



## Apply updates to Wi-Fi connected devices to mitigate worldwide vulnerability

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### Actions to take

As a precaution, please ensure that university-managed and personal Wi-Fi connected devices, such as mobile devices, computers, routers, and Internet of Things (IoT) devices, have the latest system updates installed.

### Summary

FragAttack (fragmentation and aggregation attack) vulnerabilities affecting Wi-Fi-connected devices worldwide have been reported by IT security news sources (selected links are below). If exploited, these vulnerabilities could result in unauthorized access to personal data.

### Details

- Vulnerabilities of some Wi-Fi devices have been reported by IT security news sources.
- At this time, there is no evidence that the vulnerabilities are being used maliciously against Wi-Fi users at the University of Utah.
- Manufacturers are releasing device updates that help mitigate the vulnerabilities.
- The vulnerabilities potentially affect all modern Wi-Fi security protocols, including the latest WPA3 specification and WEP security protocol.

### Impact

The university's [Information Security Office \(ISO\)](#) is aware of the worldwide issue and is closely monitoring developments. The ISO requests that IT managers and individual users install the latest updates for university-managed and personal Wi-Fi-connected devices as recommended by manufacturers.

### More information

- <https://www.zdnet.com/article/time-to-patch-against-fragattacks-but-good-luck-with-home-routers-and-iot-devices/>
- <https://www.fragattacks.com/>
- <https://www.wi-fi.org/security-update-fragmentation>
- <https://www.icasi.org/aggregation-fragmentation-attacks-against-wifi>

If you have questions, your local IT support staff may be able to assist, or you may contact your respective central help desk: UIT Help Desk (801-581-4000, option 1) or the ITS Service Desk (801-587-6000).



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