



CVE-2017-12373

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

Summary

CVE	CVE-2017-12373
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-15 20:29:00 UTC
Updated	2019-10-09 23:23:00 UTC
Description	A vulnerability in the TLS protocol implementation of legacy Cisco ASA 5500 Series (ASA 5505, 5510, 5520, 5540, and 5550) allows an attacker to exploit a buffer overflow in the TLS protocol implementation, which could result in a denial of service (DoS) or a remote code execution (RCE) attack.

Risk And Classification

Problem Types: CWE-203

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Adaptive Security Appliance 5505	-	All	All	All
Hardware	Cisco	Adaptive Security Appliance 5505	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5505 Firmware	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5505 Firmware	-	All	All	All
Hardware	Cisco	Adaptive Security Appliance 5510	-	All	All	All
Hardware	Cisco	Adaptive Security Appliance 5510	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5510 Firmware	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5510 Firmware	-	All	All	All
Hardware	Cisco	Adaptive Security Appliance 5520	-	All	All	All
Hardware	Cisco	Adaptive Security Appliance 5520	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5520 Firmware	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5520 Firmware	-	All	All	All
Hardware	Cisco	Adaptive Security Appliance 5540	-	All	All	All
Hardware	Cisco	Adaptive Security Appliance 5540	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5540 Firmware	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5540 Firmware	-	All	All	All
Hardware	Cisco	Adaptive Security Appliance 5550	-	All	All	All

Hardware	Cisco	Adaptive Security Appliance 5550	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5550 Firmware	-	All	All	All
Operating System	Cisco	Adaptive Security Appliance 5550 Firmware	-	All	All	All

References			
Reference	Source	Link	Tags
Bleichenbacher Attack on TLS Affecting Cisco Products: December 2017	CONFIRM	tools.cisco.com	Issue Tracking, Mitigation,
Multiple Cisco Products Multiple Information Disclosure Vulnerabilities	BID	www.securityfocus.com	Third Party Advisory, VDB
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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