

Harmonizing govroam worldwide

Same eduroam-technology, **another** community



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Agenda

- ▶ Today's goal
- ▶ Short update rollout govroam NL and BE
- ▶ Background/Fresh up:
 - ▶ Goal of internationalization
 - ▶ Agreement Belnet/govroam-NL
 - ▶ government security policies/restrictions
 - ▶ Discussion paper
- ▶ Next steps and discussion

Today's goal

- ▶ Harmonize
- ▶ Prevent (future) diversification govroam rollouts worldwide
- ▶ Discussion

Update govroam Belgium



► Achievements:

- govroam operational service
- Federal ICT services organisations have signed up, promoting it
- Standard fee applied

#users	<50	<500	<5000	>5000
Installation fee (one-time)	2500€ excl. VAT	2500€ excl. VAT	2500€ excl. VAT	2500€ excl. VAT
Annual fee	500€ excl. VAT	1500€ excl. VAT	2500€ excl. VAT	4500€ excl. VAT
Administration fee (contract changes)	500€ excl. VAT	500€ excl. VAT	500€ excl. VAT	500€ excl. VAT

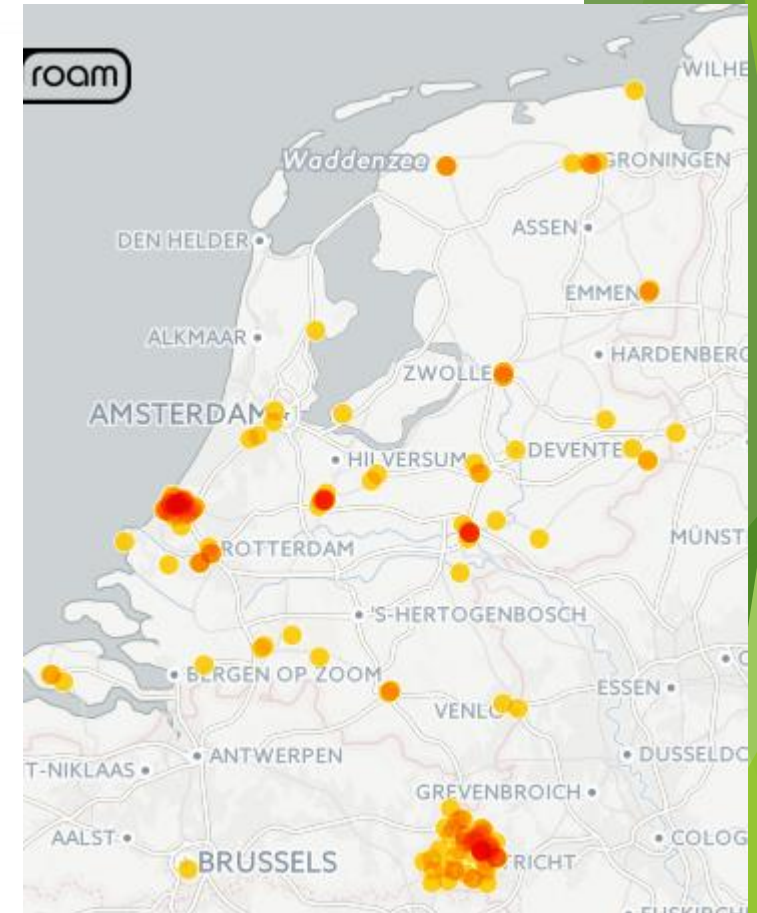
- govroam movie internationalized (English spoken, French/Dutch subtitles):

<https://vimeo.com/153025107>

Update govroam-NL



- ▶ 32 organisations, >50.000 (potential) users
- ▶ Central government pilot finished: recommendation to deploy: has started!
- ▶ Formally part of specs for central government work spaces
- ▶ Security audit (by government) successful
- ▶ Comply or explain: WPA2 enterprise is taken into standards
- ▶ Local governments: centralised organisation starts project to deploy govroam @ municipalities before end 2017



Contract details Belnet and govroam-NL

- ▶ Bilateral agreement, peer-to-peer (equal sides)
- ▶ govroam-NL -> independent foundation
Belnet -> Belgian NREN, also delivering their services to governments
- ▶ Cooperation:
 - ▶ Jointly further development and rollout
 - ▶ Uniform service, accessible for each others' community
 - ▶ Technique and procedures equal to eduroam (GEANT confederation policy doc)
 - ▶ Have contact person available for each other

More contract details...

- ▶ Connection:
 - ▶ Peer-to-peer, agreed to maintain the service “properly”
- ▶ License:
 - ▶ govroam is registered trademark of Belnet in Europe
 - ▶ Belnet grants exclusive license for the Netherlands to NL-foundation (free of charge)
 - ▶ Cooperate for uniform logo, domain names, use of the name govroam, etc. in order to re use internationally
- ▶ External communication:
 - ▶ As much univocally as possible
 - ▶ Consult each other before (international) communication
 - ▶ Created video together (link)

Expanding govroam community

- ▶ We would like you to join this “operational” govroam initiative
- ▶ Agree on common denominator (taken into account operational...)
- ▶ Countries may apply stricter rules nationally
- ▶ Open for new ideas (but constrained due to operational service)

Recap discussion paper

- ▶ Operate jointly with the further development and international cooperation of govroam and eduroam
- ▶ International strategy aiming on one govroam service worldwide (but not necessarily roaming allowed?)
- ▶ Autonomous within each country
- ▶ Non-profit operators
- ▶ No divergence in technology!

Next steps...

Proposed terms of reference:

- ▶ <https://wiki.geant.org/display/TFMNM/govroam>
- ▶ To development **one** international govroam service;
- ▶ To establish compliance, interoperability and **governance** development for govroam;
- ▶ To allow per territory deployment via non-profit operators (and NREN crossover);
- ▶ To support close co-operation with the NREN/GÉANT community;
- ▶ To define the **meaning of “public sector”** as a target group;
- ▶ technological and operator **divergence avoidance**.

govroam workplan

- ▶ Website, wiki and communication support.
- ▶ Definition of organisation and user eligibility
define proper involvement of governmental organisations without disrupting eduroam
- ▶ govroam compliance statement.
- ▶ securing rights.
- ▶ Support for implementation discussions.
- ▶ Exploring existing tools (CAT, govroam companion app, ...)
- ▶ Branding (eduroam.org, logo, claim all your govroam.xx country sites!)

Discussion

- ▶ Harmonization
- ▶ Technology equals eduroam: proven technology
- ▶ Governments have strict rules for security and governance in comparison with R&E sector
- ▶ VPN is on top of, not part of govroam
- ▶ Hotspot 2.0 is future, need for something now
- ▶ Every country needs to be able to define which organizations may use govroam, however to support international roaming, we have to agree to one “group”: public sector.
- ▶ Users should never pay fees to access govroam (but subscribing organisations may)