



Above the net: supporting education

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What do we mean by services for education?

Aren't (should not) all our services supporting education ?

Well yes they are :)

We identified requirements....

Requirements that focused on identity and access management were channeled towards eduGAIN - We built MyAcademicID to ensure that eduGAIN could be used and implemented solution to cater for the lack of R&E federated identities

Requirements for commercial services were supported via OCRE and national/regional procurements.



‘New’ requirements for education

- Student Mobility Services directly enabling mobility, for example, the Erasmus+ programme.
- Services that **transfer student records or transcripts of records between educational institutions.**
- University Alliances where courses and students’ records are shared across (some of) the universities of the Alliance.
- LMS and support for online courses particularly in the case of online universities



The big picture

New Layer
(also infrastructure)

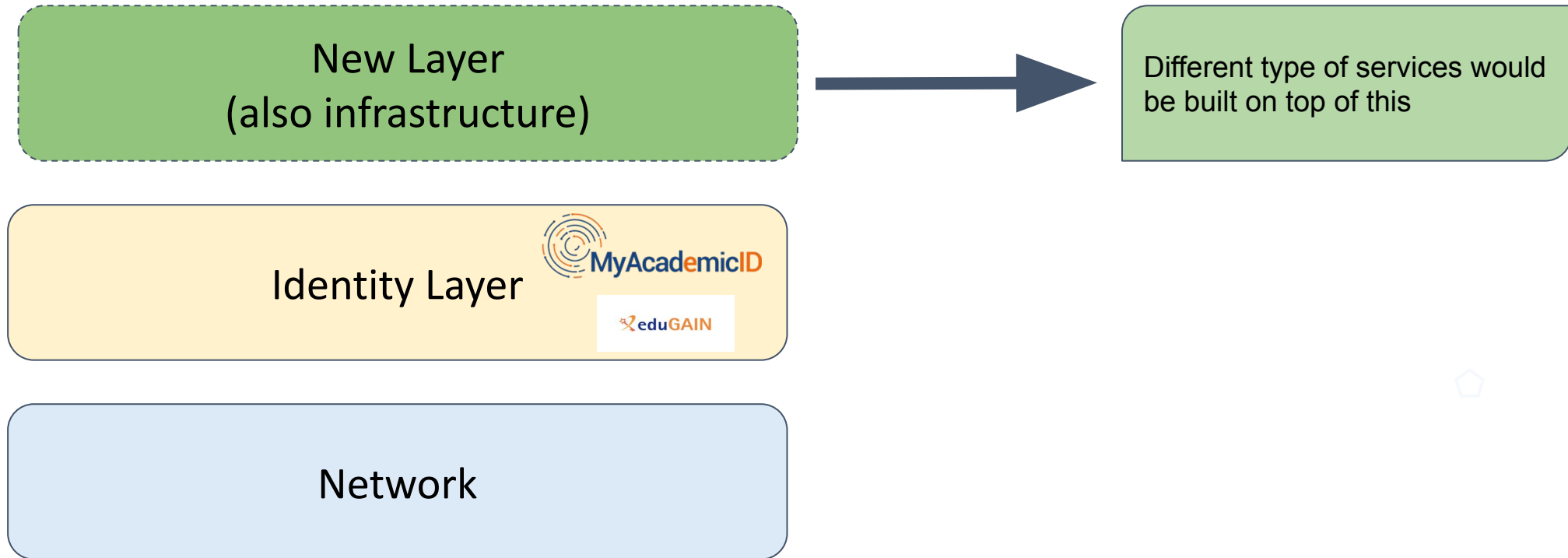
Identity Layer



Network

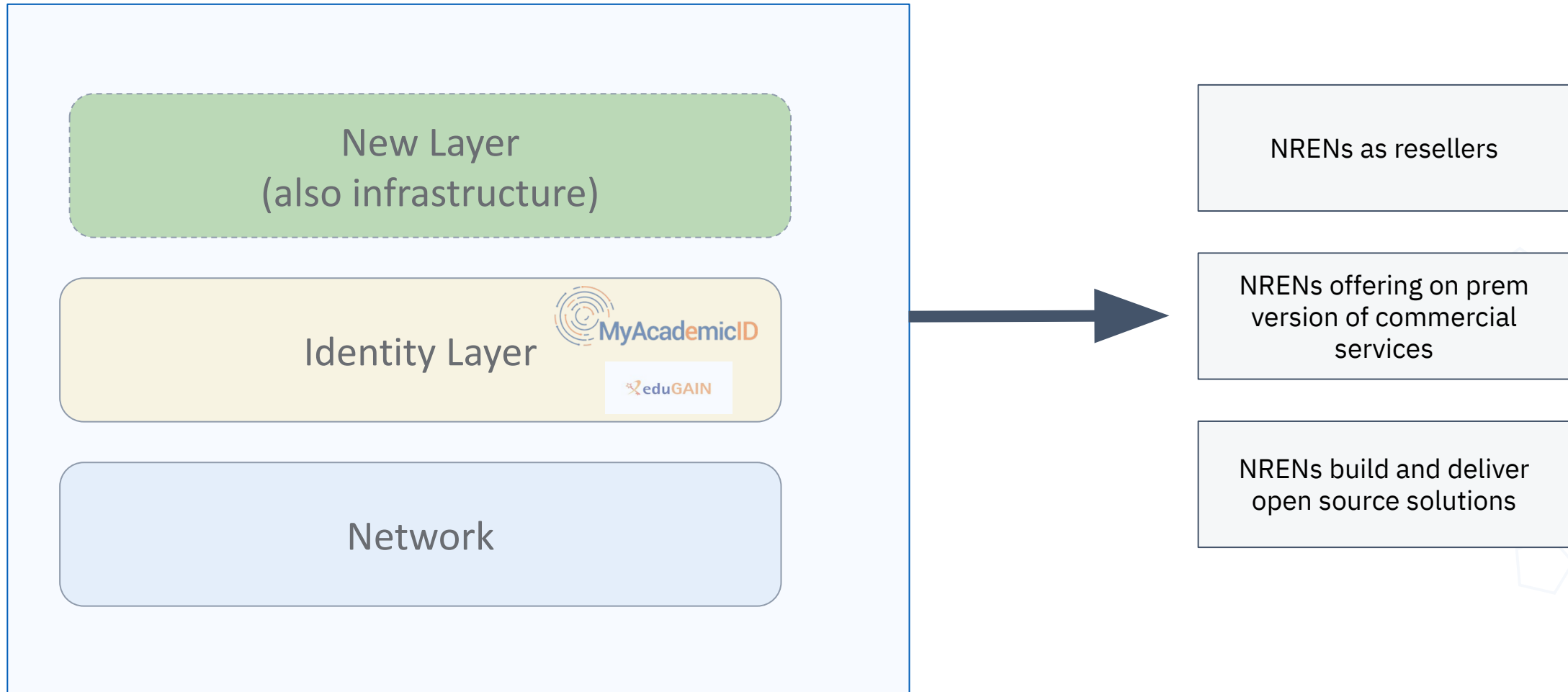


The big picture



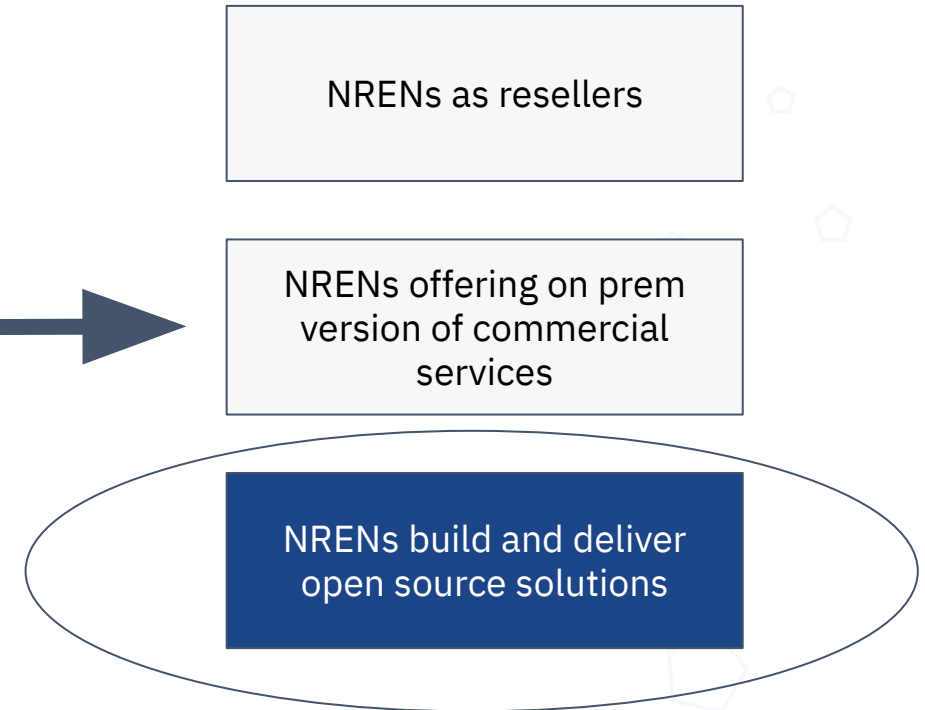
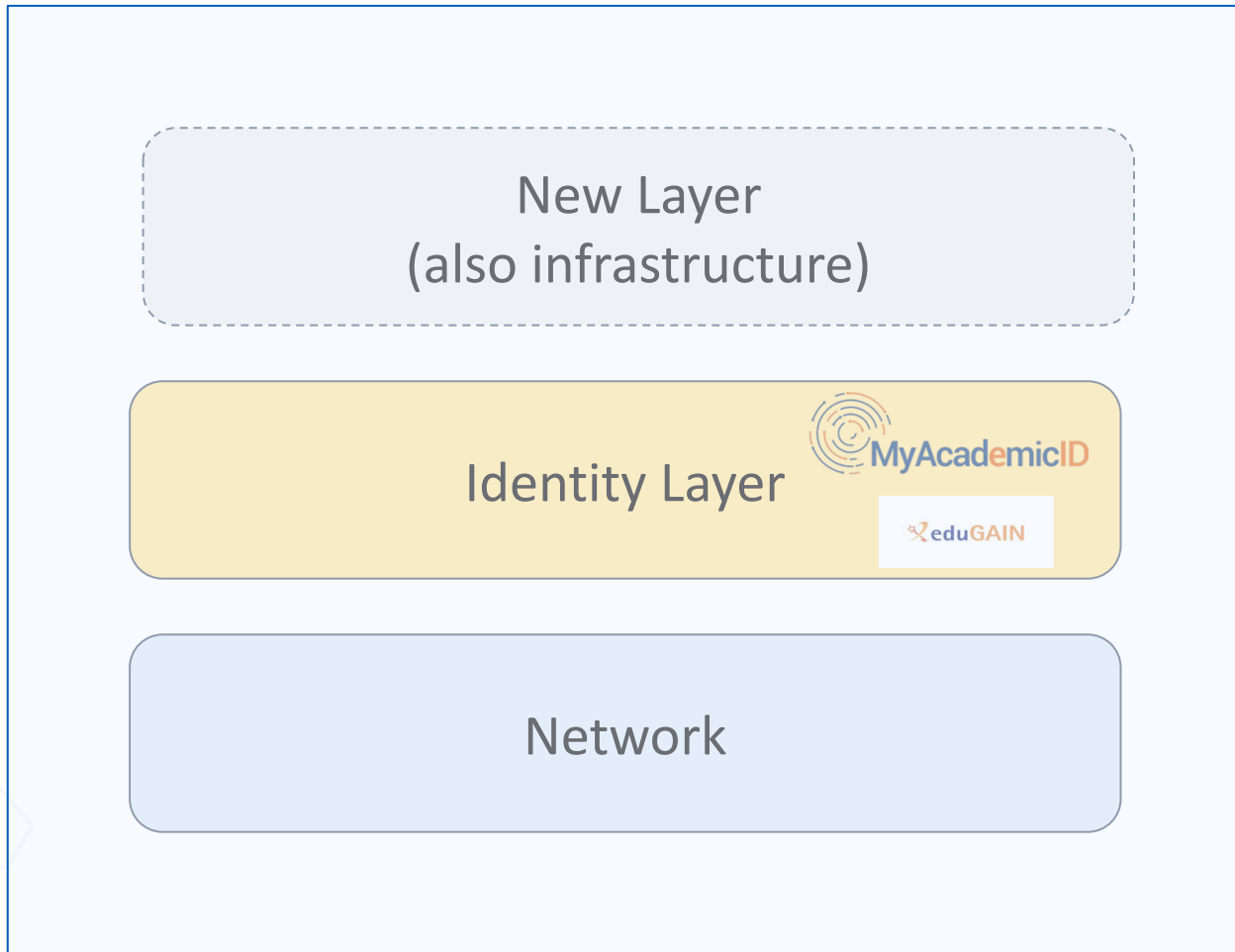


