



# CVE-2020-9920

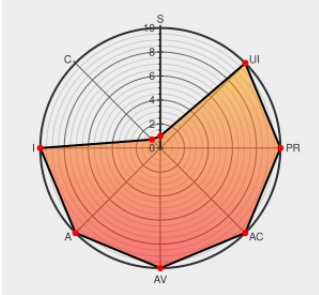
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## CVE-2020-9920

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:H



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

A path handling issue was addressed with improved validation. This issue is fixed in iOS 13.6 and iPadOS 13.6, macOS Catalina 10.15.6, watchOS 6.2.8. A malicious mail server may overwrite arbitrary mail files.

CVE-2020-9920 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **Apple** - iOS version < iOS 13.6 and iPadOS 13.6

Affected Vendor/Software: **Apple** - macOS version < macOS Catalina 10.15.6

Affected Vendor/Software: **Apple** - watchOS version < watchOS 6.2.8

CVSS3 Score: **9.1 - CRITICAL**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.4 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                                                                                                 | Tags                                                                         | Link                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| About the security content of iOS 13.6 and iPadOS 13.6 - Apple Support                                                                      | <div>Vendor Advisory</div> <div>support.apple.com</div> <div>text/html</div> |  MISC<br><a href="https://support.apple.com/kb/HT211288">support.apple.com/kb/HT211288</a> |
| About the security content of watchOS 6.2.8 - Apple Support                                                                                 | <div>Vendor Advisory</div> <div>support.apple.com</div> <div>text/html</div> |  MISC<br><a href="https://support.apple.com/kb/HT211291">support.apple.com/kb/HT211291</a> |
| About the security content of macOS Catalina 10.15.6, Security Update 2020-004 Mojave, Security Update 2020-004 High Sierra - Apple Support | <div>Vendor Advisory</div> <div>support.apple.com</div> <div>text/html</div> |  MISC<br><a href="https://support.apple.com/kb/HT211289">support.apple.com/kb/HT211289</a> |

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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  | Ipad Os   | All     | All    | All     | All      |
| Operating System | Apple  | Ipad Os   | 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  | All     | All    | All     | All      |
| Operating System | Apple  | Watchos   | All     | All    | All     | All      |
| Operating System | Apple  | Watchos   | All     | All    | All     | All      |

```
cpe:2.3:o:apple:ipados:*:*:*:*:*:*:
```

```
cpe:2.3:o:apple:ipad_os:*:*:*:*:*:*:
```

```
cpe:2.3:o:apple:ipad_os:*:*:*:*:*:*:
```

```
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:*.*.*.*.*.*.*.*.*.* |
| cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*.*.*  |
| cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*.*.*  |

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

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

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

No vendor comments have been submitted for this CVE

## Social Mentions

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