eduID.it

un progetto con INDIRE per Erasmus+

Davide Vaghetti - GARR

WORKSHOP GARR 2021

NET MAKERS

eduID.it: un progetto GARR e INDIRE



eduID.it permette agli studenti degli Istituti afferenti di accedere ai servizi Erasmus+ tramite eduGAIN



INDIRE coordina l'Agenzia Nazionale Erasmus+



GARR ha realizzato e gestisce la piattaforma eduID.it

Agenda

- European Student Card Initiative: Erasmus+ going digital
- European Student Identifier (ESI)
- MyAcademicID
- eduID.it

Digitalizzazione dei servizi Erasmus+

EUROPEAN STUDENT CARD INITIATIVE

Simplifying, facilitating, connecting.

MyAcademicID

*enable every student to easily and **safely identify** and register themselves electronically at higher education institutions within Europe when moving abroad for studies, eliminating the need to complete onsite registration procedures and paper work.*

European Student Identifier Specification

European Student Identifier Specification

Version: 1.0

Comments: esi-wg@lists.geant.org

Globally Unique: Each student should be uniquely identified across organizational and national boundaries

Persistent: The identifier should follow the student while he/she is on student mobility

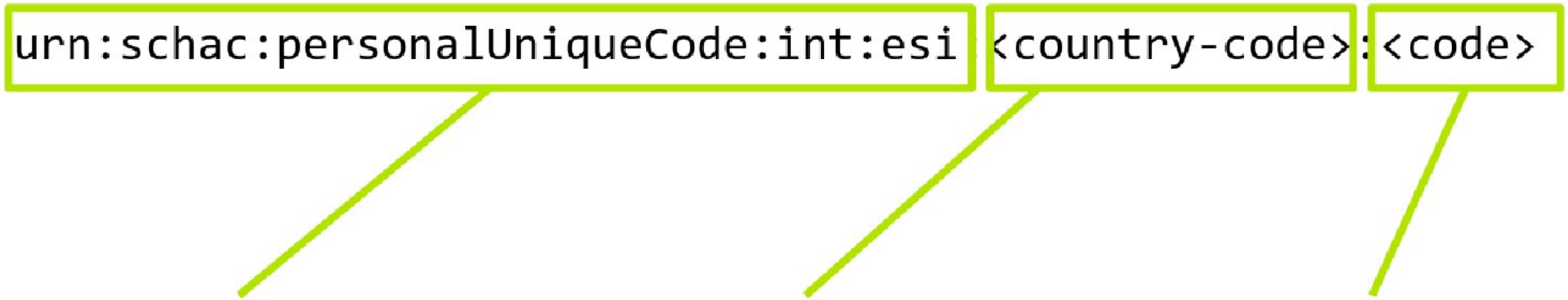
Non-targeted: The identifier should be the same for all services involved in the student mobility processes

Protocol neutral: The identifier should not change value depending on the protocol used. For example, it should be the same regardless of whether SAML or OpenID Connect is used

Data transport neural: The identifier should not change value depending on how it is transported. For example, the students should be identified by the same identifier regardless if the it is through a federated authentication flow or a back-channel transfer of records.

