



**TRAFICOM**

Finnish Transport and Communications Agency  
National Cyber Security Centre

# Cyber weather

June 2019

# Cyber weather, June 2019



## Network performance

- ▶ Six performance incidents caused by thunderstorm-related electricity supply interruptions and hardware failures. The incidents affected some thousands of users.
- ▶ A DoS attack involved several devices located in Finland.



## Spying

- ▶ Media reported cyber operations which aimed at manipulating systems instead of spying.
- ▶ Espionage campaigns attempted to spy on personally identifiable information, e.g. through hacking telecommunications providers' systems.



## Malware and vulnerabilities

- ▶ Vulnerability in Exim email server is actively exploited in data breaches.
- ▶ The BlueKeep vulnerability could cause a malware outbreak, which spreads fast with no user interaction.



## Data breaches and leaks

- ▶ The city of Lahti was hit by an extensive data breach. Recovery and investigation are not yet completed.
- ▶ Office 365 data breaches occur almost daily.



## Scams and phishing

- ▶ Summer months are a high season for CEO fraud as responsibilities are delegated to replacements.
- ▶ Several porn blackmail scam cases were reported in late June.
- ▶ O365 phishing is still very common.



## IoT and automation

- ▶ Vulnerability in the DICOM standard for medical devices. A patch would require modifying the standard.

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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:

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calm



worrying



serious