



Ministry of Meteorology Energy
Information, Disaster Management,
Environment, Communications and
Climate Change

TLP: White¹

Vulnerabilities in Apple Operating Systems being actively exploited

Dear Constituents,

Apple has released patches for vulnerabilities in iOS, iPadOS, macOS, and watchOS. There have been reports that these vulnerabilities are being actively exploited. Apple has identified the vulnerabilities affects the following operating systems:

- iOS and iPadOS 14 before 14.5.1
- iOS 12 before 12.5.3
- macOS before 11.3.1
- watchOS before 7.4.1

How it works

According to researchers, these vulnerabilities are tracked as CVE-2021-30665 and CVE-2021-30663, and both allow arbitrary remote code execution (RCE) on vulnerable devices simply by visiting a malicious website.

Remote Code Execution vulnerabilities are considered the most dangerous as they allow attackers to target vulnerable devices and execute commands on them remotely.

What to do

1. It is recommended that all users of these operating systems to immediately update their devices.
2. Keeping your software up to date is one of the most important things you can do to maintain your Apple product's security.
3. For most users, a pop-up should alert you that an update is available – select 'Update Now'.
4. If you do not receive a pop up message, follow these steps: *Settings > System > Software Update*. In there, select "Update Software"

1 CERT Tonga adopts the [Traffic Light Protocol](#)

Reference

<https://support.apple.com/en-us/HT201222#https://support.apple.com/en-us/HT201222>

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