

Before GASPAR

- every service (financial, personnel, student, etc) had its own database
- no unique identification

Steps preparing GASPAR

- HR service defines a unique ID (SCIPER)

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- CAMIPRO card used to grant access to buildings
– based on SCIPER and a PIN code

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- **students' identification (SAC) based on SCIPER**

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- students' identification (SAC) based on SCIPER



- **personnel data (BOTTIN) uses SCIPER**

Steps preparing GASPAR

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- students' identification (SAC) based on SCIPER

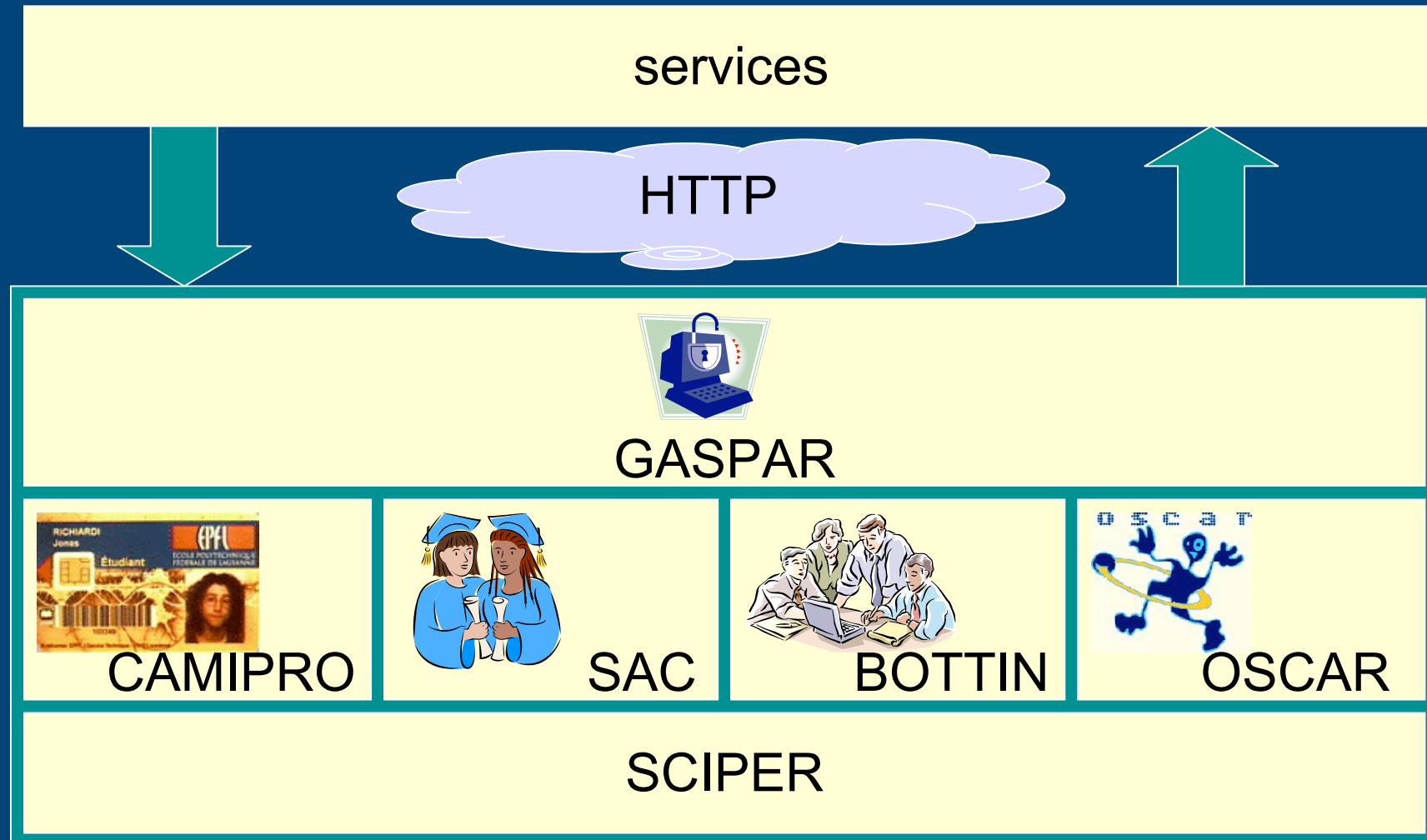


- personnel data (BOTTIN) uses SCIPER



- several OSCAR interactive terminals with
CAMIPRO card slots installed at EPFL

GASPAR: a secured portal to EPFL e-services



GASPAR uniformly and seamlessly connects people to information and applications, by providing academic users with a **hierarchical, integrated and personalized Web-based** access to all of their relevant data.

