CVE-2020-17399

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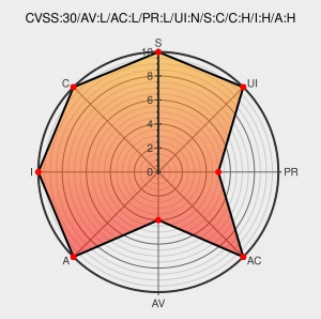

Certain versions of Parallels Desktop from Parallels contain the following vulnerability:

This vulnerability allows local attackers to escalate privileges on affected installations of Parallels Desktop 15.1.4. 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 in a write past the end of an allocated buffer. An attacker can leverage this vulnerability to escalate privileges and execute code in the context of the kernel. Was ZDI-CAN-11303.

CVE-2020-17399 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Parallels** - **Desktop** version **15.1.4**

CVSS3 Score: 8.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	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
KB Parallels: Parallels Desktop Security Updates	Vendor Advisory kb.parallels.com text/html	MISC kb.parallels.com/en/125013
ZDI-20-1017 | Zero Day Initiative	Third Party Advisory VDB Entry www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-20-1017/

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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:*:*:

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