

March | 2019

#CYBERWEATHER

#cyberweather gives you an update on the key information security incidents and phenomena of the month. We want to give our readers an overview of what has happened in the field of cyber security during the past month. The situation can be:



calm



worrying



serious

Cyber weather

March 2019



Network performance

- Network performance incidents were fewer compared to January and February.
- Several countries in Europe reported DoS attacks attempting to influence elections.
- In Finland, only few DoS attacks were detected.



Spying

- Device manufacturers are also exploited in supply chain attacks.
- The Finnish Security Intelligence Service learned of several cyber espionage cases considered to involve foreign government sponsorship in 2018.



Data breaches & leaks

- Cyber-attack against Norsk Hydro caused major financial loss.
- Credentials stolen by phishers (e.g. Office 365) are often used in data breaches shortly afterwards.



Scams and phishing

- Portals designed for phishing appear more and more credible.
- Rise in CEO fraud using compromised Office 365 email accounts.



Malware & vulnerabilities

- Multiple updates released for critical vulnerabilities.
- Ransomware activities are developing.



IoT and automation

- 20% of vulnerabilities in ICS devices are critical.
- Vulnerabilities in Fidelix building automation systems were discussed in Yle's Docstop: Team Whack.
- There are a lot of IoT devices in Finland connected to the public internet.