

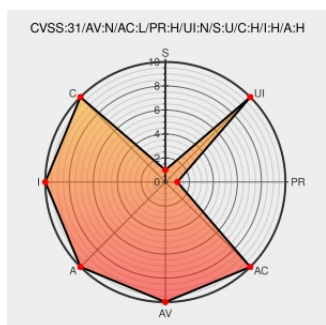


CVE-2020-2029

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CVE-2020-2029

[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 PAN-OS web management interface allows authenticated administrators to execute arbitrary OS commands with root privileges by sending a malicious request to generate new certificates for use in the PAN-OS configuration. This issue affects: All versions of PAN-OS 8.0; PAN-OS 7.1 versions earlier than PAN-OS 7.1.26; PAN-OS 8.1 versions earlier than PAN-OS 8.1.13.

CVE-2020-2029 has been assigned by [psirt@paloaltonetworks.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Vulnerability Patch/Work Around

This issue affects the management interface of PAN-OS and you can mitigate the impact of this issue by following best practices for securing the PAN-OS management 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-2020-2029 PAN-OS: OS command injection vulnerability in management interface certificate generator	Vendor Advisory security.paloaltonetworks.com text/html	 MISC security.paloaltonetworks.com/CVE-2020-2029

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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
Operating System	Paloaltonetworks	Pan-os	All	All	All	All
cpe:2.3:o:paloaltonetworks:pan-os:*****:*****:						
cpe:2.3:o:paloaltonetworks:pan-os:*****:*****:						
cpe:2.3:o:paloaltonetworks:pan-os:*****:*****:						

Discovery Credit

Palo Alto Networks thanks Przemysław Kowalski of STM Solutions for discovering and reporting this issue.

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