

Cloud Computing



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RESEARCH QUESTION

Define Cloud Computing in context of the higher education and research community in general and of an NREN in specific.

CLOUD COMPUTING

SaaS

PaaS

STaaS

IaaS

GRID
computing

Utility
computing

COMMODITY HW

- Scalable
- Manageable
- Price

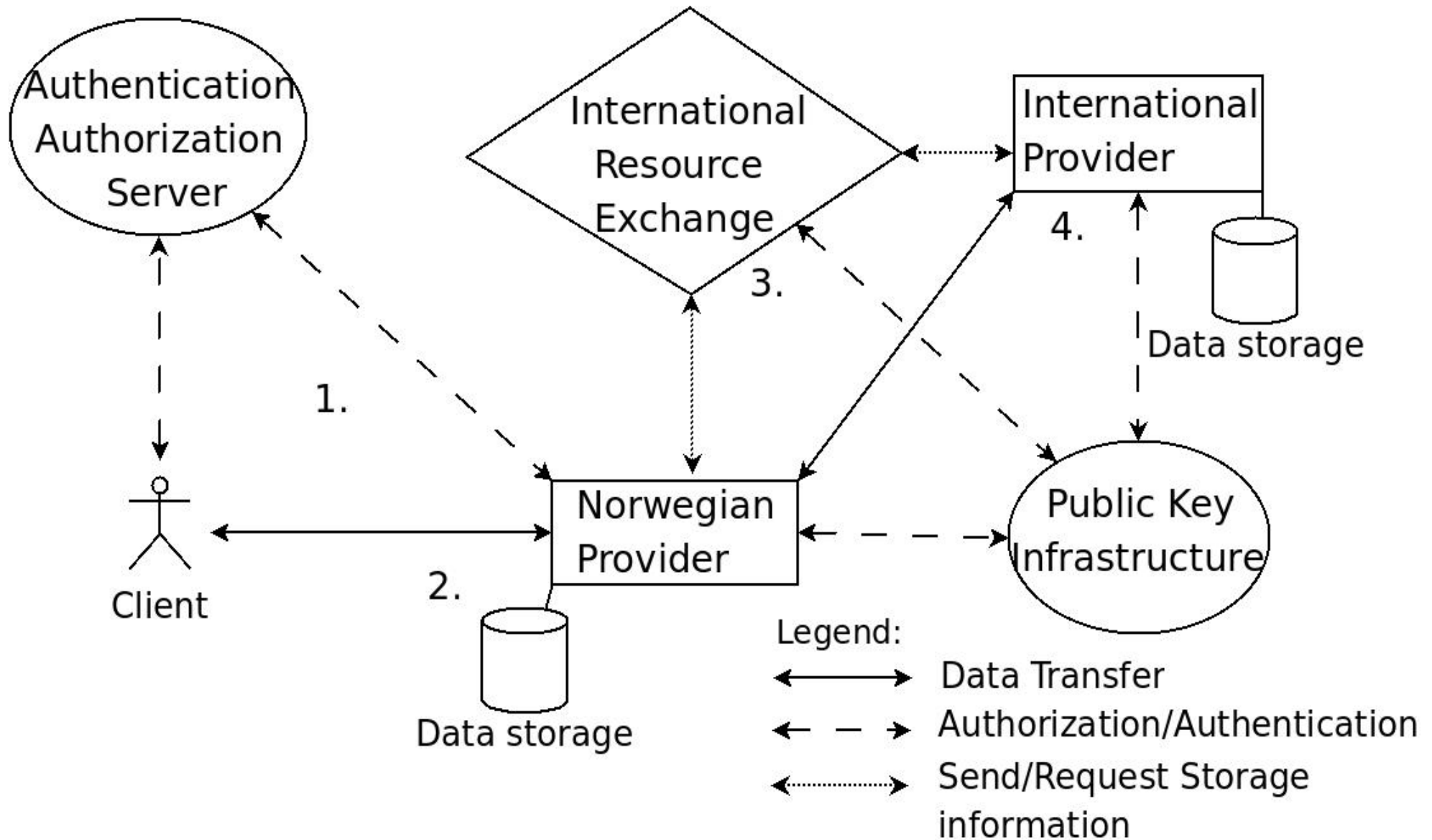
USE CASES

- Back-ups
- Data archiving
- Physics data
- Media files
- NorStore project
- Test environment
- HPC:
 - Learn environment
 - GRID-infrastructure
 - Cluster
- NOTUR project

CURRENT LIMITATIONS

- Vendor-lockin
- No interoperability
- New concept
- Legal questions

VISION OF THE FUTURE



QUESTIONS



Google File System