GASPAR: how to register

OSCAR

identification= CAMIPRO+PINcode

Crypted mail sent to GASPAR with
SCIPER and pwd

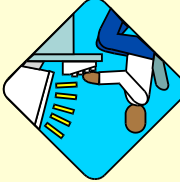


GASPAR

GASPAR: how to register

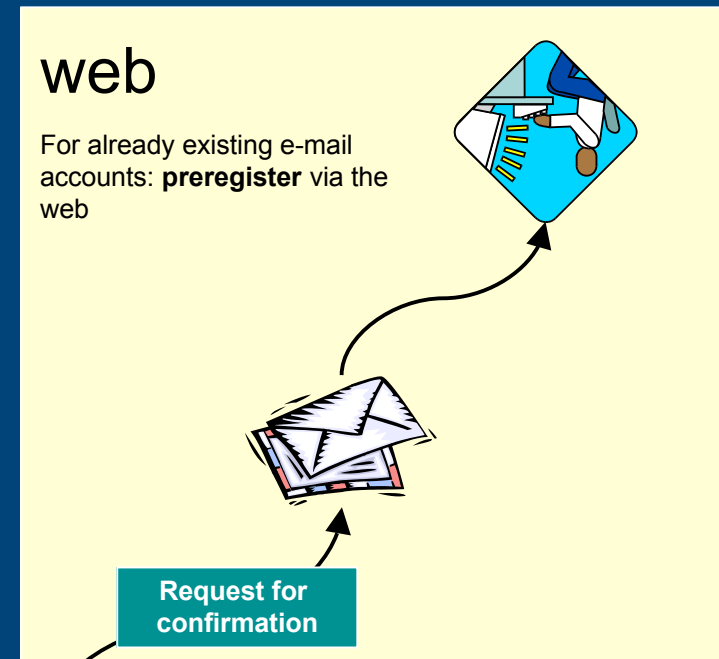
web

For already existing e-mail accounts: **preregister** via the web



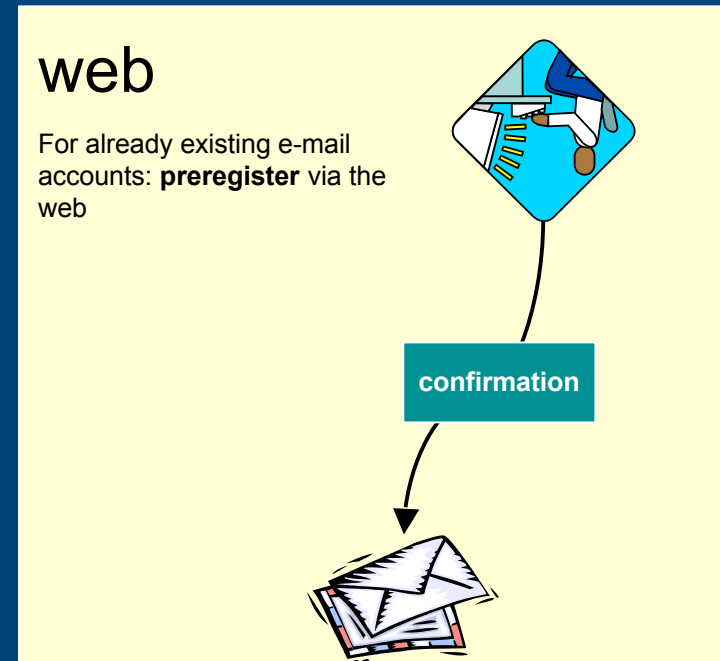
GASPAR

GASPAR: how to register

