CVE-2020-2037

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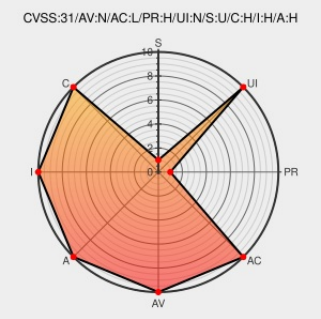

Certain versions of Pan-os from Paloaltonetworks contain the following vulnerability:

An OS Command Injection vulnerability in the PAN-OS management interface that allows authenticated administrators to execute arbitrary OS commands with root privileges. This issue impacts: PAN-OS 8.1 versions earlier than PAN-OS 8.1.16; PAN-OS 9.0 versions earlier than PAN-OS 9.0.10; PAN-OS 9.1 versions earlier than PAN-OS 9.1.3.

CVE-2020-2037 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 attempts to exploit this vulnerability.

Vulnerability Patch/Work Around

This issue impacts the PAN-OS management web interface but you can mitigate the impact of this issue by following best practices for securing the PAN-OS management web interface. Please review the Best Practices for Securing Administrative Access in the PAN-OS technical documentation, available at https://docs.paloaltonetworks.com/best-practices.

CVSS3 Score: 7.2 - HIGH

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

CVSS2 Score: 9 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

COMPLETE COMPLETE COMPLETE

CVE References

Description	Tags	Link
CVE-2020-2037 PAN-OS: OS command injection vulnerability in the management web interface	Vendor Advisory security.paloaltonetworks.com text/html	MISC security.paloaltonetworks.com/CVE-2020-2037

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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	Paloaltonetworks	Pan-os	All	All	All	All
Operating System	Paloaltonetworks	Pan-os	All	All	All	All

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

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

Discovery Credit

Palo Alto Networks thanks Mikhail Klyuchnikov of Positive Technologies, and Nicholas Newsom of Palo Alto Networks for discovering and reporting this issue.

Social Mentions

Source	Title	Posted (UTC)
@ipssignatures	It's new to me that WatchGuard has a protection/signature/rule for the vulnerability CVE-2020-2037. … twitter.com/i/web/status/1…	2021-04-27 19:02:02
@ipssignatures	It is the first time for me to know a protection/signature/rule for the vulnerability CVE-2020-2037. #Sfqvcenbl2podk	2021-04-27 19:02:02

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