ESI nation-wide

ESI with nation-wide (or region-wide) scope student code



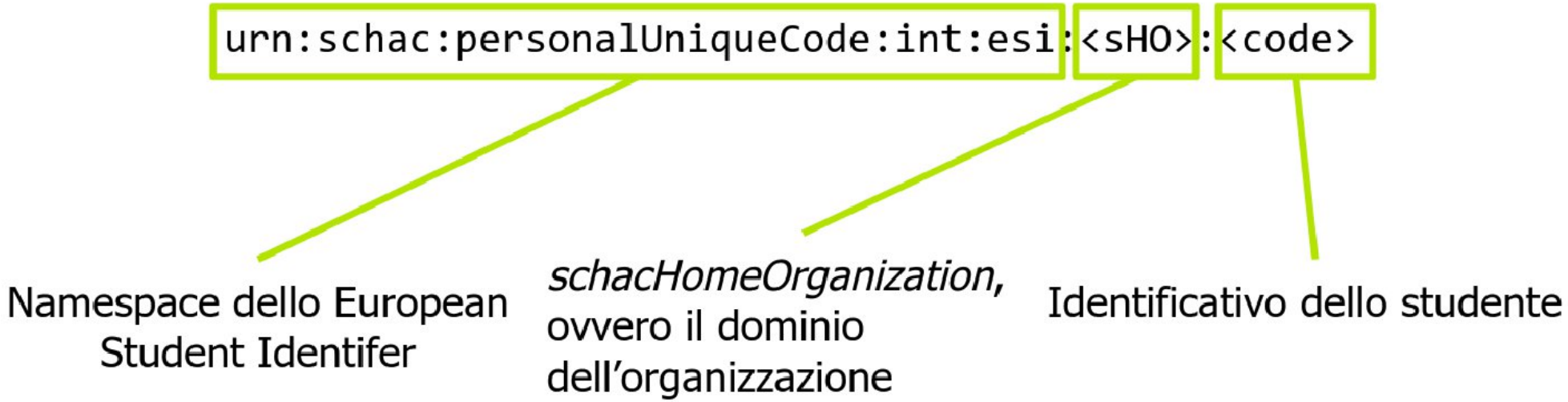
Namespace dello European Student Identifer

