CVE-2020-2043

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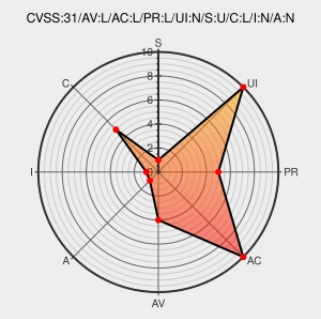
CVE-2020-2043

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



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

An information exposure through log file vulnerability where sensitive fields are recorded in the configuration log without masking on Palo Alto Networks PAN-OS software when the after-change-detail custom syslog field is enabled for configuration logs and the sensitive field appears multiple times in one log entry. The first instance of the sensitive field is masked but subsequent instances are left in clear text. This issue impacts: PAN-OS 8.1 versions earlier than PAN-OS 8.1.16; PAN-OS 9.0 versions earlier than PAN-OS 9.0.10; PAN-OS 9.1 versions earlier than PAN-OS 9.1.4.

CVE-2020-2043 has been assigned by psirt@paloaltonetworks.com to track the vulnerability - currently rated as LOW severity.

Vulnerability Patch/Work Around

This issue requires access to PAN-OS log files generated in the system. 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: 3.3 - LOW

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	LOW	NONE	NONE

CVSS2 Score: 4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality	**Integrity**	**Availability**

Impact	Impact	Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
CVE-2020-2043 PAN-OS: Passwords may be logged in clear text when using after-change-detail custom syslog field for config logs	Vendor Advisory security.paloaltonetworks.com text/html	MISC security.paloaltonetworks.com/CVE-2020-2043

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 a customer of Palo Alto Networks during internal security review.

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