



RESTENA

Réseau Téléinformatique de l'Education Nationale et de la Recherche

7th SIG-ISM Meeting  
15-16/10/2018 Luxembourg

# RESTENA Foundation

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*Research & Development*

# RESTENA Foundation in short

- Missions
  - Typical NREN profile ...
  - Registry for the ccTLD .LU
    - Public service, reaches beyond target community of NREN
    - Currently ~97.500 domain names registered
  - Staff : 16 persons
  - LIX → LU-CIX
    - 1998 founded LIX initiative – operational until 2008
    - 2009 LIX migrated to LU-CIX initiative
    - RESTENA board member
    - 2016 RESTENA fully managing technical part
    - Advisory on security aspects



# Security services for the community

- Security services include
  - Firewall
  - Email Security
  - Anti-virus, Anti-Spam, Spam report contact
  - Network monitoring
  - Used GÉANT Services
    - Firewall-on-Demand
    - Cloud IaaS (used in school lecture for security teaching)
      - Report by GÉANT published
    - TCS → Self-service for institutions and end users(new!)
  - Helpdesk service centre for institutions and end users
- CSIRT service

# CSIRT Activities

- Computer Security Incident Response Team
  - TI-accredited since 2009
  - Triage and Incident response → main issue: TIME!
  - Alerting, notification of parties, monitoring, reporting...
  - No incident resolution
  - Practical research in security
    - Regular presentation of results at TNC
  - Member of cert.lu
    - Initiative to regroup all CERTs in Luxembourg
  - Proactive services
    - Newsletter
    - Alerts

# CSIRT and security awareness

- Security awareness
  - Due to discussions set up a Security Awareness plan
  - End 2017 collaboration between University of Luxembourg and RESTENA-CSIRT
    - No public institution does awareness for higher education
  - Raise awareness next to
    - Researchers & higher education staff members
    - Students
    - RESTENA community
    - RESTENA internal trainings for staff members
  - Use Octobre to plan campaign
    - 2017: small blog
    - 2018: ...

# Awareness activities in 2018

- **Data Privacy Day – 29 January 2018 and GDPR**

- Conference topics
  - GDPR in research
  - GDPR and controls (DPA)
  - Phishing
  - Unknown data leakage
- Full house
- Article in CONNECT
- Decision
  - Yearly conference
  - Next edition 28 January 2019



**Data Privacy Day 2018**

# Awareness activities in 2018

- **European Cyber Security Month 24 Octobre 2018**
  - In framework of cybersecurityweek and
  - ECSM
  - Conference for awareness raising
    - Half-day conference
    - Audience: Employees and Students
  - Workshops and presentations
  - Workshops → full
  - Conference → full
  - Conference will be streamed on Twitter



**CYBERSECURITY** week  
15-20 OCTOBER 2018 **LU**EMBOURG  
LET'S MAKE IT HAPPEN

# Planned security activities

- Awareness raising
  - Conference(s)
  - Newsletter
  - trainings
- Extend activities of CSIRT
  - More resources planned
  - New activities
- Start with ISO27k certification for RESTENA





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**THANK YOU FOR LISTENING!**