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.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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