



CVE-2020-2008

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CVE-2020-2008

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Pan-os](#) from [Paloaltonetworks](#) contain the following vulnerability:

An OS command injection and external control of filename vulnerability in Palo Alto Networks PAN-OS allows authenticated administrators to execute code with root privileges or delete arbitrary system files and impact the system's integrity or cause a denial of service condition.

This issue affects: All versions of PAN-OS 7.1 and 8.0; PAN-OS 8.1 versions earlier than 8.1.14.

CVE-2020-2008 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 is strongly mitigated 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>

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-2020-2008 PAN-OS: OS command injection or arbitrary file deletion vulnerability	Vendor Advisory security.paloaltonetworks.com text/html	 MISC security.paloaltonetworks.com/CVE-2020-2008

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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

This issue was found by Jin Chen of Palo Alto Networks during internal security review.

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