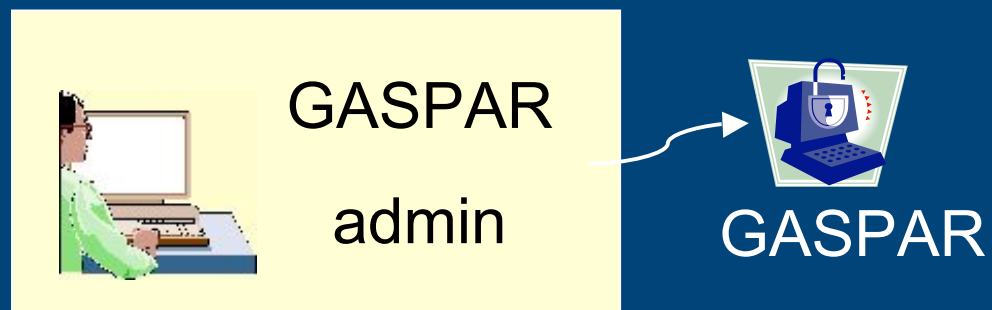


GASPAR

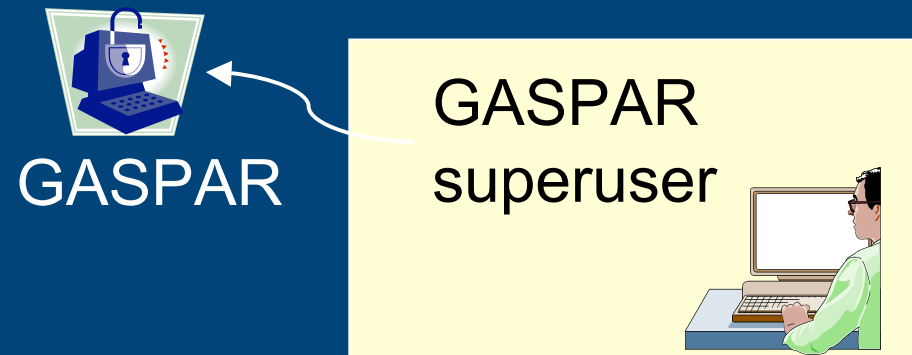
GASPAR: how to register



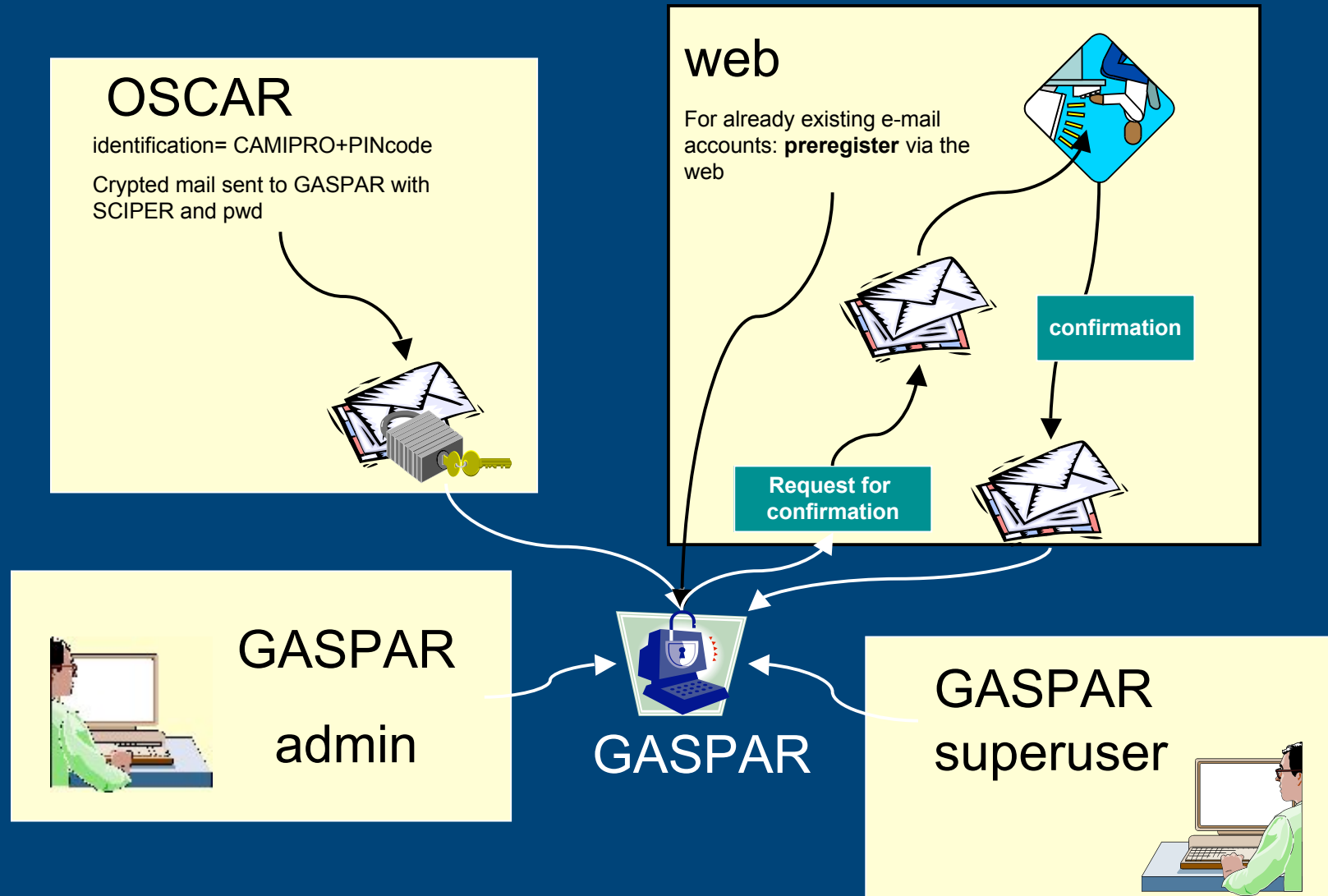
GASPAR: how to register



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GASPAR: a secured portal to EPFL e-services



GASPAR: identification

- user's name (firstname, lastname) and/or SCIPER plus GASPAR password
- SSL certificate

Lost password?



