Lab 9

[Microsoft Patch Tuesday for September 2023 — Unusually low 5 critical vulnerabilities included in Microsoft Patch Tuesday, along with two zero-days (talosintelligence.com)](https://blog.talosintelligence.com/microsoft-patch-tuesday-for-september-2023/)

Posted Tuesday, September 12, 2023

This blog was interesting as it was posted few days ago highlighting the low number of critical vulnerabilities across Microsoft’s products and software. Slightly unsure what side of the good news this sits for Microsoft. Sixty five vulnerabilities were disclosed from Patch Tuesday’s [What is Patch Tuesday? - Definition from Techopedia](https://www.techopedia.com/definition/28289/patch-tuesday) One remote code execution vulnerability in Microsoft Exchange Server, CVE-223-36756.

[Turns out even the NFL is worried about deepfakes (talosintelligence.com)](https://blog.talosintelligence.com/threat-source-newsletter-sept-14-2023/)

Posted Thursday, September 14, 2023

A blog around the concerning use of Deepfakes in the NFL. Deepfake is a digitally altered video of a person appearing to real and often used for malicious gain whether it is financial or personal information. Deepfakes were being used in the NFL tricking people into giving money which is an interesting given the rising impact of AI and its malicious use. A reference to a CVE 2023-36802 is mentioned in this blog.

Lab 10

Find a news relating to privacy, what item it is, why it is interesting and another example to clarify point.

[Concern over moves to tighten NZ's data privacy regulations | RNZ News](https://www.rnz.co.nz/news/national/481333/concern-over-moves-to-tighten-nz-s-data-privacy-regulations#:~:text=The%20government%20is%20moving%20to%20change%20the%20law,present%20they%20do%20not%20have%20to%20be%20notified.)

This article is centred around the NZ data privacy regulations and this law is shifting closer in line with the EU’s data privacy regulations. Oranga Tamariki is warning children might be put in danger due to these changes followed by backing from MSD.

The privacy changes would mean people (vulnerable children for example) would have to be told if their personal data was accessed by a third party such as MSD/other organisations etc. Where the current law states they do not have to be notified.

Notable mention in the article is the potential risks to security; from sharing information, that might fall into the wrong hands leading to an individual being harmed.

This is interesting because of the conflicts of tightening our data privacy is received differently by few agencies such as Oranga Tamariki and spy agencies. Where the initial proposal of strengthening data was targeted at how companies harvest people’s data and companies to tell people if how data was indirectly taken.

[Government under pressure to align with EU's data harvesting standards for businesses | RNZ News](https://www.rnz.co.nz/news/national/476388/government-under-pressure-to-align-with-eu-s-data-harvesting-standards-for-businesses)

GPS and Mobility security considerations

A group of teenage hikers were saved by rescuers after finding their location from an iPhone GPS. This article shows how positive the GPS feature on a mobile device can be. Although the group were in an area without any signal or reception – the Apple’s emergency SOS feature enabled the group to contact emergencies and be successfully located.

[Group of missing teen hikers, found using iPhone feature, 'were not prepared' for climb, officials say (nbcnews.com)](https://www.nbcnews.com/news/us-news/group-missing-teen-hikers-found-using-iphone-feature-not-prepared-clim-rcna84705)

**Internet usage policy and procedure**

**Policy:** All employees must adhere to company internet usage procedures from Monday to Friday

**Procedure:**

1. **Internet access**
2. Employees may use the internet for any reasonable work purpose from 9am – 5pm
3. Employees can only use the internet for personal usage from 12-1pm
4. Auction or game related websites will only be accessible from 12-1pm
5. **Penalties**

1. If unable to meet Internet access requirements, may incur a penalty of being able to access internet for one hour