UNINETT? What? where?

- UNINETT develops and operates the Norwegian national research network, which links together domestic educational and research institutions and connects them into international networks.
UNINETT

- Serving 75+ customers
- Approx. 300 POPs
- Approx. 400K end users
Our main product:

Forskningsnettet
IP–topologi
Status 1. januar 2008

- 10 Gbit/s
- 2.5 Gbit/s
- 1 Gbit/s
- 100–155 Mbit/s
- 34 Mbit/s
- 2 Mbit/s

UNINETT
UNINETT CERT

- Established 1995
- Constituency:
  - All customers within our address space
- Virtual team organized within the NOC
  - Core team: 4 persons working part time
- Member of FIRST since 2000
- TI Accredited Team since 2001
UNINETT CERT

- Work profile:
  - Incident prevention
    - Security audits
    - IRT-courses
    - Best practices
  - Incident handling
    - Mostly coordination, but still a few "hands on" cases
    - Workload: approx 5000 incidents/year
UiO CERT

- University of Oslo is by far our largest customer
- Established 2002 but went dormant for various reasons
- Revitalized in 2006 and at this point:
  - TI Accredited Team Jan ’08
  - Core Team: 8 persons + access to other resources when required
Current development efforts

- Further RTIR-work
  - Extensions and integration
- Passive DNS monitoring
- Flow visualization
  - Ongoing masters thesis
- Anomaly detection
  - Testing techniques of varying complexity
- Child Sexual Abuse Anti-Distribution Filter
Current development efforts (2)

- Scripting and extending nfdump/nfsen
  - e.g. internal per-organization aggregation
- IPv6 flow collection
TF-CSIRT

- UiO CERT and UNINETT CERT will host the May ’08 meeting in Oslo
- Stay tuned on the TERENA website for details
- Welcome!
Questions?