CVE-2019-1947

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CVE-2019-1947 - advisory for cisco-sa-20200219-esa-dos

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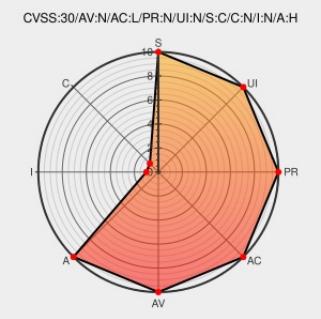

Certain versions of Asyncos from Cisco contain the following vulnerability:

A vulnerability in the email message filtering feature of Cisco AsyncOS Software for Cisco Email Security Appliance (ESA) could allow an unauthenticated, remote attacker to cause the CPU utilization to increase to 100 percent, causing a denial of service (DoS) condition on an affected device. The vulnerability is due to improper handling of email messages that contain large attachments. An attacker could exploit this vulnerability by sending a malicious email message through the targeted device. A successful exploit could allow the attacker to cause a permanent DoS condition due to high CPU utilization. This vulnerability may require manual intervention to recover the ESA.

CVE-2019-1947 has been assigned by psirt@cisco.com to track the vulnerability - currently rated as HIGH severity.

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

Affected Vendor/Software: **Cisco** - **Cisco Email Security Appliance (ESA)** version **n/a**

CVSS3 Score: 8.6 - HIGH

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

CVSS2 Score: 7.8 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality	**Integrity**	**Availability**

Impact	Impact	Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Cisco Email Security Appliance Denial of Service Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20200219 Cisco Email Security Appliance Denial of Service Vulnerability

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	Asyncos	12.1.0-085	All	All	All
Operating System	Cisco	Asyncos	12.1.0-085	All	All	All
Application	Cisco	Email Security Appliance	11.1.0-131	All	All	All
Application	Cisco	Email Security Appliance	11.1.0-131	All	All	All

cpe:2.3:o:cisco:asyncos:12.1.0-085:*:*:*:*:*:*:*:

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cpe:2.3:a:cisco:email_security_appliance:11.1.0-131:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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