CVE-2020-2006

Published on: 05/13/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:08 PM UTC

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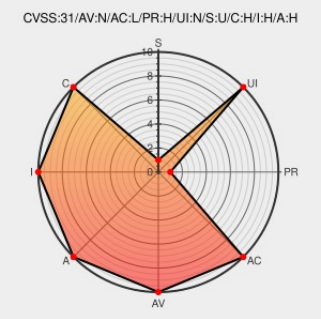

Certain versions of Pan-os from Paloaltonetworks contain the following vulnerability:

A stack-based buffer overflow vulnerability in the management server component of PAN-OS that allows an authenticated user to potentially execute arbitrary code with root privileges. This issue affects: All versions of PAN-OS 7.1 and 8.0; PAN-OS 8.1 versions earlier than 8.1.14.

CVE-2020-2006 has been assigned by psirt@paloaltonetworks.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Palo Alto Networks** - **PAN-OS** version **< 8.1.14**

Affected Vendor/Software: **Palo Alto Networks** - **PAN-OS** version **!>= 8.1.14**

Affected Vendor/Software: **Palo Alto Networks** - **PAN-OS** version **= 7.1.***

Affected Vendor/Software: **Palo Alto Networks** - **PAN-OS** version **= 8.0.***

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: 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	Access	Authentication

Vector	Complexity	
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
CVE-2020-2006 PAN-OS: Buffer overflow in management server payload parser	Vendor Advisory security.paloaltonetworks.com text/html	MISC security.paloaltonetworks.com/CVE-2020-2006

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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

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Discovery Credit

Palo Alto Networks thanks Jin Chen of Palo Alto Networks for discovering and reporting this issue.

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