

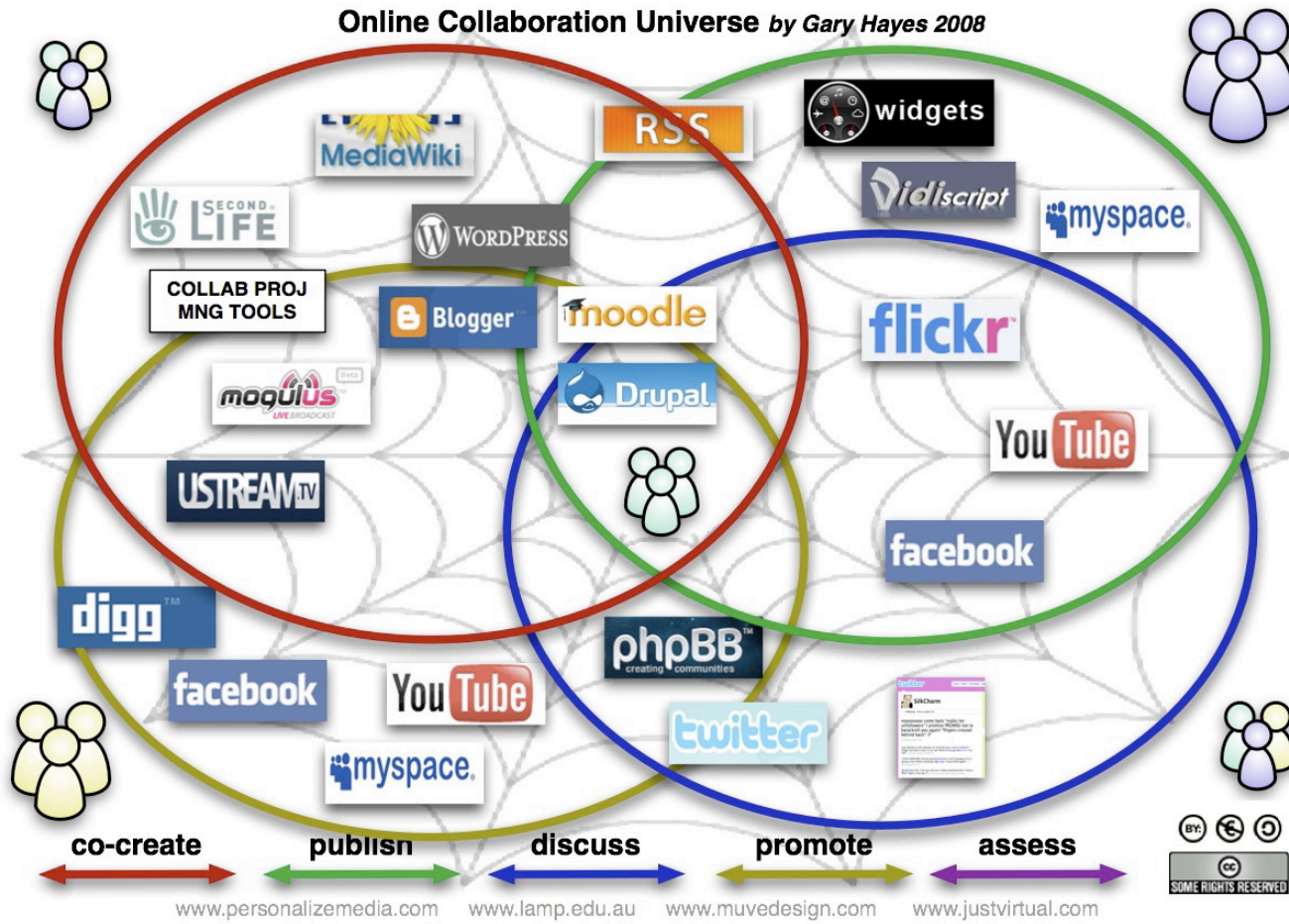
GN3plus JRA3 T1 Attributes and Groups in the AAI environment