Codice nazionale ISO 3166

Identificativo dello studente assegnato a livello nazionale

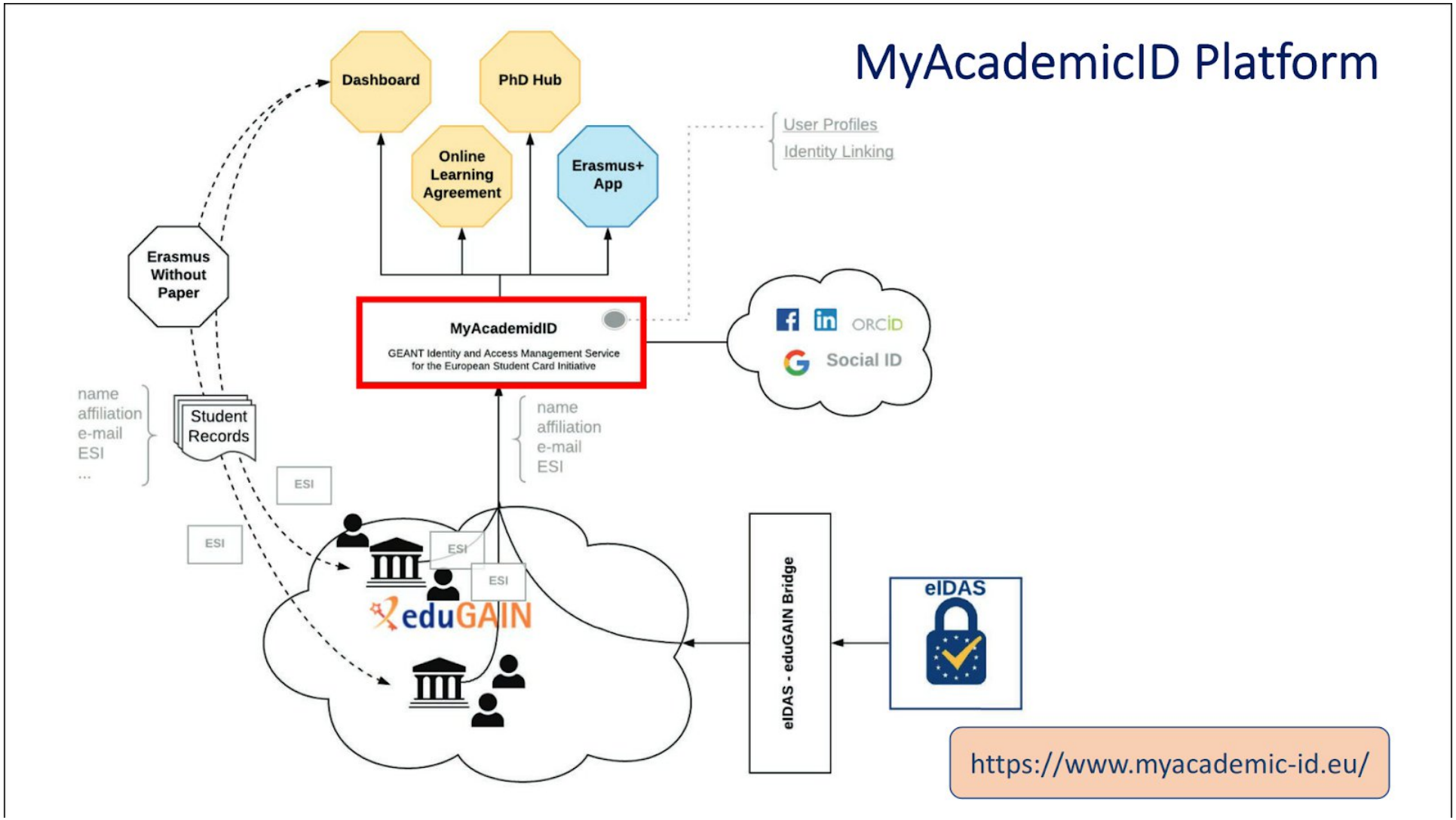
ESI HEI-wide

ESI with HEI-wide scope student code



urn:schac:personalUniqueCode:int:esi:unipi.it:175855

MyAcademicID: accesso ai servizi Erasmus+ via eduGAIN

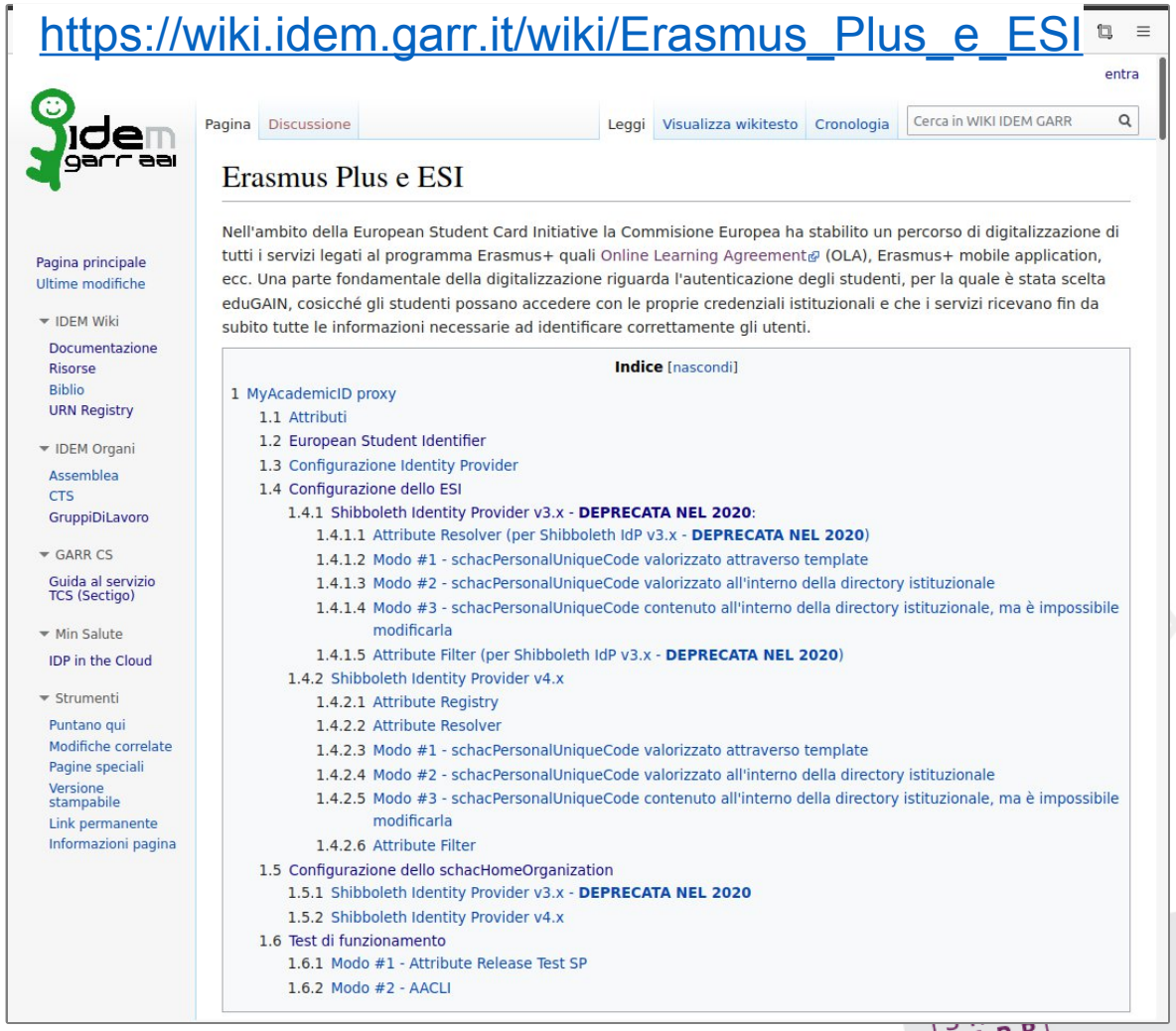


MyAcademicID: attributi

Attribute or Claim	Needed for
Authentication Protocol Identifier	Persistent NameID, eduPersonPrincipalName, eduPersonTargetedID, eduPersonUniqueId, eduPersonOrcid, subject-id, pairwise-id: The services requires to uniquely identify users throughout the student mobility process. Without some kind of unique identifier, it is not possible to distinguish between two different users.
cn | displayName | sn + givenName	The Erasmus process needs to know the name of the person participating in the student mobility process.
mail	The service needs to be able to contact the user regarding the status of student mobility process.
