404ix2 Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9564px	-	All	All	All
Operating System	Cisco	N9k-x9564px Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9564tx	-	All	All	All
Operating System	Cisco	N9k-x9564tx Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9636c-r	-	All	All	All
Hardware	Cisco	N9k-x9636c-rx	-	All	All	All
Operating System	Cisco	N9k-x9636c-rx Firmware	9.3(5)	All	All	All
Operating System	Cisco	N9k-x9636c-r Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x97160yc-ex	-	All	All	All
Operating System	Cisco	N9k-x97160yc-ex Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9732c-ex	-	All	All	All
Operating System	Cisco	N9k-x9732c-ex Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9732c-fx	-	All	All	All
Operating System	Cisco	N9k-x9732c-fx Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9736c-ex	-	All	All	All
Operating System	Cisco	N9k-x9736c-ex Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9736c-fx	-	All	All	All
Operating System	Cisco	N9k-x9736c-fx Firmware	9.3(5)	All	All	All
Hardware	Cisco	N9k-x9788tc-fx	-	All	All	All
Operating System	Cisco	N9k-x9788tc-fx Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 92160yc-x	-	All	All	All
Operating System	Cisco	Nexus 92160yc-x Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 92300yc	-	All	All	All
Operating System	Cisco	Nexus 92300yc Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 92304qc	-	All	All	All
Operating System	Cisco	Nexus 92304qc Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 92348gc-x	-	All	All	All
Operating System	Cisco	Nexus 92348gc-x Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9236c	-	All	All	All
Operating System	Cisco	Nexus 9236c Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9272q	-	All	All	All
Operating System	Cisco	Nexus 9272q Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 93108tc-ex	-	All	All	All
Operating System	Cisco	Nexus 93108tc-ex Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 93108tc-fx	-	All	All	All

Hardware	Cisco	Nexus 93108tc-fx3p	-	All	All	All
Operating System	Cisco	Nexus 93108tc-fx3p Firmware	9.3(5)	All	All	All
Operating System	Cisco	Nexus 93108tc-fx Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 93120tx	-	All	All	All
Operating System	Cisco	Nexus 93120tx Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 93180yc-ex	-	All	All	All
Operating System	Cisco	Nexus 93180yc-ex Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 93180yc-fx	-	All	All	All
Hardware	Cisco	Nexus 93180yc-fx3	-	All	All	All
Operating System	Cisco	Nexus 93180yc-fx3 Firmware	9.3(5)	All	All	All
Operating System	Cisco	Nexus 93180yc-fx Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 93216tc-fx2	-	All	All	All
Operating System	Cisco	Nexus 93216tc-fx2 Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 93240yc-fx2	-	All	All	All
Operating System	Cisco	Nexus 93240yc-fx2 Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9332c	-	All	All	All
Operating System	Cisco	Nexus 9332c Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 93360yc-fx2	-	All	All	All
Operating System	Cisco	Nexus 93360yc-fx2 Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9336c-fx2	-	All	All	All
Hardware	Cisco	Nexus 9336c-fx2-e	-	All	All	All
Operating System	Cisco	Nexus 9336c-fx2-e Firmware	9.3(5)	All	All	All
Operating System	Cisco	Nexus 9336c-fx2 Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9348gc-fxp	-	All	All	All
Operating System	Cisco	Nexus 9348gc-fxp Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9364c	-	All	All	All
Hardware	Cisco	Nexus 9364c-gx	-	All	All	All
Operating System	Cisco	Nexus 9364c-gx Firmware	9.3(5)	All	All	All
Operating System	Cisco	Nexus 9364c Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9432pq	-	All	All	All
Operating System	Cisco	Nexus 9432pq Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9504	-	All	All	All
Operating System	Cisco	Nexus 9504 Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9508	-	All	All	All
Operating System	Cisco	Nexus 9508 Firmware	9.3(5)	All	All	All