- OSCAR terminal identification via CAMIPRO card and PIN code – choose a new password
- contact GASPAR administrator

GASPAR: services

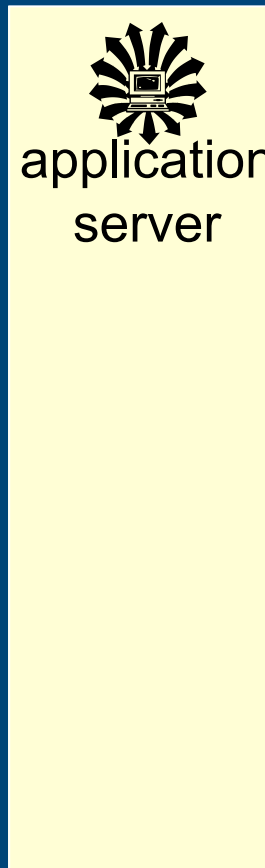
- base: e-mail, SSL certificates
- other: SW distribution, network management, students' services (jobs, rooms, exams results), etc.

GASPAR: a secured portal to EPFL e-services

client




1. application URL
(<http://prest.epfl.ch>)



GASPAR: a secured portal to EPFL e-services




application
server

valid session
(SCIPER,IP)

active sessions

Time stamp | SCIPER | IP

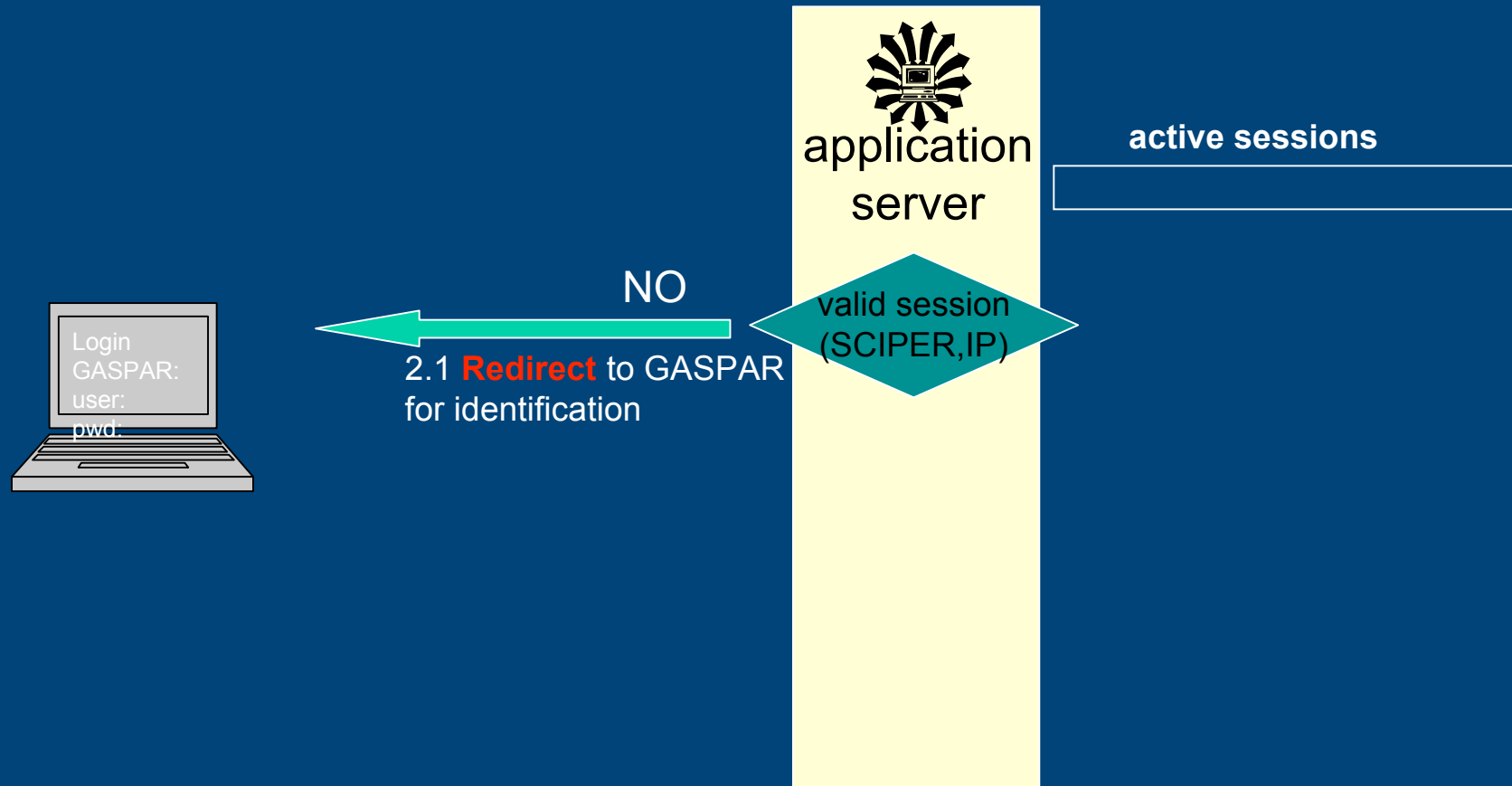
YES

- 2.2 update session
- 2.3 execute application (SCIPER,IP)

client



GASPAR: a secured portal to EPFL e-services



GASPAR: a secured portal to EPFL e-services


GASPAR



valid client
& access rights

3.1 **authentication URL**
with client's details
(SCIPER, e-mail, unit, IP)

YES



application
server

access
restricted to
GASPAR's
IP

active sessions

Time stamp	SCIPER	IP
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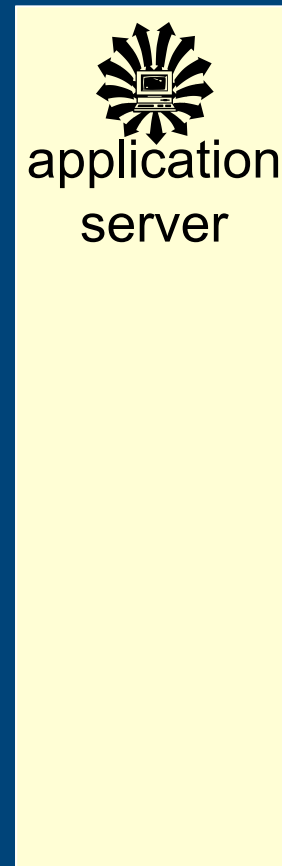
server initiates session

