12th CENTR Security WG Meeting
Parc-Hotel Luxembourg
17 October 2016

The Luxembourg registry

DNS-LU

Gilles Massen
Most important dates

• 963: Small fort “Lucilinburhuc” was acquired by Count Siegfried
• 1839: The Grand-Duchy of Luxembourg became independent
• 1992: .LU was delegated to the RESTENA project
  – which became the RESTENA Foundation in 2000
• 2017: 11th CENTR R&D Workshop
Numbers

- 590,000 inhabitants
  - ~48% foreign residents
- 418,000 working in Luxembourg
  - ... 43% crossing the border every day
- 97% of households have Internet access
- Surface: 2586km$^2$ – Borders: 356km
- 240V – 50 Hz
DNS-LU by the RESTENA Foundation

• National Research and Educational Network (NREN)
  – Networking (research, all kinds of education – from primary schools to university)
  – Services
    • CSIRT, email, certificates, hosting, eduroam,...

• registry for .LU

• technical operator of LU-CIX
RESTENA Foundation

• not for profit
  – NREN activities government funded
  – DNS-LU self funded
• board of directors: government, higher education and research
• 15 employees (Nov 2017)
• DNS-LU
  – 93807 domain names (yesterday at 20:55)
  – 15704 by direct registration (8328 in legacy system)
  – 871 DNSSEC signed
  – 619 IDN
  – 52 registrars
Questions?
Feel free to talk to us!

Enjoy your meeting
and stay in
Luxembourg