CVE-2018-15399

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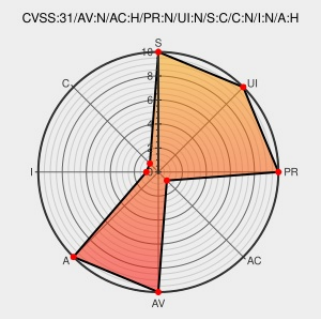
CVE-2018-15399 - advisory for cisco-sa-20181003-asa-syslog-dos

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Adaptive Security Appliance Software from Cisco contain the following vulnerability:

A vulnerability in the TCP syslog module of Cisco Adaptive Security Appliance (ASA) Software and Cisco Firepower Threat Defense (FTD) Software could allow an unauthenticated, remote attacker to exhaust the 1550-byte buffers on an affected device, resulting in a denial of service (DoS) condition. The vulnerability is due to a missing boundary check in an internal function. An attacker could exploit this vulnerability by establishing a man-in-the-middle position between an affected device and its configured TCP syslog server and then maliciously modifying the TCP header in segments that are sent from the syslog server to the affected device. A successful exploit could allow the attacker to exhaust buffer on the affected device and cause all TCP-based features to stop functioning, resulting in a DoS condition. The affected TCP-based features include AnyConnect SSL VPN, clientless SSL VPN, and management connections such as Secure Shell (SSH), Telnet, and HTTPS.

CVE-2018-15399 has been assigned by psirt@cisco.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Cisco** - **Cisco Adaptive Security Appliance (ASA) Software** version **n/a**

CVSS3 Score: 6.8 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	HIGH	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	NONE	NONE	HIGH

CVSS2 Score: 7.1 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE

Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Cisco ASA Bug in TCP Syslog Module Lets Remote Users Cause the Target Service to Crash - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	SECTRACK 1041785
Cisco Adaptive Security Appliance TCP Syslog Denial of Service Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20181003 Cisco Adaptive Security Appliance TCP Syslog Denial of Service Vulnerability

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cisco	Adaptive Security Appliance Software	9.4(4)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	9.4\(4\)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	9.8(2)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	9.8\(2\)	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.4\(4\)	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.8\(2\)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	9.4\(4\)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	9.8\(2\)	All	All	All
Application	Cisco	Firepower Threat Defense	6.2.0	All	All	All
Application	Cisco	Firepower Threat Defense	6.2.0	All	All	All

cpe:2.3:a:cisco:adaptive_security_appliance_software:9.4(4):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:adaptive_security_appliance_software:9.4\(4\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:adaptive_security_appliance_software:9.8(2):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:adaptive_security_appliance_software:9.8\(2\):*:*:*:*:*:*:*:

cpe:2.3:o:cisco:adaptive_security_appliance_software:9.4\(4\):*:*:*:*:*:*:*:

cpe:2.3:o:cisco:adaptive_security_appliance_software:9.8\(2\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:adaptive_security_appliance_software:9.4\(4\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:adaptive_security_appliance_software:9.8\(2\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:firepower_threat_defense:6.2.0:*:*:*:*:*:*:*:

cpe:2.3:a:cisco:firepower_threat_defense:6.2.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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