



TRAFICOM

Finnish Transport and Communications Agency
National Cyber Security Centre

Cyber weather

October 2019

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#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, October 2019

Network performance



- ▶ Normal amount of major disruptions in public communications services. A large number of other ICT incidents.
- ▶ Some Finnish servers were overloaded because they were used to mirror outgoing DoS traffic to other countries.

Spying



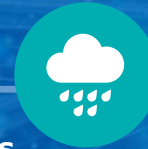
- ▶ There have been attempts to phish user credentials from staff at Finnish universities to gain access to research data.
- ▶ An Indian nuclear power plant was hacked most likely to steal nuclear technology.

Malware and vulnerabilities



- ▶ Approximately 200 QSnatch infections have been reported in Finland. QSnatch is a malware targeting network attached storage (NAS) devices.
- ▶ Incidents of malware spread by email doubled compared to September.

Data breaches and leaks



- ▶ The number of Office 365 data breaches is increasing.
- ▶ An attacker breached NordVPN's server located in Finland.

Scams and phishing



- ▶ Social media and instant messaging services have become preferred channels for CEO fraud alongside email.
- ▶ Office 365 credential phishing continues to cause data breaches on a daily basis.

IoT and automation



- ▶ According to an international automation survey, 1% of organisations stated that information security incidents have resulted in loss of life.
- ▶ The largest testing event for automation devices was held in the United States.