

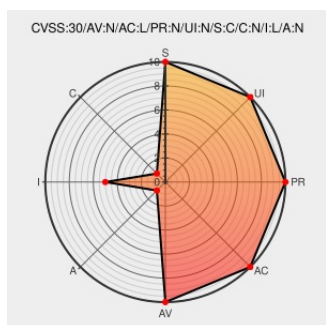


CVE-2020-3368

Published on: 06/17/2020 12:00:00 AM UTC

Last Modified on: 08/06/2021 06:50:00 PM UTC

CVE-2020-3368 - advisory for cisco-sa-esa-url-bypass-WO4BZ75s

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Asyncos](#) from [Cisco](#) contain the following vulnerability:

A vulnerability in the antispam protection mechanisms of Cisco AsyncOS Software for Cisco Email Security Appliance (ESA) could allow an unauthenticated, remote attacker to bypass the URL reputation filters on an affected device. The vulnerability is due to insufficient input validation of URLs. An attacker could exploit this

vulnerability by crafting the URL in a particular way. A successful exploit could allow the attacker to bypass the URL reputation filters that are configured for the affected device, which could allow malicious URLs to pass through the device.

CVE-2020-3368 has been assigned by [Cisco](#) psirt@cisco.com to track the vulnerability - currently rated as **MEDIUM** 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 - Cisco Email Security Appliance (ESA)** version n/a

CVSS3 Score: **5.8 - MEDIUM**

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

CVSS2 Score: **5 - MEDIUM**

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

NONE

PARTIAL

NONE

CVE References

Description	Tags	Link
Cisco Email Security Appliance URL Filtering Bypass Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20200617 Cisco Email Security Appliance URL Filtering Bypass 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	All	All	All	All
Operating System	Cisco	Asyncos	All	All	All	All
Hardware 	Cisco	Email Security Appliance	-	All	All	All
Hardware 	Cisco	Email Security Appliance	-	All	All	All
cpe:2.3:o:cisco:asyncos:*****:						
cpe:2.3:o:cisco:asyncos:*****:						
cpe:2.3:h:cisco:email_security_appliance:-:*****:						
cpe:2.3:h:cisco:email_security_appliance:-:*****:						

No vendor comments have been submitted for this CVE

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