CVE-2021-3045

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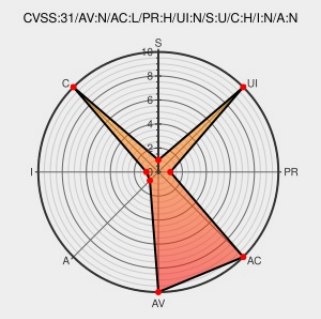
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

An OS command argument injection vulnerability in the Palo Alto Networks PAN-OS web interface enables an authenticated administrator to read any arbitrary file from the file system. This issue impacts: PAN-OS 8.1 versions earlier than PAN-OS 8.1.19; PAN-OS 9.0 versions earlier than PAN-OS 9.0.14; PAN-OS 9.1 versions earlier than PAN-OS 9.1.10. PAN-OS 10.0 and later versions are not impacted.

CVE-2021-3045 has been assigned by psirt@paloaltonetworks.com to track the vulnerability - currently rated as MEDIUM severity.

Vulnerability Patch/Work Around

This issue requires the attacker to have authenticated access to the PAN-OS web interface. You can mitigate the impact of this issue by following best practices for securing the PAN-OS web interface. Please review the Best Practices for Securing Administrative Access in the PAN-OS technical documentation at https://docs.paloaltonetworks.com/best-practices.

CVSS3 Score: 4.9 - MEDIUM

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

CVSS2 Score: 4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
CVE-2021-3045 PAN-OS: OS Command Argument Injection in Web Interface	security.paloaltonetworks.com text/html	MISC security.paloaltonetworks.com/CVE-2021-3045

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Related QID Numbers

730158 Palo Alto Networks PAN-OS OS Command Argument Injection in Web Interface(PAN-147781)

Exploit/POC from Github

PoC for exploiting CVE-2021-3045 : An OS command argument injection vulnerability in the Palo Alto Networks PAN-OS we…

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

Palo Alto Networks thanks Brandon Vincent for discovering and reporting this issue.

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-3045 : An OS command argument injection vulnerability in the Palo Alto Networks PAN-OS web interface enabl… twitter.com/i/web/status/1…	2021-08-11 17:16:40

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