Hardware	Cisco	Nexus 9516	-	All	All	All
Operating System	Cisco	Nexus 9516 Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9536pq	-	All	All	All
Operating System	Cisco	Nexus 9536pq Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9636pq	-	All	All	All
Operating System	Cisco	Nexus 9636pq Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9716d-gx	-	All	All	All
Operating System	Cisco	Nexus 9716d-gx Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9736pq	-	All	All	All
Operating System	Cisco	Nexus 9736pq Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus 9800	-	All	All	All
Operating System	Cisco	Nexus 9800 Firmware	9.3(5)	All	All	All
Hardware	Cisco	Nexus X9636q-r	-	All	All	All
Operating System	Cisco	Nexus X9636q-r Firmware	9.3(5)	All	All	All
Hardware	Cisco	Sf-500-24mp	-	All	All	All
Operating System	Cisco	Sf-500-24mp Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sf500-18p	-	All	All	All
Operating System	Cisco	Sf500-18p Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sf500-24	-	All	All	All
Hardware	Cisco	Sf500-24p	-	All	All	All
Operating System	Cisco	Sf500-24p Firmware	3.0.0.61	All	All	All
Operating System	Cisco	Sf500-24 Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sf500-48	-	All	All	All
Hardware	Cisco	Sf500-48mp	-	All	All	All
Operating System	Cisco	Sf500-48mp Firmware	3.0.0.61	All	All	All
Operating System	Cisco	Sf500-48 Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sg500-28	-	All	All	All
Hardware	Cisco	Sg500-28mpp	-	All	All	All
Operating System	Cisco	Sg500-28mpp Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sg500-28p	-	All	All	All
Operating System	Cisco	Sg500-28p Firmware	3.0.0.61	All	All	All
Operating System	Cisco	Sg500-28 Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sg500-52	-	All	All	All
Hardware	Cisco	Sg500-52mp	-	All	All	All
Operating System	Cisco	Sg500-52mp Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sg500-52p	-	All	All	All

Hardware	Cisco	Sg500-52p	-	All	All	All
Operating System	Cisco	Sg500-52p Firmware	3.0.0.61	All	All	All
Operating System	Cisco	Sg500-52 Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sg500x-24	-	All	All	All
Hardware	Cisco	Sg500x-24mpp	-	All	All	All
Operating System	Cisco	Sg500x-24mpp Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sg500x-24p	-	All	All	All
Operating System	Cisco	Sg500x-24p Firmware	3.0.0.61	All	All	All
Operating System	Cisco	Sg500x-24 Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sg500x-48	-	All	All	All
Hardware	Cisco	Sg500x-48mpp	-	All	All	All
Operating System	Cisco	Sg500x-48mpp Firmware	3.0.0.61	All	All	All
Hardware	Cisco	Sg500x-48p	-	All	All	All
Operating System	Cisco	Sg500x-48p Firmware	3.0.0.61	All	All	All
Operating System	Cisco	Sg500x-48 Firmware	3.0.0.61	All	All	All
Application	ieee	ieee 802.2	All	All	All	All
Application	ietf	P802.1q	All	All	All	All

References

Reference	Source	Link
20220927 Vulnerabilities in Layer 2 Network Security Controls Affecting Cisco Products: September 2022	CISCO	tools.cisco.com
IEEE SA - IEEE/ISO 802.2-1989	CONFIRM	standards.ieee.org
VU#855201 - L2 network security controls can be bypassed using VLAN 0 stacking and/or 802.3 headers	MISC	kb.cert.org
draft-ietf-v6ops-ra-guard-08 - IPv6 Router Advertisement Guard	CONFIRM	datatracker.ietf.org
Layer 2 network security bypass using VLAN 0, LLC/SNAP headers and invalid length blog.champtar.fr	MISC	blog.champtar.fr
IEEE SA - IEEE P802.1Q	CONFIRM	standards.ieee.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

LEGACY: Etienne Champetier (@champtar) <champetier.etienne@gmail.com>

Legacy QID Mappings

[317246](#) Cisco Small Business Switches Bypass Configured First-hop Security (FHS) Vulnerability (cisco-sa-VU855201-J3z8CKTX)

[317249](#) Cisco Nexus Operating System (NX-OS) Software Switches Bypass Configured First-hop Security (FHS) Vulnerability (cisco-sa-

317250 Cisco Nexus Operating System (NX-OS) Software Switches Bypass Configured First-hop Security (FHS) Vulnerability (cisco-sa-VU855201-J3z8CKTX)
317251 Cisco Industrial Ethernet Switches Bypass Configured First-hop Security (FHS) Vulnerability (cisco-sa-VU855201-J3z8CKTX)
317252 Cisco Catalyst 6500 and 6800 Series Switches Bypass Configured First-hop Security (FHS) Vulnerability (cisco-sa-VU855201-J3z8CKTX)
317262 Cisco Catalyst 4500 Internetwork Operating System (IOS) -XE Switches Bypass Configured First-hop Security (FHS) Vulnerability (cisco-sa-VU855201-J3z8CKTX)
317263 Cisco Internetwork Operating System (IOS) XE Switches Bypass Configured First-hop Security (FHS) Vulnerability (cisco-sa-VU855201-J3z8CKTX)
317264 Cisco Internetwork Operating System (IOS) XE Switches Bypass Configured First-hop Security (FHS) Vulnerability (cisco-sa-VU855201-J3z8CKTX) (CSCwb01481)
43997 Arista EOS Multiple Vulnerabilities (SA0080)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)