The big picture – high level grouping of service offering





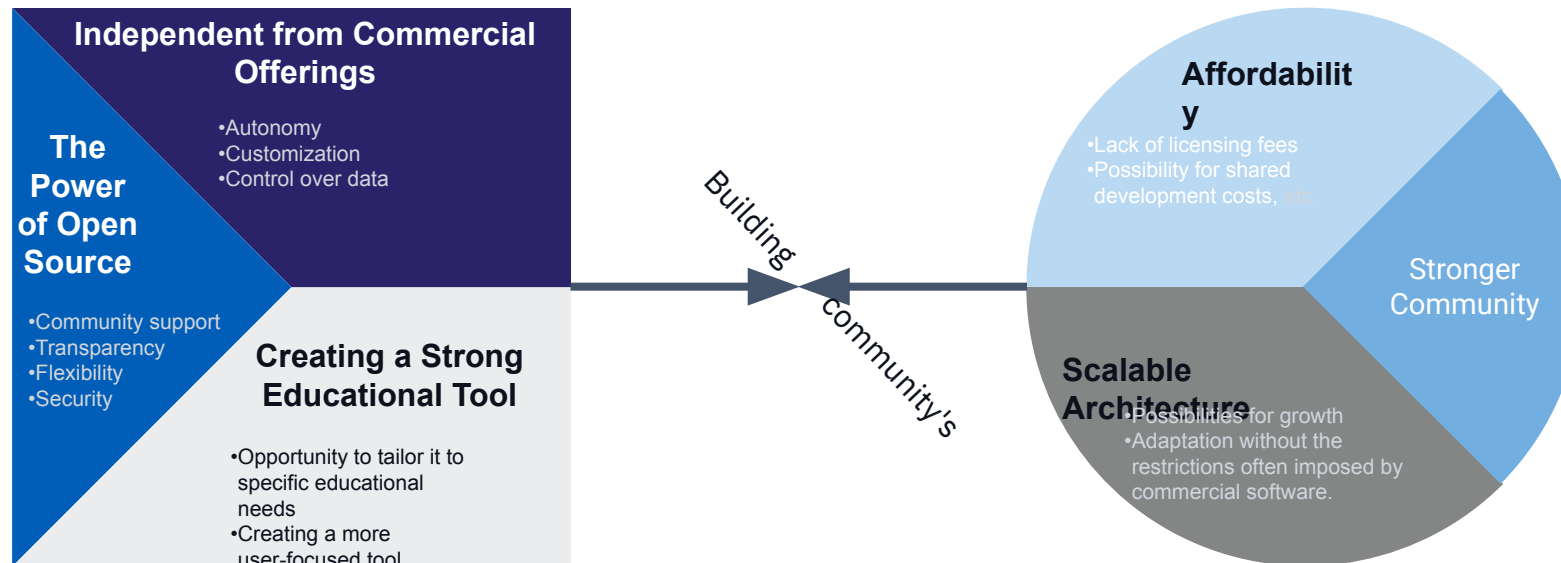
The big picture – high level grouping of service offering





NRENs build and deliver open source solutions

- Why?
 - Normally this happens when there is no suitable commercial offering that can support our needs
 - But also it may be a good idea to have solutions given the very unpredictable commercial sector
- There are some good examples where this worked well:
 - InAcademia, eduVPN, eduTEAMS (Core AAI), filesender, others..
- And then there is eduMEET...



INDEPENDENT FROM COMMERCIAL OFFERINGS: BUILDING A STRONG, SCALABLE AND AFFORDABLE EDUCATIONAL TOOL



The open source path

The success stories are mostly cases in which a service is developed and offered as a service or pre-packaged in such a way that it can easily be integrated.

We need to move away from the idea that we can deliver only a software stack

We need to define a baseline and comply with that for things that aim to go beyond a proof of concept.

Beyond a PoC, a delivery model needs to be identified together with a product owner to evolve the MVP

Something to think about for the GN5-2 project?



Another aspect of the open source: APIs

Scenario: Different universities often get the same commercial products and all struggle to integrate them.

Would that be possible for this group to identify the most commonly used education tools at unis?

Would that be possible for this group to work with some NRENs and unis to maybe create some APIs or an how to to facilitate the integration process?