GASPAR: a secured portal to EPFL e-services

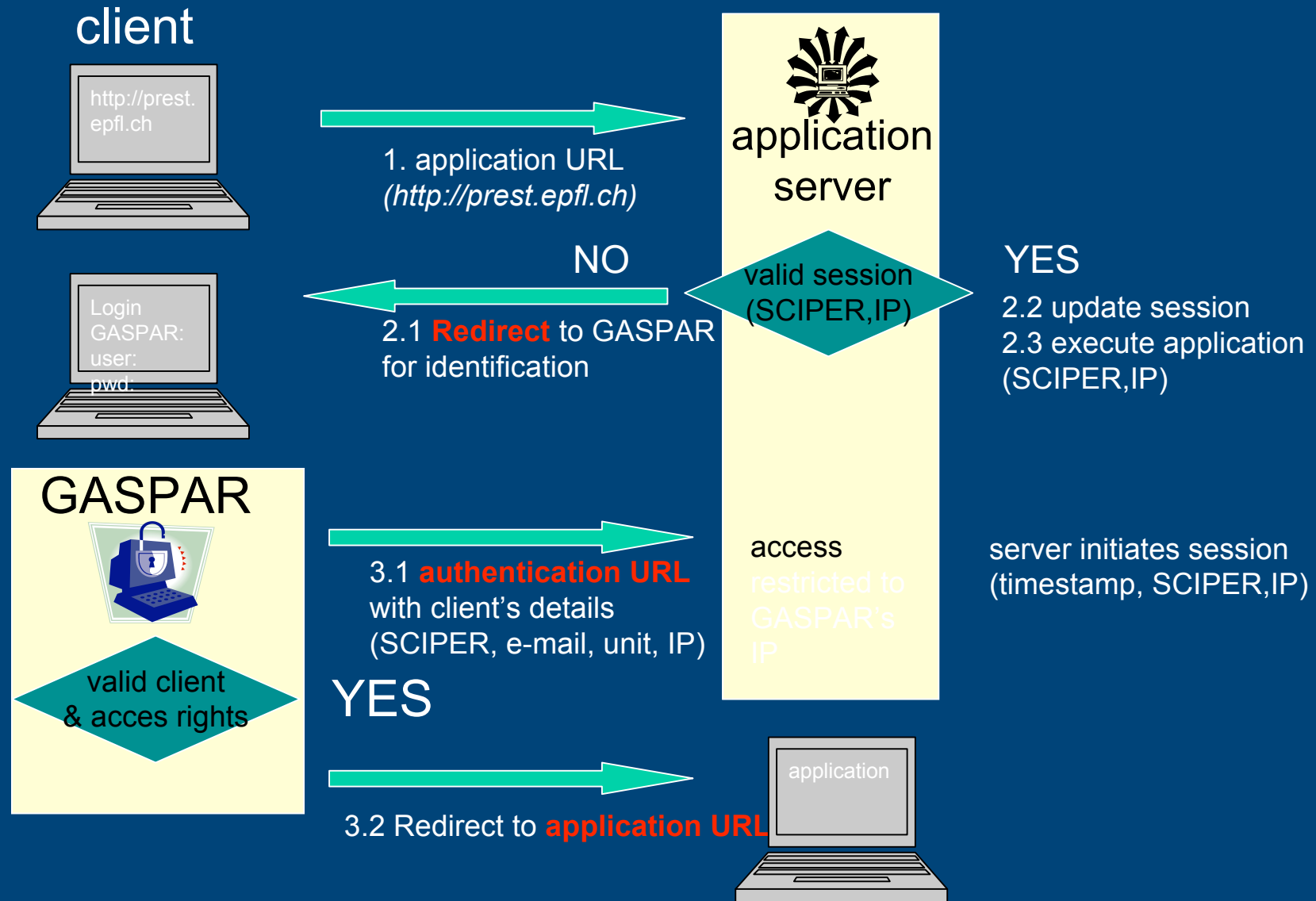


YES

3.2 Redirect to **application URL**



GASPAR: a secured portal to EPFL e-services



GASPAR: a secured portal to EPFL e-services

client

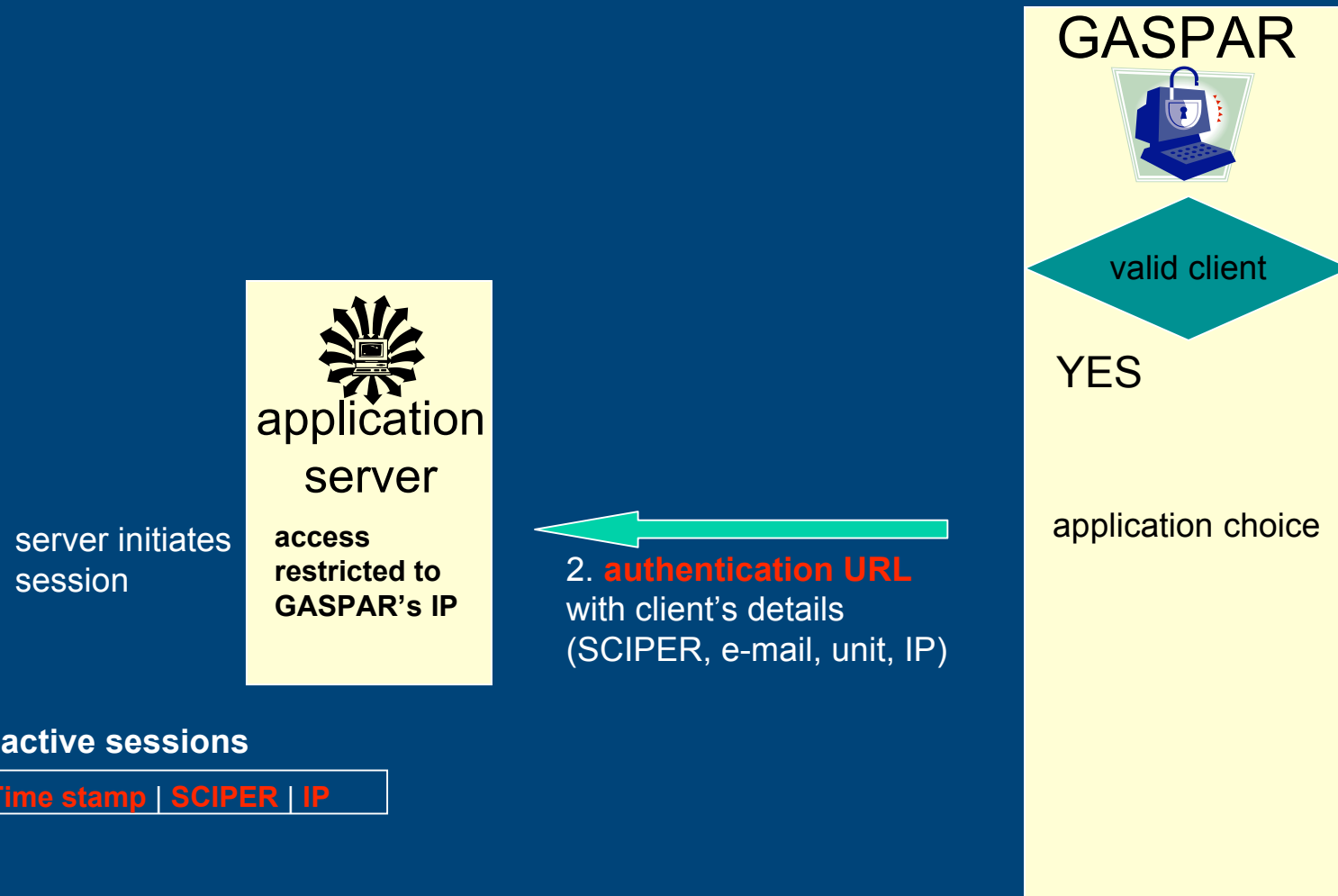


