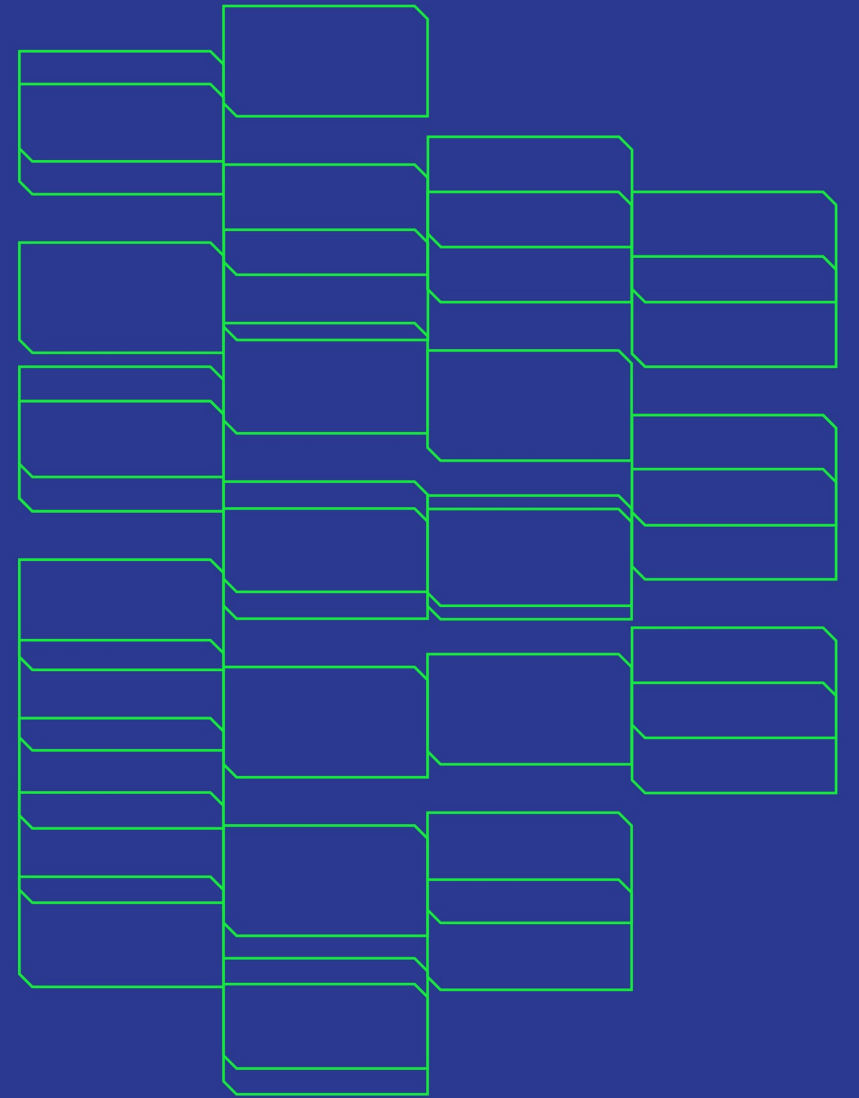


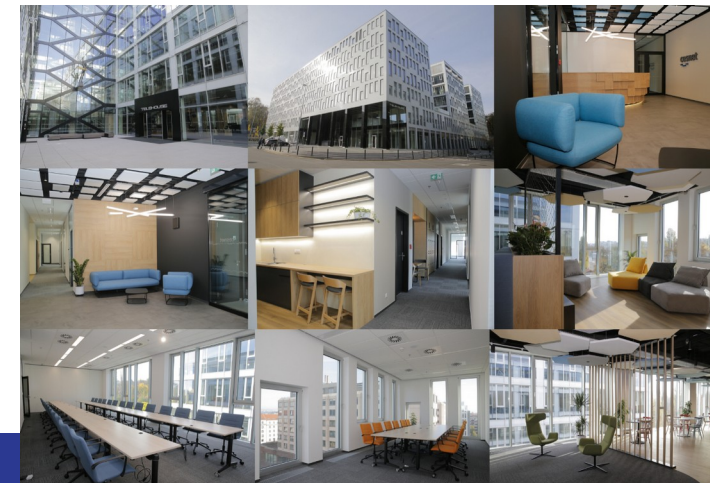
CESNET, a. i. e.

Andrea Kropacova, andrea@cesnet.cz





- Established in 1996, by 26 public universities and the Czech Academy of Sciences
- Operates and develops the national e-infrastructure for science, research and education which encompasses a computer network, computational grids, data storage and collaborative environment. It offers a rich set of services to connected organisations.
- NREN -> e-Infrastructure -> integrated e-INFRA CZ e-infrastructure
- 27 members, ~ 410 customers, ~ 500000 individual users, ~380 employees (~230 FTE), 60+ services, 55+ ongoing projects, 24 prototypes, 24 registered patterns, 22 patents (11 CZ, 7 USA, 4 EU, 4 spin-offs ...)
- ISMS implemented, ISO27001 certified since 2018
- Subject of Cyber Security Act (2015, 2017, 2022)
- Extensive (inter)national cooperation



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L U M I



Security in



- 2004: CESNET-CERTS established
- 2008: CSIRT.CZ established (since 2011 continues as National CSIRT of CZ)
- 2011: NSA become guarantor of cyber security in CZ
- 2012: GOVCERT.CZ established
- 2015: Cyber Security Act released
- 2017: NIS1 --> Cyber Security Act (update)
- 2017: The National Cyber and Information Security Agency (NÚKIB)
- 2024: Security teams scene – national, governmental, academic, 65 teams in total

Challenges?

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new forms of cybercrime ...
Europe is more and more
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Tools and SW can not replace
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For CESNET the situation is as follows:

1. We are NREN, so we must do science and research, support specific scientific groups.
2. But we are also a transit telco operator and connected organizations expect professional services.

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primarily - the security of the CESNET e-
infrastructure and its services
secondarily - to be able to help connected
organizations

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Europe i
interesti

Our members (connected organizations) expect help, but they are often of a different type, scope, have different problems, use different tools, have different level of maturity. They often want individual service settings...

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So my personal mission as a head of SOC department is:

1. Maintain the quality of existing services
2. Help IT staff in connected organizations
3. Educate a new generation of experts



Security Days

**Thank you for your
attention!**

Any questions?



**Security
.Days**