schacPersonalUniqueCode	The attribute used to define and transport the European Student Identifier.
schacHomeOrganization	The student mobility processes need the to identify the Home Institution from which the user is coming from.
eduPersonScopedAffiliation	The student mobility processes rely on authorising access to users based on the affiliation of their members in their home organisation.

ESI e MyAcademiID: istruzioni IDEM

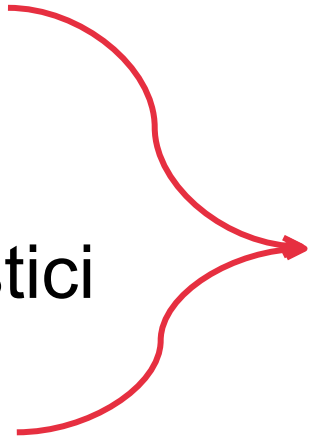
- Attributi necessari
- Strategie di generazione dell'ESI
- Configurazione Shibboleth IdP
- Filtri per il rilascio degli attributi
- Testing



Erasmus+: i numeri in Italia (pre COVID19)

300+ Istituti

- Atenei
- Alta Formazione Artistica e Musicale
- Scuole Superiori per Mediatori Linguistici
- Istituti Tecnici Superiori



~100 MEMBRI GARR

~60 MEMBRI IDEM

OUTGOING 47117 mobilità Erasmus in uscita (studenti e staff)