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APAN38 - Nantou

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Collaboration



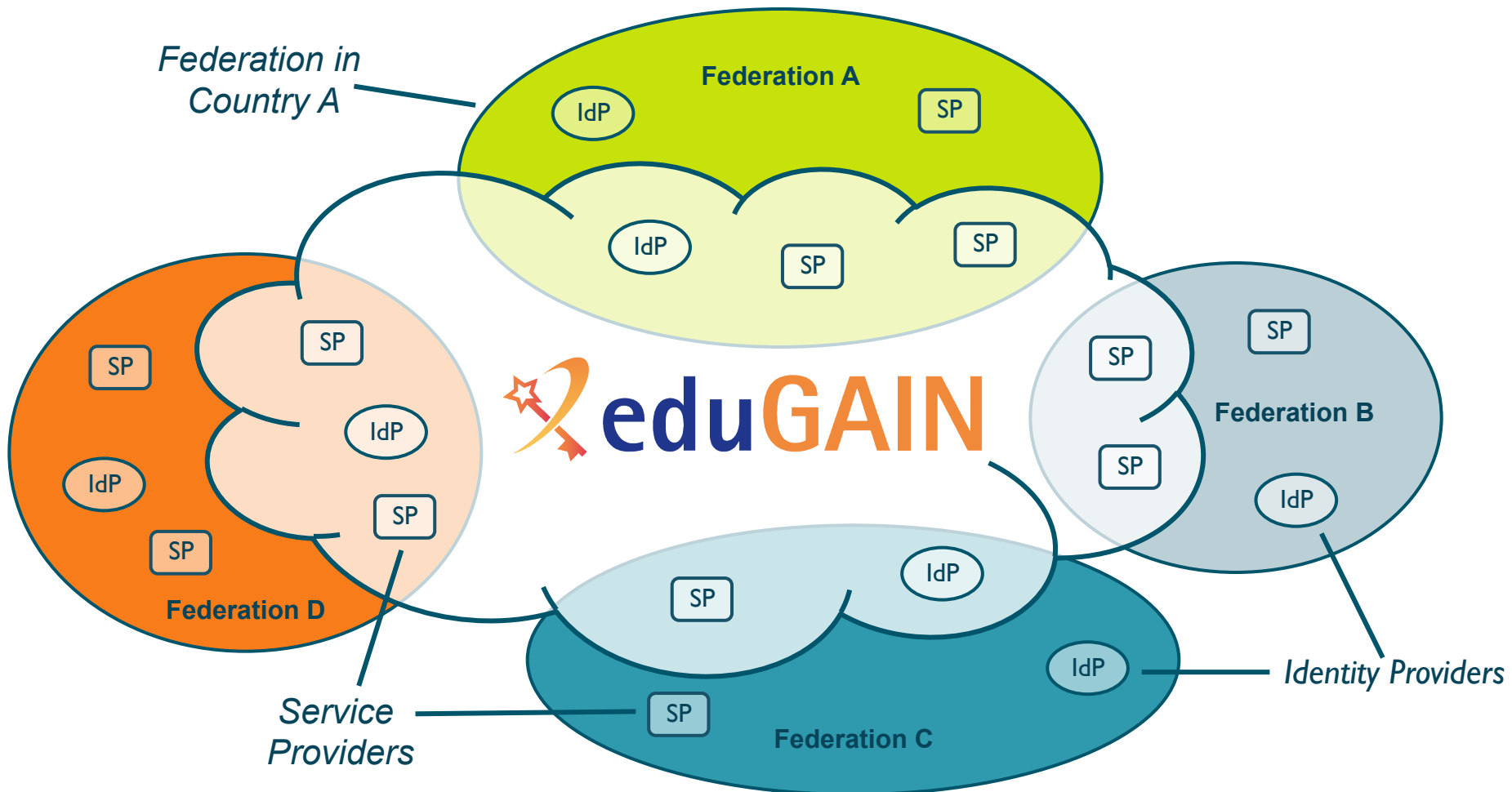


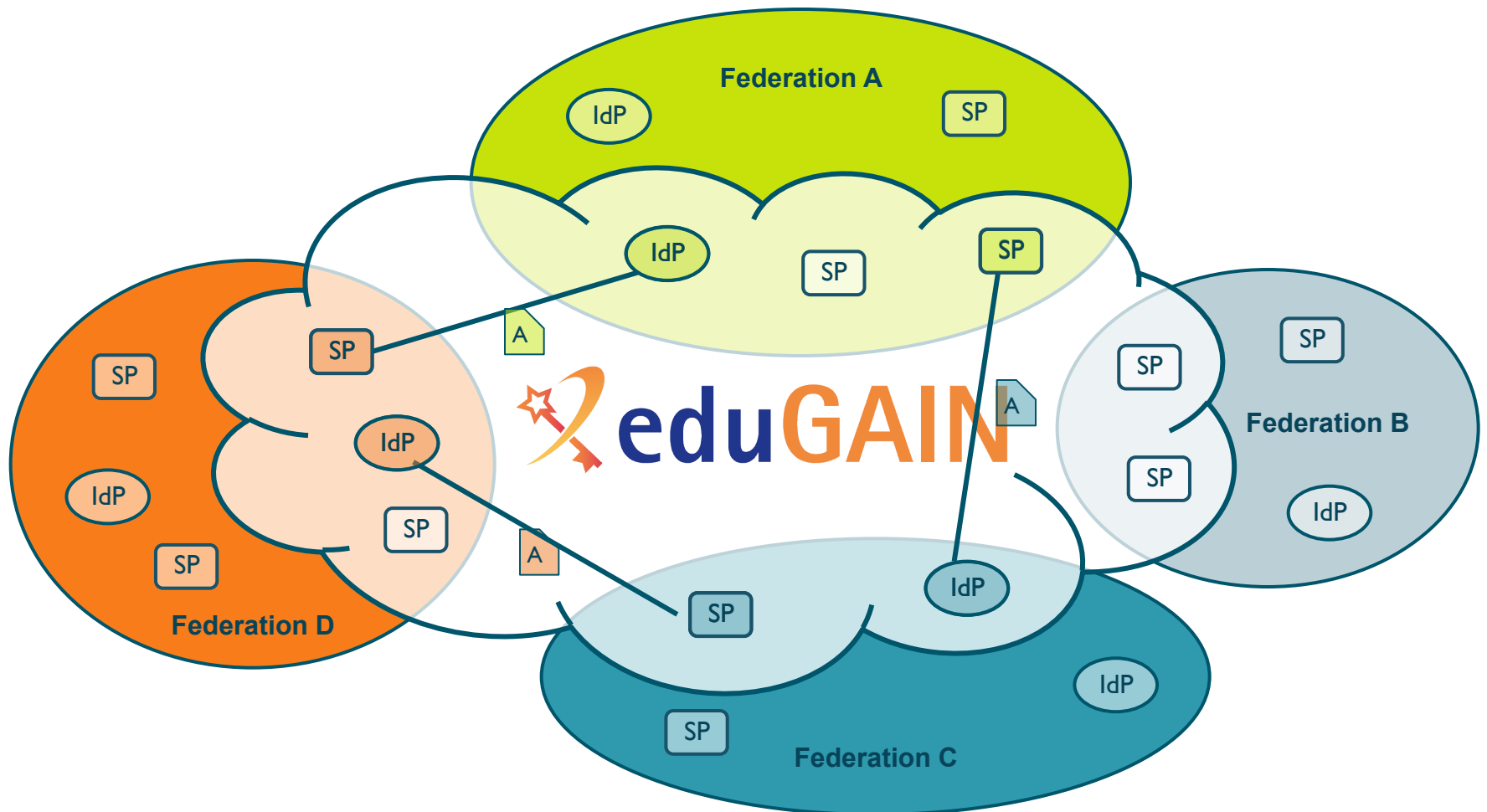
