CVE-2021-3053

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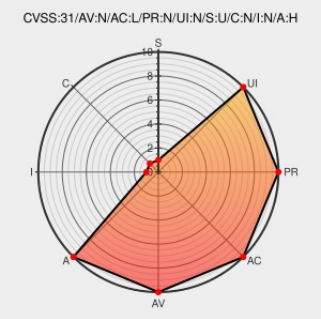

Certain versions of Pan-os from Paloaltonetworks contain the following vulnerability:

An improper handling of exceptional conditions vulnerability exists in the Palo Alto Networks PAN-OS dataplane that enables an unauthenticated network-based attacker to send specifically crafted traffic through the firewall that causes the service to crash. Repeated attempts to send this request result in denial of service to all PAN-OS services by restarting the device and putting it into maintenance mode. This issue impacts: PAN-OS 8.1 versions earlier than PAN-OS 8.1.20; PAN-OS 9.0 versions earlier than PAN-OS 9.0.14; PAN-OS 9.1 versions earlier than PAN-OS 9.1.9; PAN-OS 10.0 versions earlier than PAN-OS 10.0.5. This issue does not affect Prisma Access.

CVE-2021-3053 has been assigned by psirt@paloaltonetworks.com to track the vulnerability - currently rated as HIGH severity.

Palo Alto Networks is not aware of any malicious exploitation of this issue.

Vulnerability Patch/Work Around

There are no known workarounds for this issue.

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: 7.1 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE

Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
CVE-2021-3053 PAN-OS: Exceptional Condition Denial-of-Service (DoS)	security.paloaltonetworks.com text/html	MISC security.paloaltonetworks.com/CVE-2021-3053

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Related QID Numbers

730192 Palo Alto Networks PAN-OS Exceptional Condition Denial-of-Service Vulnerability (PAN-158723)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Paloaltonetworks	Pan-os	All	All	All	All

cpe:2.3:o:paloaltonetworks:pan-os:*:*:*:*:*:*:*:*:

Discovery Credit

This issue was found by Nicholas Newsom of Palo Alto Networks during internal security review.

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-3053 : An improper handling of exceptional conditions vulnerability exists in the Palo Alto Networks PAN-O… twitter.com/i/web/status/1…	2021-09-08 17:18:49

← Previous ID

Next ID→