



CVE-2020-8873

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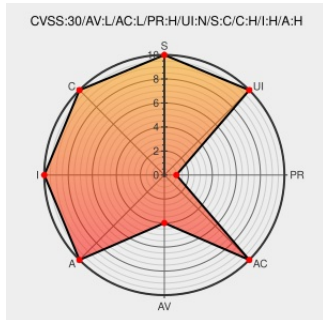
CVE-2020-8873

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Parallels Desktop](#) from [Parallels](#) contain the following vulnerability:

This vulnerability allows local attackers to escalate privileges on affected installations of Parallels Desktop 15.1.2-47123. An attacker must first obtain the ability to execute high-privileged code on the target guest system in order to exploit this vulnerability. The specific flaw exists within the xHCI component. The issue results from the lack of

proper locking when performing operations on an object. An attacker can leverage this vulnerability to escalate privileges and execute code in the context of the hypervisor. Was ZDI-CAN-10031.

CVE-2020-8873 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Parallels - Desktop** version **15.1.2-47123**

CVSS3 Score: **6.7 - MEDIUM**

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

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description

Tags

Link

ZDI-20-294 | Zero Day Initiative

Third Party Advisory

VDB Entry

www.zerodayinitiative.com

text/html

 MISC

www.zerodayinitiative.com/advisories/ZDI-20-294/

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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

Application

Parallels

Parallels Desktop

All

All

All

All

Application

Parallels

Parallels Desktop

All

All

All

All

cpe:2.3:a:parallels:parallels_desktop:*:*:*:*:macos:*:*:

cpe:2.3:a:parallels:parallels_desktop:*:*:*:*:macos:*:*:

Discovery Credit

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