



# Cisco Adaptive Security Appliance and Firepower Threat Defense Unauthorized Access Vulnerability

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

## Summary

<b>CVE</b>	CVE-2023-20269
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-09-06 18:15:00 UTC
<b>Updated</b>	2024-04-03 16:12:00 UTC

**Description** A vulnerability in the remote access VPN feature of Cisco Adaptive Security Appliance (ASA) Software and Cisco Firepower

## Risk And Classification

**EPSS:** 0.008240000 probability, percentile 0.744930000 (date 2026-04-22)

**CISA KEV:** Listed on 2023-09-13; due 2023-10-04; ransomware use Known

**Problem Types:** CWE-863

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Cisco
<b>Product</b>	Adaptive Security Appliance and Firepower Threat Defense
<b>Name</b>	Cisco Adaptive Security Appliance and Firepower Threat Defense Unauthorized Access Vulnerability
<b>Required Action</b>	Apply mitigations per vendor instructions for group-lock and vpn-simultaneous-logins or discontinue use of the product for unsupported devices.
<b>Notes</b>	<a href="https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-asaftd-ravpn-auth-8LyfCkeC">https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-asaftd-ravpn-auth-8LyfCkeC</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2023-20269">https://nvd.nist.gov/vuln/detail/CVE-2023-20269</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Cisco</a>	<a href="#">Adaptive Security Appliance Software</a>	6.2.3	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">Adaptive Security Appliance Software</a>	6.2.3.1	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">Adaptive Security Appliance Software</a>	6.2.3.10	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">Adaptive Security Appliance Software</a>	6.2.3.11	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">Adaptive Security Appliance Software</a>	6.2.3.12	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">Adaptive Security Appliance Software</a>	6.2.3.13	All	All	All













Product Category	Manufacturer	Product Name	Version	Platform	Architecture	OS
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	6.2.3.14	All	All	All









Application	Cisco	Firepower Threat Defense	9.15.1.21	All	All	All
Application	Cisco	Firepower Threat Defense	9.15.1.7	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.1	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.1.28	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.2	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.2.11	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.2.13	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.2.14	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.2.3	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.2.7	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.3	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.3.14	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.3.15	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.3.19	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.3.23	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.3.3	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.4	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.4.14	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.4.18	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.4.19	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.4.27	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.4.38	All	All	All
Application	Cisco	Firepower Threat Defense	9.16.4.9	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1.10	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1.11	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1.13	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1.15	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1.20	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1.30	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1.7	All	All	All
Application	Cisco	Firepower Threat Defense	9.17.1.9	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.1	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.1.3	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.2	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.2.5	All	All	All

Application	Cisco	Firepower Threat Defense	9.18.2.7	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.2.8	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.3	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.3.39	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.3.46	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.3.53	All	All	All
Application	Cisco	Firepower Threat Defense	9.18.3.55	All	All	All
Application	Cisco	Firepower Threat Defense	9.19.1	All	All	All
Application	Cisco	Firepower Threat Defense	9.19.1.12	All	All	All
Application	Cisco	Firepower Threat Defense	9.19.1.18	All	All	All
Application	Cisco	Firepower Threat Defense	9.19.1.5	All	All	All
Application	Cisco	Firepower Threat Defense	9.19.1.9	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.1	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.1.5	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.1.7	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.14	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.15	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.17	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.20	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.24	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.26	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.28	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.33	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.35	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.38	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.2.8	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.3	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.3.11	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.3.14	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.3.16	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.3.18	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.3.21	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.3.26	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.3.29	All	All	All

Application	Cisco	Firepower Threat Defense	9.8.3.8	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.10	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.12	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.15	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.17	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.20	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.22	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.25	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.26	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.29	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.3	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.32	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.33	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.34	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.35	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.39	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.40	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.41	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.43	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.44	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.45	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.46	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.48	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.7	All	All	All
Application	Cisco	Firepower Threat Defense	9.8.4.8	All	All	All

## References

### Reference

Cisco Adaptive Security Appliance Software and Firepower Threat Defense Software Remote Access VPN Unauthorized Access Vulnerability

CVE Program record

NVD vulnerability detail

CISA Known Exploited Vulnerabilities catalog

No vendor comments have been submitted for this CVE.

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

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