CVE-2020-2012

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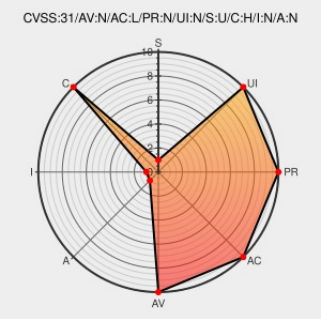
CVE-2020-2012

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



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

Improper restriction of XML external entity reference ('XXE') vulnerability in Palo Alto Networks Panorama management service allows remote unauthenticated attackers with network access to the Panorama management interface to read arbitrary files on the system. This issue affects: All versions of PAN-OS for Panorama 7.1 and 8.0; PAN-OS for Panorama 8.1 versions earlier than 8.1.13; PAN-OS for Panorama 9.0 versions earlier than 9.0.7.

CVE-2020-2012 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: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
CVE-2020-2012 PAN-OS: Panorama: XML external entity reference ('XXE') vulnerability leads the to information leak	Vendor Advisory security.paloaltonetworks.com text/html	MISC security.paloaltonetworks.com/CVE-2020-2012

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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Discovery Credit

This issue was found by Ben Nott of Palo Alto Networks during internal security review.

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CVE.report and Source URL Uptime Status status.cve.report