

NRENs/GEANT requirements on AAA

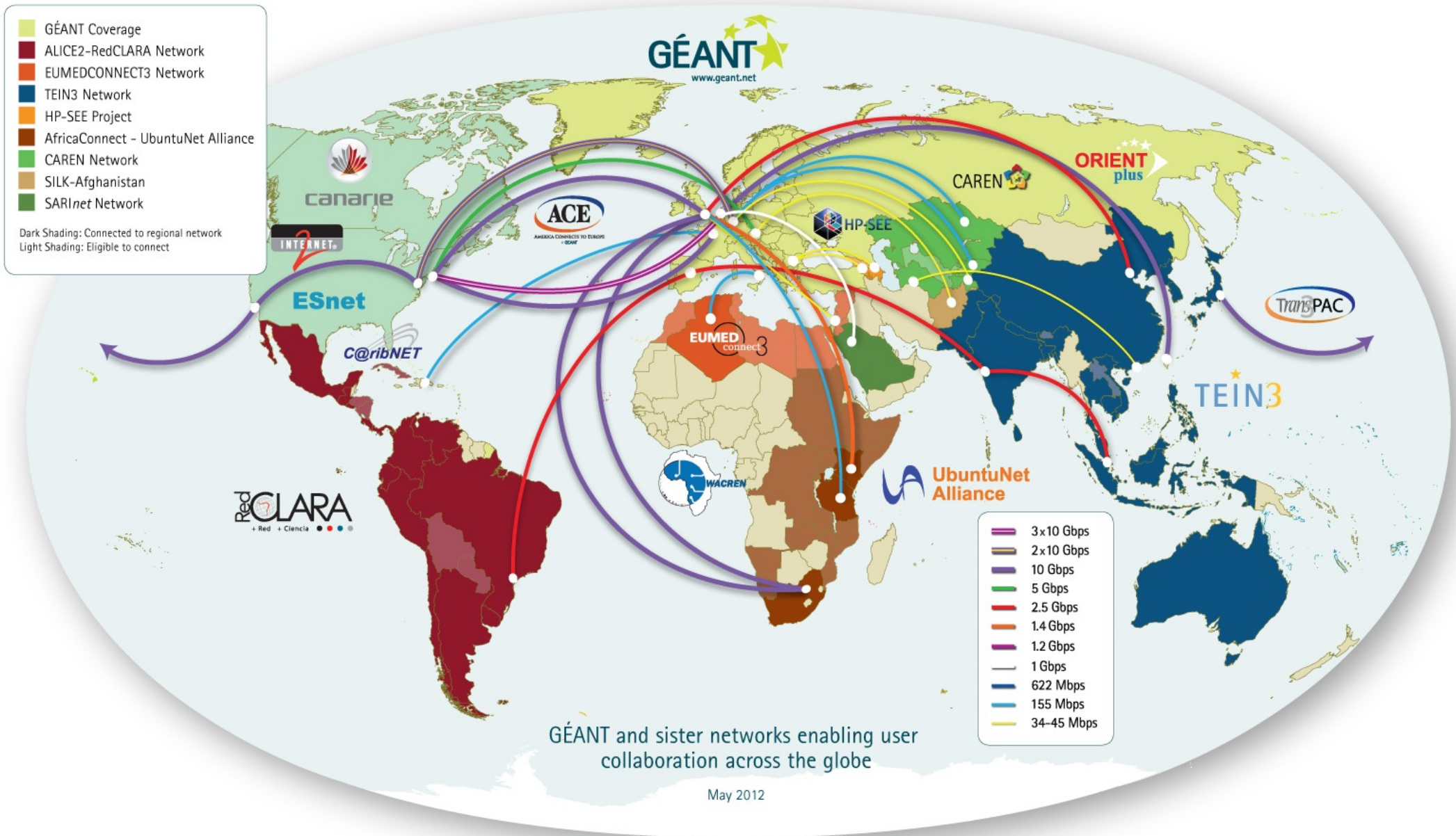
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- NRENs – serve the “education” sector in a country.
- Normally through providing excellent internet connectivity as well as other services
- Institutions employee researchers, staff and enrol students
- In the AAI-world the inst are the “last mile”, connecting the actual user with the digital identity used

- GÉANT is the best connected research network in the world!
- The GÉANT network connect 34 NREN partners.
- GÉANT connect more than 8000 inst and 40 million users
- EC and NRENs fund GÉANT
- GÉANT offers services in the AAI-area to NRENs and others

GÉANT At the Heart of Global Research Networking



- NRENs and GÉANT are evolving into more than providing excellent network connectivity – NRENs and GÉANT offer services as well
- In order to be able to offer services on a large scale NRENs need an identity infrastructure.
19 GÉANT partners have an identity federation today.
- Why do we have id-federations at all?
- AAI is the underlying infrastructure for most services!

- A success story, based on AAI:
eduroam – “open your laptop and be online”

- What do we need to be able to create future success stories?
- **We need:**
 - Interfederation!
 - Contracts between many partners doesn't scale!
 - Legal issues, data protection both within and outside of EU!
 - nonWebSSO
- The technology is in place to solve this today!

- What are our challenges?
- The common denominator is the identity of the researcher/student.
- This id is “owned” by the univ – “the last mile”
- How do we create an environment where the univ “offer” identities to large pan European science projects?
- We are different from Google!
5 big ones (Google/Microsoft/Twitter/LinkedIn/Facebook)
versus 8000 inst in EU?? We need low entrance barriers!

- Questions and comments!