INCOMING 27000 mobilità Erasmus in entrata

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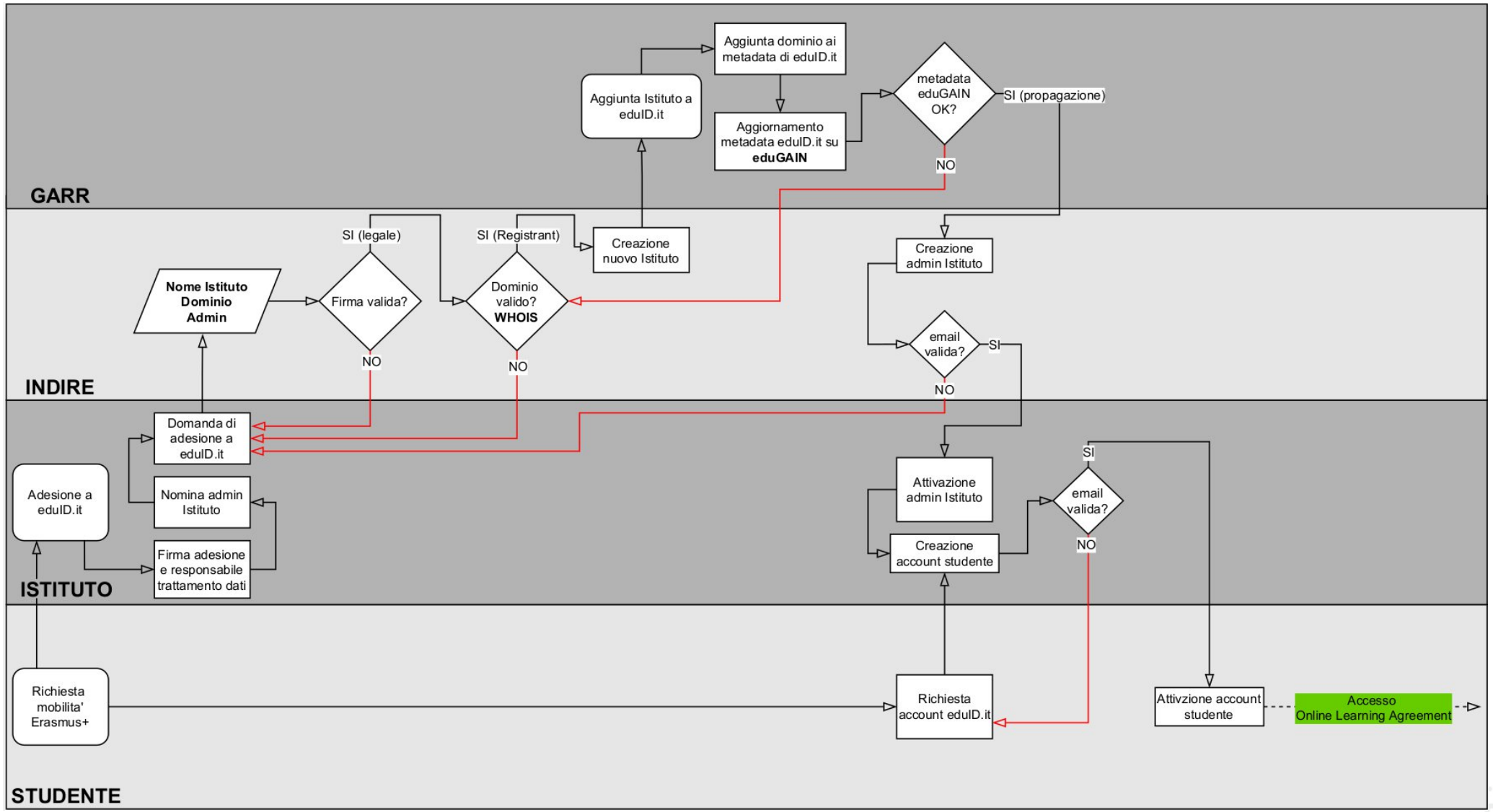


INDIRE mantiene i contatti con gli Istituti, ne cura l'adesione e fornisce il primo livello di supporto.

