



CVE-2020-17393

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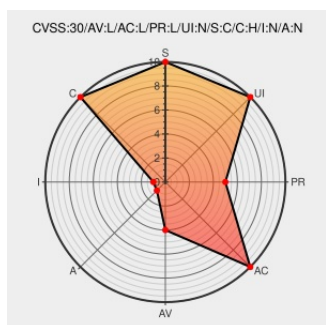
CVE-2020-17393

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

Print: PDF



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

This vulnerability allows local attackers to disclose information on affected installations of Parallels Desktop 15.1.3-47255. An attacker must first obtain the ability to execute low-privileged code on the target system in order to exploit this vulnerability. The specific flaw exists within the prl_hypervisor kext. The issue results from the lack of proper validation of user-supplied data, which can result a pointer to be leaked after the handler is done. An attacker can leverage this in conjunction with other vulnerabilities to execute arbitrary code in the context of the kernel. Was ZDI-CAN-10520.

CVE-2020-17393 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Parallels - Desktop** version **15.1.3-47255**

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

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

CVE References

Description

KB Parallels: Parallels Desktop Security Updates

Tags

Vendor Advisory

kb.parallels.com

text/html

Link

||

MISC

kb.parallels.com/en/125013

Description

ZDI-20-1011 | Zero Day Initiative

Tags

Third Party Advisory

VDB Entry

www.zerodayinitiative.com

text/html

Link

z

MISC

www.zerodayinitiative.com/advisories/ZDI-20-1011/

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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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