



CVE-2020-9973

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CVE-2020-9973

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Ipados](#) from [Apple](#) contain the following vulnerability:

An out-of-bounds read was addressed with improved bounds checking. This issue is fixed in macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave, iOS 14.0 and iPadOS 14.0. Processing a maliciously crafted USD file may lead to unexpected application termination or arbitrary code execution.

CVE-2020-9973 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - macOS version < 10.15

Affected Vendor/Software: **Apple** - macOS version < 14.0

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Taas	Link
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Full Disclosure: APPLE-SA-2020-11-13-7 Additional information for APPLE-SA-2020-09-24-1 macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave	seclists.org text/html	 FULLDISC 20201115 APPLE-SA-2020-11-13-7 Additional information for APPLE-SA-2020-09-24-1 macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave
About the security content of iOS 14.0 and iPadOS 14.0 - Apple Support	Release Notes Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211850
TALOS-2020-1104 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	www.talosintelligence.com text/html	 MISC www.talosintelligence.com/vulnerability_reports/TALOS-2020-1104
Full Disclosure: APPLE-SA-2020-11-13-3 Additional information for APPLE-SA-2020-09-16-1 iOS 14.0 and iPadOS 14.0	seclists.org text/html	 FULLDISC 20201115 APPLE-SA-2020-11-13-3 Additional information for APPLE-SA-2020-09-16-1 iOS 14.0 and iPadOS 14.0
About the security content of macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave - Apple Support	Release Notes Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211849
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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
Operating System	Apple	Ipados	All	All	All	All
Operating System	Apple	Ipados	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Apple	Mac Os X	10.13.6	-	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2018-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2018-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-001	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-002	All	All

Operating System	Apple	Mac Os X	10.13.6	security_update_2019-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-004	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-005	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-006	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-007	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-001	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-004	All	All
Operating System	Apple	Mac Os X	10.14.6	-	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-002	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-004	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-005	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-006	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-007	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-002	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-003	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-004	All	All
Operating System	Apple	Mac Os X	All	All	All	All
cpe:2.3:o:apple:ipados:*****:.*:						
cpe:2.3:o:apple:ipados:*****:.*:						

cpe:2.3:o:apple:iphone_os:*.:.:.:.:.:.:.:

cpe:2.3:o:apple:iphone_os:*.:.:.:.:.:.:.:

```
cpe:2.3:o:apple:mac_os_x:*:*:*:*:*:*:*:
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:-:*:*:*:*:*:
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2018-002:*:*:*:*:
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2018-003:*:*:*:*:
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-001:*.***.***:
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-002:*.***.***.
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-003:*:*:*:*:
```

cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-004:*:*:*:*:*

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-005:*:*:*.*.*
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-006:*.***.*.*.*
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-007:*.***.***:
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2020-001:*.***.*.*.*
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2020-002:*.***.*.*.*
```

```
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2020-003:*:*:*:*:*
```

```
cpe:2.3:o:apple:mac os x:10.13.6:security_update 2020-004:*.***.***.
```

```
cpe:2.3:o:apple:mac_os_x:10.14.6:-:*:*:*:*:*:
```

```
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-001:*.***.*.*.*
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security update 2019-002:*.***.*.*.*
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security update 2019-004:*.***.***:
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security_update 2019-005:*.***.*.*.*
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security update 2019-006:*.***.***.
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security update 2019-007:*.***.***:
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security update 2020-001:*:*:*:*:*
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security update 2020-002:*.***.***.
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security update 2020-003:*.***.***.
```

```
cpe:2.3:o:apple:mac os x:10.14.6:security update 2020-004:*.***.***.
```

```
cpe:2.3:o:apple:mac_os_x:*.*.*.*.*.*.*.*.*.*
```

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @RemotelyAlerts	Severity: ??? An out-of-bounds read was addressed with... CVE-2020-9973 Link for more: alerts.remotelyrmm.com/CVE-2020-9973	2022-05-25 21:28:19

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