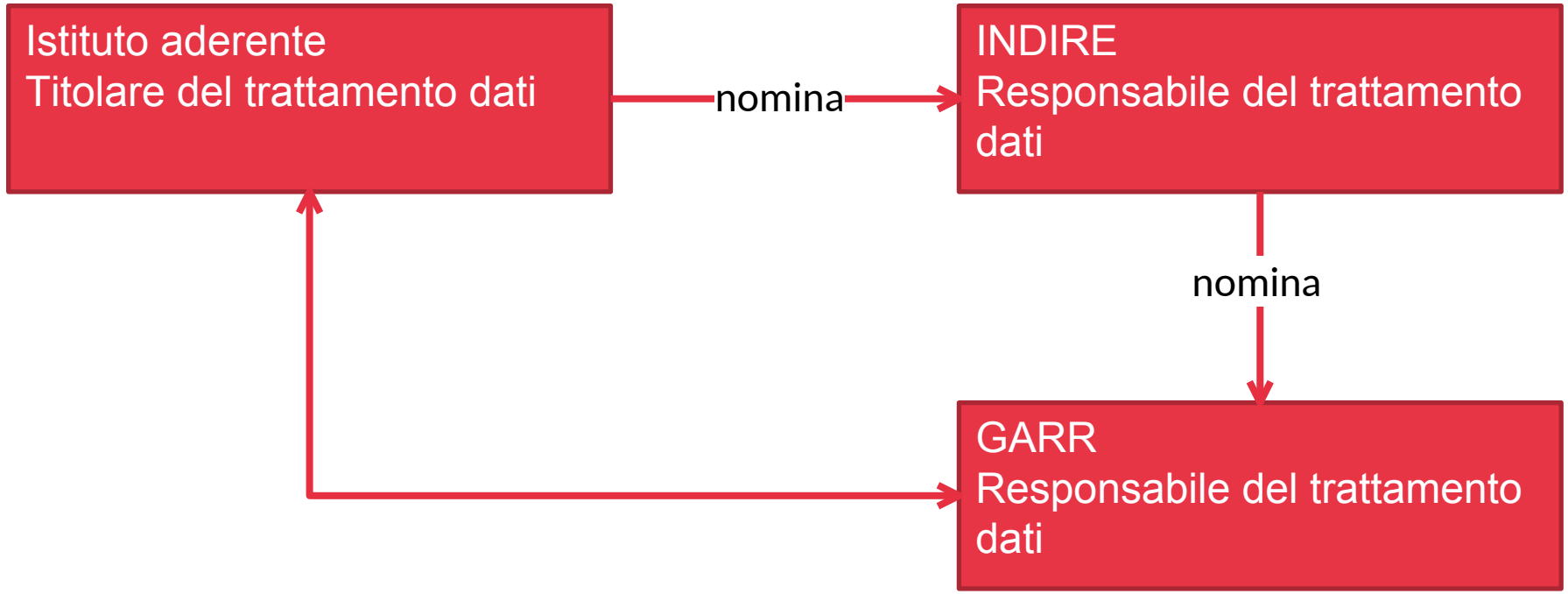


GARR ha realizzato e gestisce la piattaforma eduID.it e fornisce il secondo livello di supporto.

eduID.it: ruoli e flussi



eduID.it: ruoli Privacy



eduID Tech



django

Shibboleth
Identity Provider

OpenLDAP™
http://www.OpenLDAP.org

eduID.it: FAQ

Q: Chi puo' utilizzare eduID.it?

A: Gli Istituti che aderiscono all'iniziativa tramite INDIRE: AFAM, SSML e ITS.

Q: Tramite eduID.it si puo' accedere a tutti i servizi federati IDEM e eduGAIN?

A: No, eduID.it permette l'accesso ai soli servizi Erasmus+ pubblicati su eduGAIN.

Q: AFAM, SSML e ITS gia' collegati a GARR **devono** utilizzare eduID.it per accedere ai servizi Erasmus+?

A: No, possono anche implementare il proprio IdP e aderire a IDEM e eduGAIN.

Q: Come e quando si potra' aderire?

A: L'adesione e' curata da INDIRE, che aprira' ufficialmente le adesioni non appena avremo sottoscritto tutti gli accordi attuativi (in questi giorni).

Grazie per l’attenzione!

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