eduGAIN

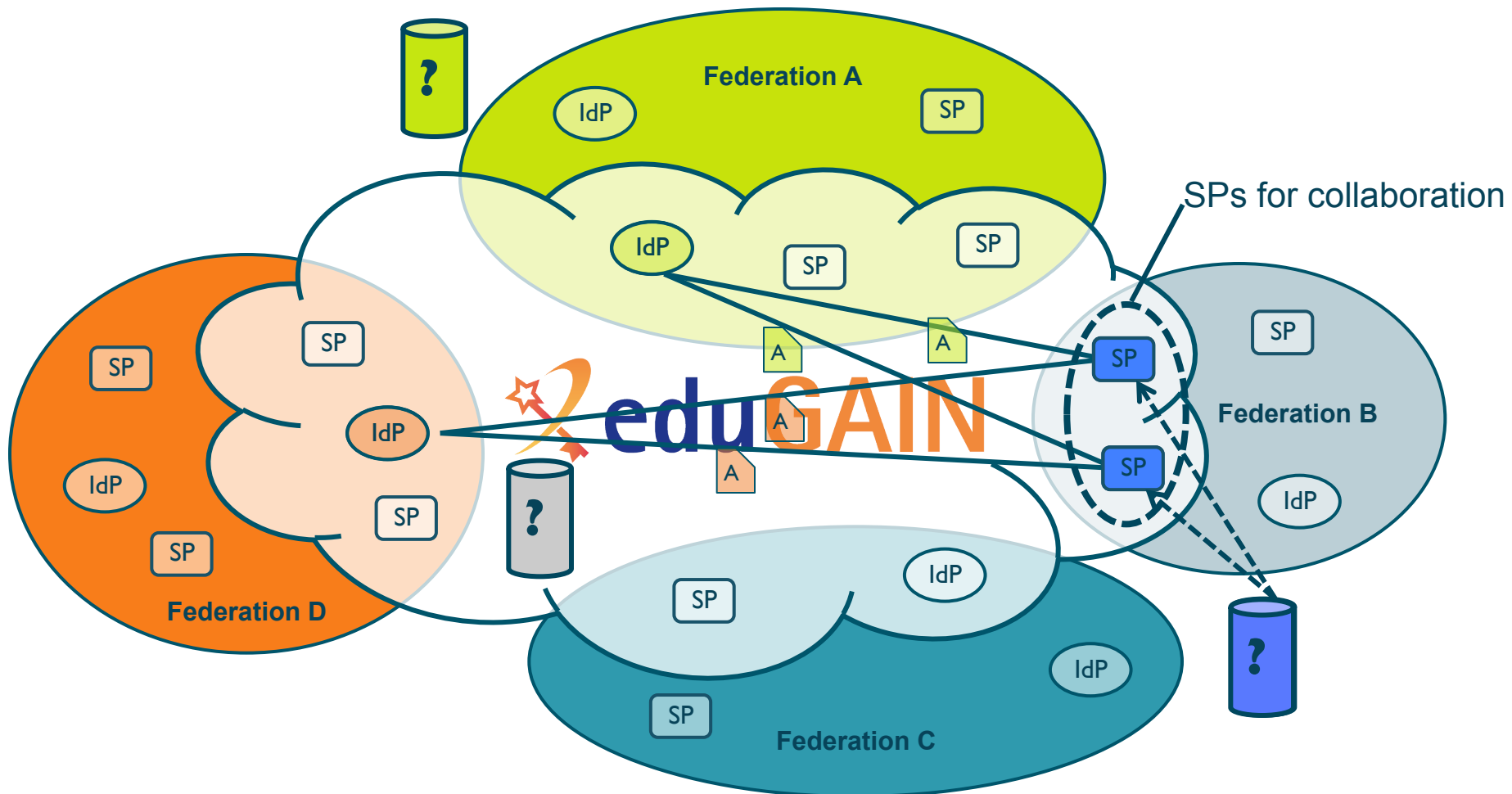
Is getting more and more members!

