CVE-2016-10728

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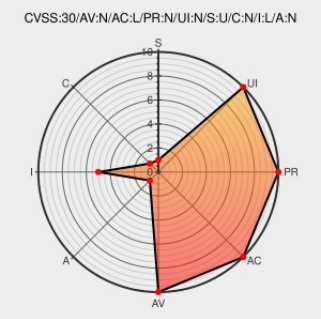
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Suricata from Suricata-ids contain the following vulnerability:

An issue was discovered in Suricata before 3.1.2. If an ICMPv4 error packet is received as the first packet on a flow in the to_client direction, it confuses the rule grouping lookup logic. The toclient inspection will then continue with the wrong rule group. This can lead to missed detection.

CVE-2016-10728 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.3 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	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
Suricata 3.1.2 released! | Suricata	Vendor Advisory, suricata-ids.org, text/html	MISC suricata-ids.org/2016/09/07/suricata-3-1-2-released/

GitHub - kirillwow/ids_bypass: IDS Bypass tricks	Exploit Third Party Advisory github.com text/html	MISC github.com/kirillwow/ids_bypass
Bug #1880: icmpv4 error packets can lead to missed detection in tcp/udp - Suricata - Open Information Security Foundation	Third Party Advisory redmine.openinfosecfoundation.org text/html	MISC redmine.openinfosecfoundation.org/issues/1880
[SECURITY] [DLA 1508-1] suricata security update	Third Party Advisory lists.debian.org text/html	MLIST [debian-lts-announce] 20180919 [SECURITY] [DLA 1508-1] suricata security update

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Suricata-ids	Suricata	All	All	All	All
Application	Suricata-ids	Suricata	All	All	All	All

cpe:2.3:a:suricata-ids:suricata:*:*:*:*:*:*:*:*:

cpe:2.3:a:suricata-ids:suricata:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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