CVE-2021-3050

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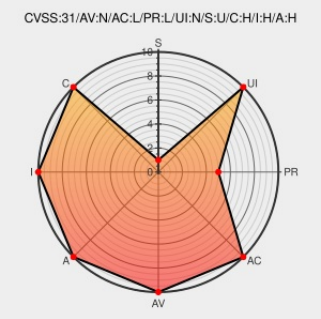
CVE-2021-3050

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



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

An OS command injection vulnerability in the Palo Alto Networks PAN-OS web interface enables an authenticated administrator to execute arbitrary OS commands to escalate privileges. This issue impacts: PAN-OS 9.0 version 9.0.10 through PAN-OS 9.0.14; PAN-OS 9.1 version 9.1.4 through PAN-OS 9.1.10; PAN-OS 10.0 version 10.0.7 and earlier PAN-OS 10.0 versions; PAN-OS 10.1 version 10.1.0 through PAN-OS 10.1.1. Prisma Access firewalls and firewalls running PAN-OS 8.1 versions are not impacted by this issue.

CVE-2021-3050 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. However, exploits for this issue are publicly available.

Vulnerability Patch/Work Around

Enable signatures for Unique Threat ID 91439 on traffic destined for the web interface to block attacks against CVE-2021-3050. 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: 8.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	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-2021-3050 PAN-OS: OS Command Injection Vulnerability in Web Interface	security.paloaltonetworks.com text/html	MISC security.paloaltonetworks.com/CVE-2021-3050

Related QID Numbers

730156 Palo Alto Networks PAN-OS OS Command Injection Vulnerability in Web Interface (PAN-174326)

Exploit/POC from Github

PoC for exploiting CVE-2021-3050 : An OS command injection vulnerability in the Palo Alto Networks PAN-OS web interfa…

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 an external security researcher.

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-3050 : An OS command injection vulnerability in the Palo Alto Networks PAN-OS web interface enables an aut… twitter.com/i/web/status/1…	2021-08-11 17:18:13
/r/cybersecurity	[Unpatched] CVE-2021-3050 PAN-OS: OS Command Injection Vulnerability in Web Interface	2021-08-16 02:23:24

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CVE.report and Source URL Uptime Status status.cve.report