



CVE-2026-20022

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

Summary

CVE	CVE-2026-20022
State	PUBLISHED
Assigner	cisco
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-04 19:16:12 UTC
Updated	2026-05-04 15:11:09 UTC
Description	A vulnerability in the OSPF protocol of Cisco Secure Firewall ASA Software and Cisco Secure FTD Software could allow an

Risk And Classification

Primary CVSS: v3.1 6.5 MEDIUM from nvd@nist.gov

CVSS: 3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

EPSS: 0.000060000 probability, percentile 0.003780000 (date 2026-05-05)

Problem Types: CWE-823 | CWE-823 Use of Out-of-range Pointer Offset

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	6.5	MEDIUM	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	psirt@cisco.com	Secondary	6.1	MEDIUM	CVSS:3.1/AV:A/AC:H/PR:N/UI:N/S:C/C:N/I:N/A:H
3.1	CNA	CVSSV3_1	6.1	MEDIUM	CVSS:3.1/AV:A/AC:H/PR:N/UI:N/S:C/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

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
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.2	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.24	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.26	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.29	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.30	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.35	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.37	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.38	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.39	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.4	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.12.4.40	All	All	All

Operating System	Cisco	Adaptive Security Appliance Software	9.20.2.21	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.2.22	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.3	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.3.10	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.3.13	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.3.16	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.3.20	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.3.4	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.3.7	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.3.9	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.4	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.4.10	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.4.14	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.20.4.7	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.1.1	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.1.2	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.1.3	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.1.6	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.2	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.2.13	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.2.14	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.2.4	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.22.2.9	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.23.1	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.23.1.13	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.23.1.19	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.23.1.22	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.23.1.3	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.23.1.7	All	All	All
Application	Cisco	Firepower Threat Defense Software	6.4.0	All	All	All
Application	Cisco	Firepower Threat Defense Software	6.4.0.1	All	All	All
Application	Cisco	Firepower Threat Defense Software	6.4.0.10	All	All	All
Application	Cisco	Firepower Threat Defense Software	6.4.0.11	All	All	All
Application	Cisco	Firepower Threat Defense Software	6.4.0.12	All	All	All
Application	Cisco	Firepower Threat Defense Software	6.4.0.13	All	All	All

CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.5.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.6	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.7	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.5.2	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.8	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.8.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.9	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.10	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.2.10.2	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.3.0	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.3.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.3.1.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.3.1.2	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.0	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.1.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.2	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.2.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.2.2	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.2.3	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.2.4	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.4.3	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.6.0	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.6.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.6.2	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.6.2.1	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.7.0	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.7.10	Not specified
CNA	Cisco	Cisco Secure Firewall Threat Defense FTD Software	affected 7.7.10.1	Not specified

References

Reference	Source	Link	Tags
sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-asaftd...	psirt@cisco.com	sec.cloudapps.cisco.com	Ver
CVE Program record	CVE.ORG	www.cve.org	car
NVD vulnerability detail	NVD	nvd.nist.gov	car

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Exploits

CNA: The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerabilities that are described in this advisory.

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

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