



CVE-2020-2007

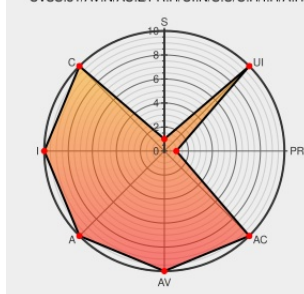
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CVE-2020-2007

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

CVSS:31/AV:N/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H



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

An OS command injection vulnerability in the management server component of PAN-OS allows an authenticated user to potentially execute arbitrary commands with root privileges. This issue affects: All PAN-OS 7.1 versions; PAN-OS 8.1 versions earlier than 8.1.14; PAN-OS 9.0 versions earlier than 9.0.7.

CVE-2020-2007 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-2020-2007 PAN-OS: OS command injection in management server

Vendor Advisory

security.paloaltonetworks.com

text/html

MISC

security.paloaltonetworks.com/CVE-2020-2007

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