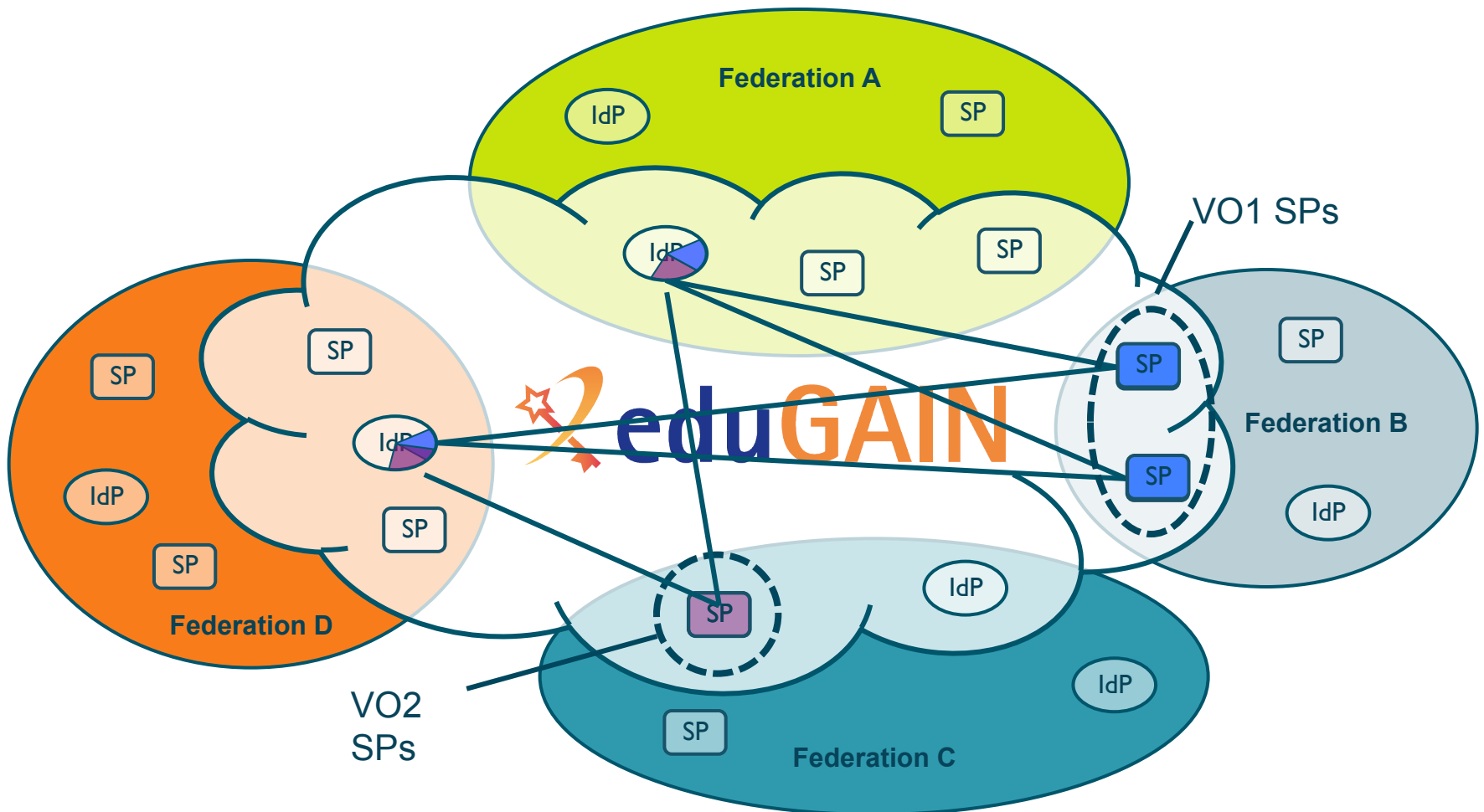
Opt-in by default gaining momentum

Code of Conduct /
Entity Category

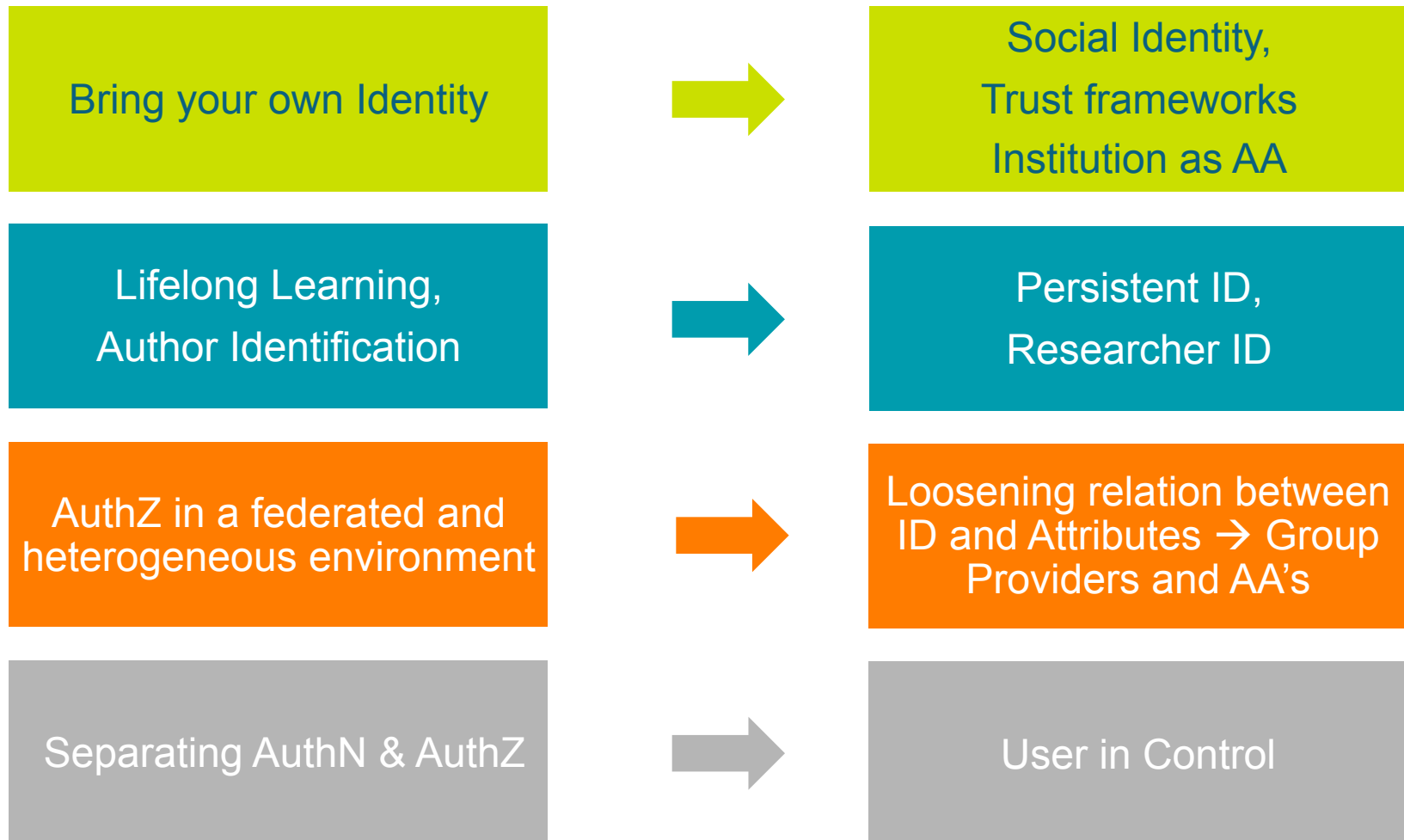








What's more to expect?!



GN3plus - Innovation through collaboration for delivery of advanced networking services



- Building the GÉANT “eco-system” through development and delivery of a world-class networking service portfolio:
 - Flexible connectivity options & test-bed facilities
 - Performance tools & expertise
 - Advanced AAI, cloud and mobility services
- Collaborative research into state-of-the-art technology
 - network architectures - mobility, cloud, sensor, scientific content delivery, high-speed mobile
 - identity and trust technologies
 - paradigm shifts in service provisioning and management
 - influencing global standards development
- **Open Calls** to widen the scope and agility for innovation



Delivering innovative services to end users, their projects and institutions across Europe and beyond: secure access to the network and resources they need, when and where they want it.

GN3plus Project

Joint **R**esearch **A**ctivity № **3** → Identity Federations

Task № **1** → Attributes and Groups
in the cross institution environment

To end Q1 2015



Group Management across
organisations (using
Grouper)

Group Protocol (VOOT)

AA: What's out there

Studentness /
Simple Validation Service

Use of centralised group management at the federation level for authorisation purposes

Authorisation information a delegated to a specific system

Leveraging Attributes Authorities using tools like Grouper



Proof of Concept using Grouper and 3 SPs

Grouper as SAML AA implementation guide &
Feasibility report on the set-up available

<https://wiki.terena.org/display/gn3pjra3/Grouper+in+a+cross+organisational+context>

VOOT Use cases

VOOT specification v1

Finalised draft, gathering review comments

<https://wiki.terena.org/display/gn3pjra3/VOOT+specifications>

VOOT Standardisation

Engaging with IETF (SCIM WG)

VOOT very close to SCIM

(re)Work to close the gap

VOOT Protocol (High-level)



Information about me
`{BASE}/me`

The groups that I am member of
`{BASE}/me/Groups`

List of members of a group
`{BASE}/Groups/{GROUPID}/members`

The role for a given combination of user and group.
`{BASE}/Roles/{GROUPID}/{USERID}`

