



CVE-2023-20086

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

Summary

CVE	CVE-2023-20086
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-11-01 17:15:00 UTC
Updated	2024-01-25 17:15:00 UTC
Description	A vulnerability in ICMPv6 processing of Cisco Adaptive Security Appliance (ASA) Software and Cisco Firepower Threat Def

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	Adaptive Security Appliance Software	9.12.1	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.1.2	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.1.3	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.2	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.2.1	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.2.4	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.2.5	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.2.9	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.3	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.3.12	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.3.2	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.3.7	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.3.9	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.10	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.13	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.18	All	All	All

[illegible]

[illegible]

Operating System	Cisco	Adaptive Security Appliance Software	9.8.3.21	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.3.26	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.3.29	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.3.8	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.10	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.12	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.15	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.17	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.20	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.22	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.25	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.26	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.29	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.3	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.32	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.33	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.34	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.35	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.39	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.40	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.41	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.43	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.44	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.45	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.46	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.48	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.7	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8.4.8	All	All	All
Application	Cisco	Firepower Threat Defense	6.2.3	All	All	All
Application	Cisco	Firepower Threat Defense	6.2.3.1	All	All	All
Application	Cisco	Firepower Threat Defense	6.2.3.10	All	All	All
Application	Cisco	Firepower Threat Defense	6.2.3.11	All	All	All
Application	Cisco	Firepower Threat Defense	6.2.3.12	All	All	All
Application	Cisco	Firepower Threat Defense	6.2.3.13	All	All	All

Application	Cisco	Firepower Threat Defense	6.6.5	All	All	All
Application	Cisco	Firepower Threat Defense	6.6.5.1	All	All	All
Application	Cisco	Firepower Threat Defense	6.6.5.2	All	All	All
Application	Cisco	Firepower Threat Defense	6.6.7	All	All	All
Application	Cisco	Firepower Threat Defense	6.6.7.1	All	All	All
Application	Cisco	Firepower Threat Defense	6.7.0	All	All	All
Application	Cisco	Firepower Threat Defense	6.7.0.1	All	All	All
Application	Cisco	Firepower Threat Defense	6.7.0.2	All	All	All
Application	Cisco	Firepower Threat Defense	6.7.0.3	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.0	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.0.1	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.1	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.1.1	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.2	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.2.1	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.3	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.4	All	All	All
Application	Cisco	Firepower Threat Defense	7.0.5	All	All	All
Application	Cisco	Firepower Threat Defense	7.1.0	All	All	All
Application	Cisco	Firepower Threat Defense	7.1.0.1	All	All	All
Application	Cisco	Firepower Threat Defense	7.1.0.2	All	All	All
Application	Cisco	Firepower Threat Defense	7.1.0.3	All	All	All
Application	Cisco	Firepower Threat Defense	7.2.0	All	All	All
Application	Cisco	Firepower Threat Defense	7.2.0.1	All	All	All
Application	Cisco	Firepower Threat Defense	7.2.1	All	All	All
Application	Cisco	Firepower Threat Defense	7.2.2	All	All	All
Application	Cisco	Firepower Threat Defense	7.2.3	All	All	All
Application	Cisco	Firepower Threat Defense	7.3.0	All	All	All
Application	Cisco	Firepower Threat Defense	7.3.1	All	All	All
Application	Cisco	Firepower Threat Defense	7.3.1.1	All	All	All

References
Reference
Cisco Adaptive Security Appliance Software and Firepower Threat Defense Software ICMPv6 Message Processing Denial of Service Vulnerability
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[317383](#) Cisco Adaptive Security Appliance (ASA) Software ICMPv6 Message Processing Denial of Service (DoS) Vulnerability (cisco-sa-asa-icmpv6-t5TzqwNd)

[317390](#) Firepower Threat Defense (FTD) Software ICMPv6 Message Processing Denial of Service (DoS) Vulnerability (cisco-sa-asa-icmpv6-t5TzqwNd)

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