CVE-2020-3947

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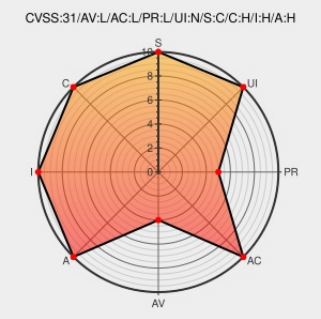
CVE-2020-3947

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



Certain versions of Fusion from Vmware contain the following vulnerability:

VMware Workstation (15.x before 15.5.2) and Fusion (11.x before 11.5.2) contain a use-after vulnerability in vmnetdhcp. Successful exploitation of this issue may lead to code execution on the host from the guest or may allow attackers to create a denial-of-service condition of the vmnetdhcp service running on the host machine.

CVE-2020-3947 has been assigned by security@vmware.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **VMware** - **Workstation** version **15.x before 15.5.2**

Affected Vendor/Software: **VMware** - **Fusion** version **11.x before 11.5.2**

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: 7.2 - HIGH

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link

VMSA-2020-0004.1	Vendor Advisory www.vmware.com text/html	CONFIRM www.vmware.com/security/advisories/VMSA-2020-0004.html

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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	Vmware	Fusion	All	All	All	All
Application	Vmware	Fusion	All	All	All	All
Application	Vmware	Workstation	All	All	All	All
Application	Vmware	Workstation	All	All	All	All

cpe:2.3:a:vmware:fusion:*:*:*:*:*:*:*:*:

cpe:2.3:a:vmware:fusion:*:*:*:*:*:*:*:*:

cpe:2.3:a:vmware:workstation:*:*:*:*:*:*:*:*:

cpe:2.3:a:vmware:workstation:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@y0ny0ns0n	CVE-2020-3947 :/ fxxking easy to trigger https://t.co/MaQVXcXr18	2021-06-18 14:51:48
@awxylitol	Unfortunately, recent blog post from ZDI also covers CVE-2020-3947, a VMware Workstation DHCP UAF bug I analyzed a… twitter.com/i/web/status/1…	2022-07-29 08:40:17

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