Querying for public groups
`{BASE}/Groups?search={SEARCH-TERM}`



There are many kind of tools to support Collaboration

Each having it's own distinct strengths



Heterogeneous environment both
Organisational and Technical

Draft White paper together with HEXAA and PERUN
on the problem space in the heterogeneous
environment

Fields for cooperation and standardization

Creating an overview (end Q4 2014)

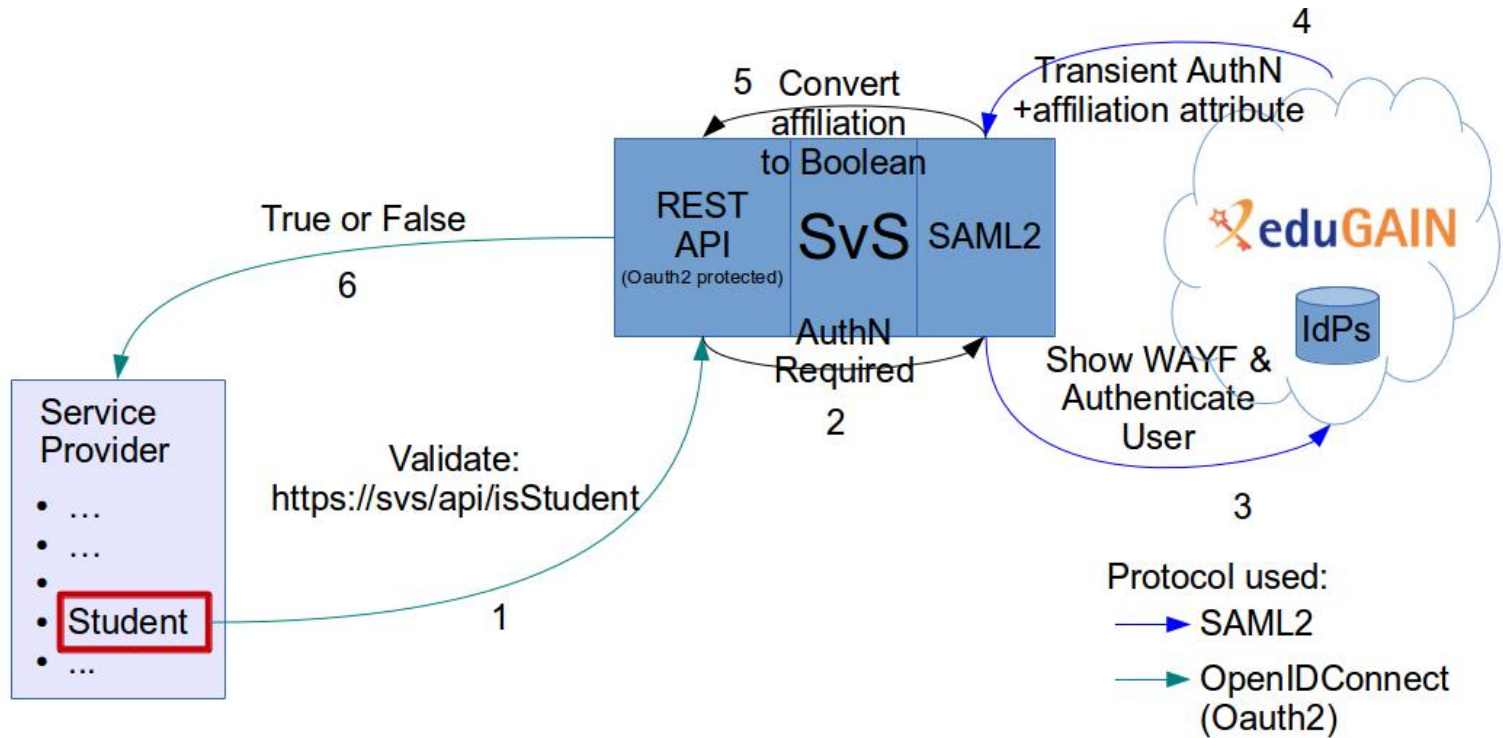
Validate Studentness

Added value for services who collect their own attributes

Usecases in the (non) educational world:
discounts

[https://wiki.surfnet.nl/display/SvS/
SimpleValidationService+Home](https://wiki.surfnet.nl/display/SvS/SimpleValidationService+Home)

Simple Validation Service



More information:

<https://wiki.terena.org/display/gn3pjra3>

(Federated login possible !)



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Thank you!

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