



CVE-2018-4002

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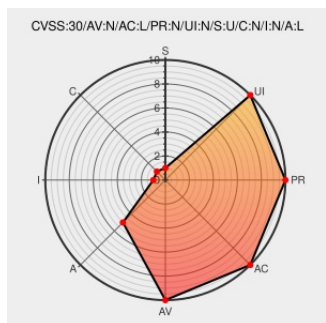
CVE-2018-4002

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Smart Firewall](#) from [Cujo](#) contain the following vulnerability:

An exploitable denial-of-service vulnerability exists in the mdnscap binary of the CUJO Smart Firewall running firmware 7003. When parsing labels in mDNS packets, the firewall unsafely handles label compression pointers, leading to an uncontrolled recursion that eventually exhausts the stack, crashing the mdnscap process. An unauthenticated attacker can send an mDNS message to trigger this vulnerability.

CVE-2018-4002 has been assigned by [talos-cna@cisco.com](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **7.8 - HIGH**

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

CVE References

Description	Tags	Link
TALOS-2018-0671 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Third Party Advisory	MISC talosintelligence.com/vulnerability_reports/TALOS-2018-0671

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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
Hardware 	Cujo	Smart Firewall	-	All	All	All
Hardware 	Cujo	Smart Firewall	-	All	All	All
Operating System	Cujo	Smart Firewall Firmware	7003	All	All	All
Operating System	Cujo	Smart Firewall Firmware	7003	All	All	All
cpe:2.3:h:cujo:smart_firewall:-:*:*:*:*:*:						
cpe:2.3:h:cujo:smart_firewall:-:*:*:*:*:*:						
cpe:2.3:o:cujo:smart_firewall_firmware:7003:*:*:*:*:*:						
cpe:2.3:o:cujo:smart_firewall_firmware:7003:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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