1. GASPAR URL
(<https://gaspar.epfl.ch>)

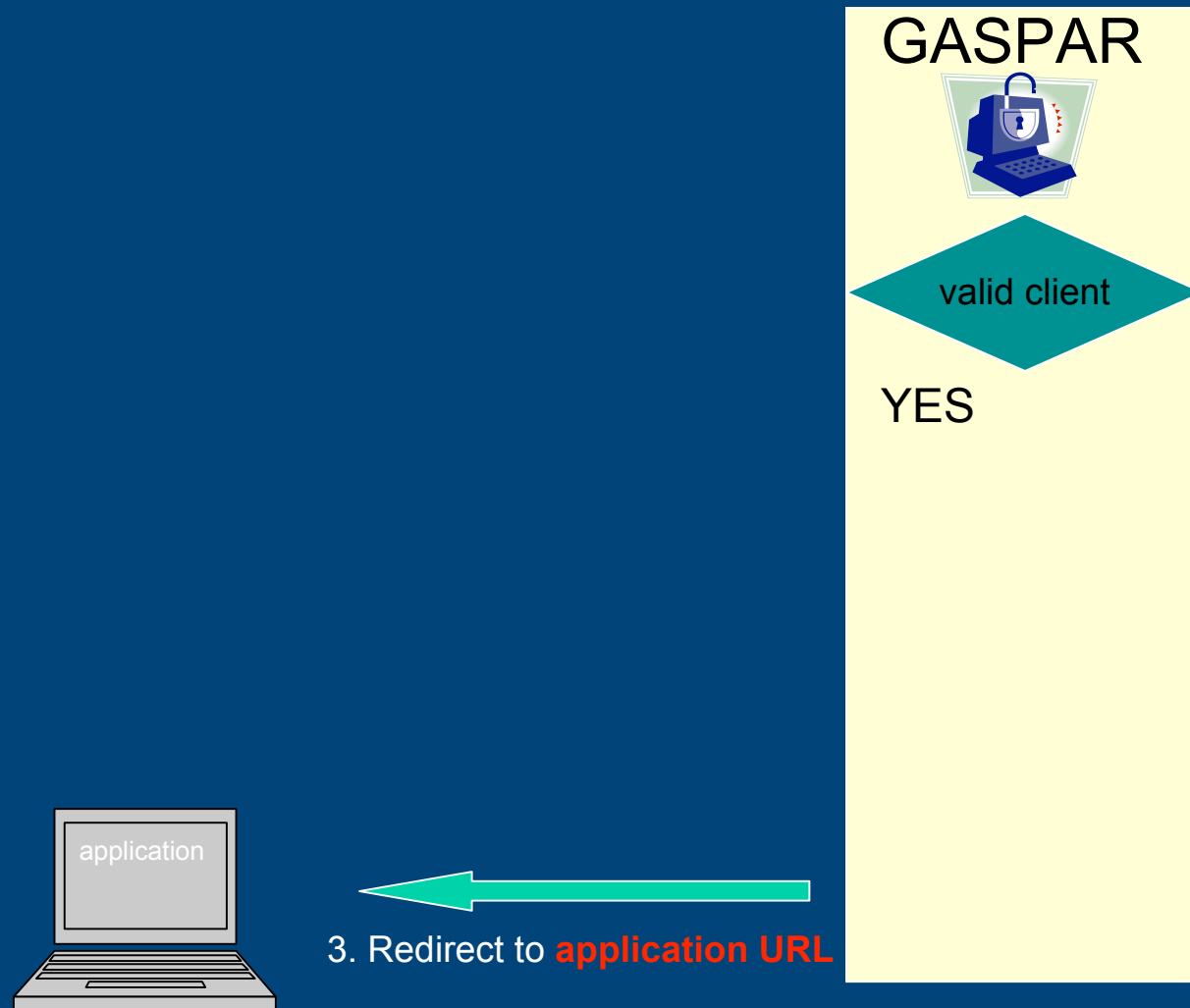
GASPAR



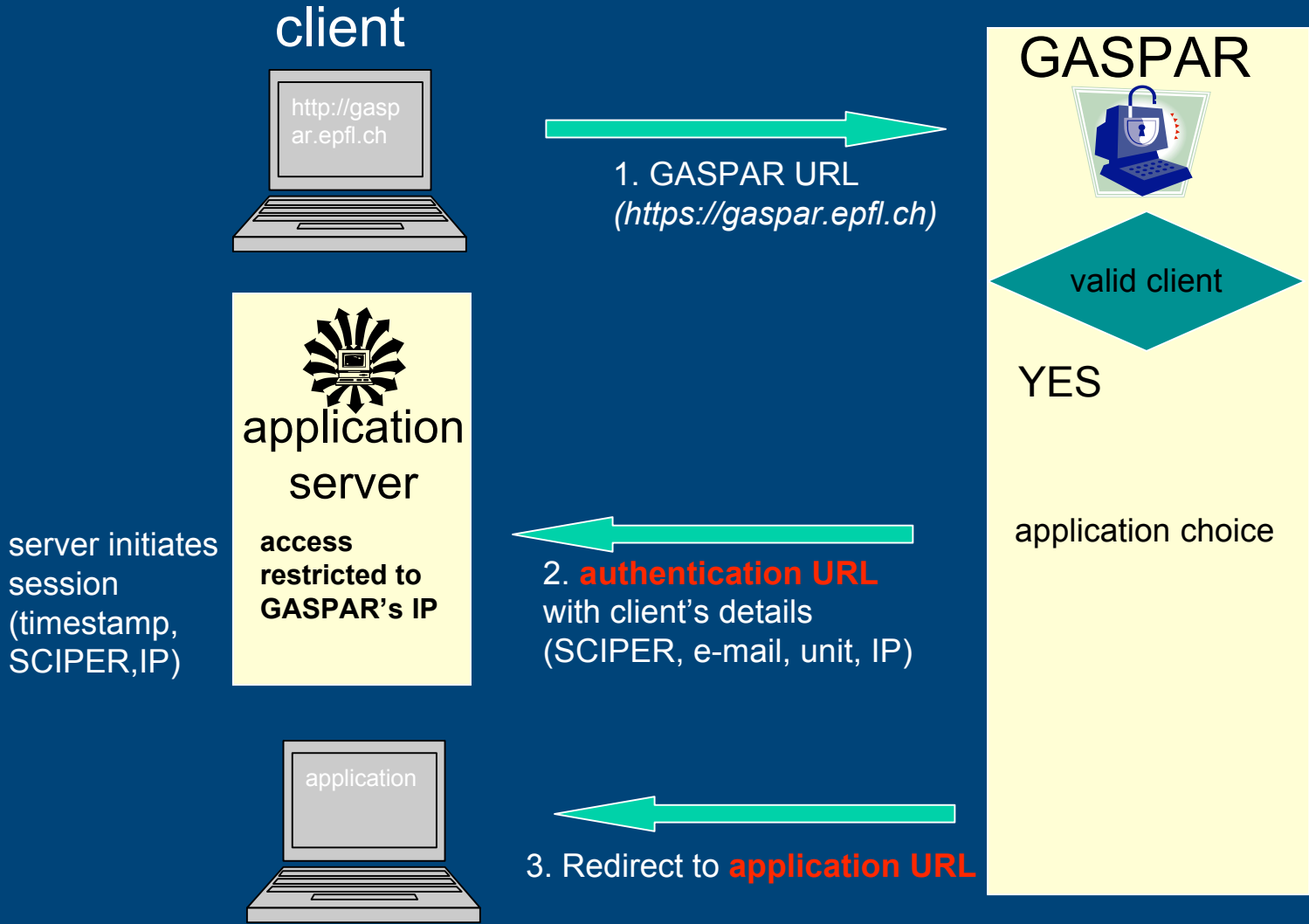
GASPAR: a secured portal to EPFL e-services



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GASPAR administrator of the unit

- controls users from one or several units
- manages:
 - GASPAR registrations
 - e-mail accounts
 - access rights to all services
 - manages Access Managers

GASPAR Acces Manager

- controls access rights to one or several services for all users from one or several units

Access rights

- per person and service: access denied or granted (for 1,3,6,12 months or unlimited)

Exporting GASPAR?

- yes for the principle (simple HTTP authentication)
- extra work needed to cope with local data structures