



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT

***Marine-id and other user authentication
business***

IFREMER

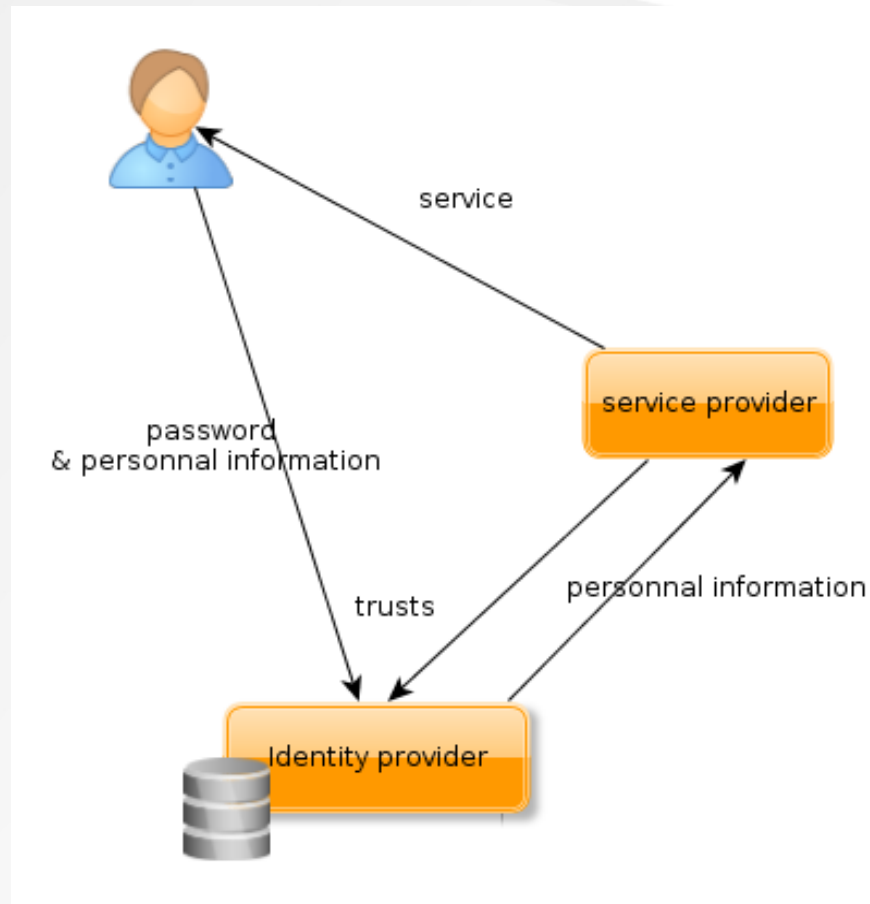
Outline

- **Authentication in SeaDataNet**
- **Connected business in EMODNET and Copernicus**

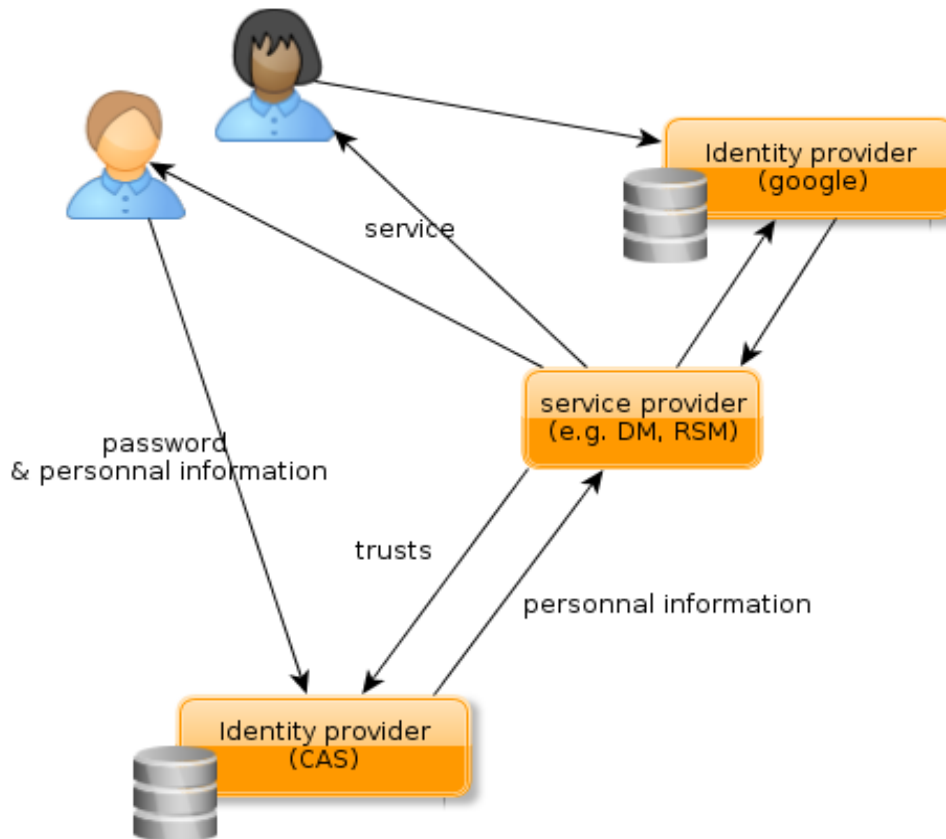
SeaDataNet position reminder

- Since SeaDataNet1, the IFREMER partners directory is used as “SeaDataNet user” directory : this is not sustainable in terms of security and number of persons (around 4000).
- Plan for SDN2 is to move SeaDataNet users to a marine data users directory called marine-id (<http://www.marine-id.org>), which provides:
 - Self registration function with PWM
 - Authentication with CAS
 - Usage accounting with SugarCRM
- Eventually prevent marine data users from having different ids/passwords for : SeaDataNet, EMODNET, Copernicus, ...

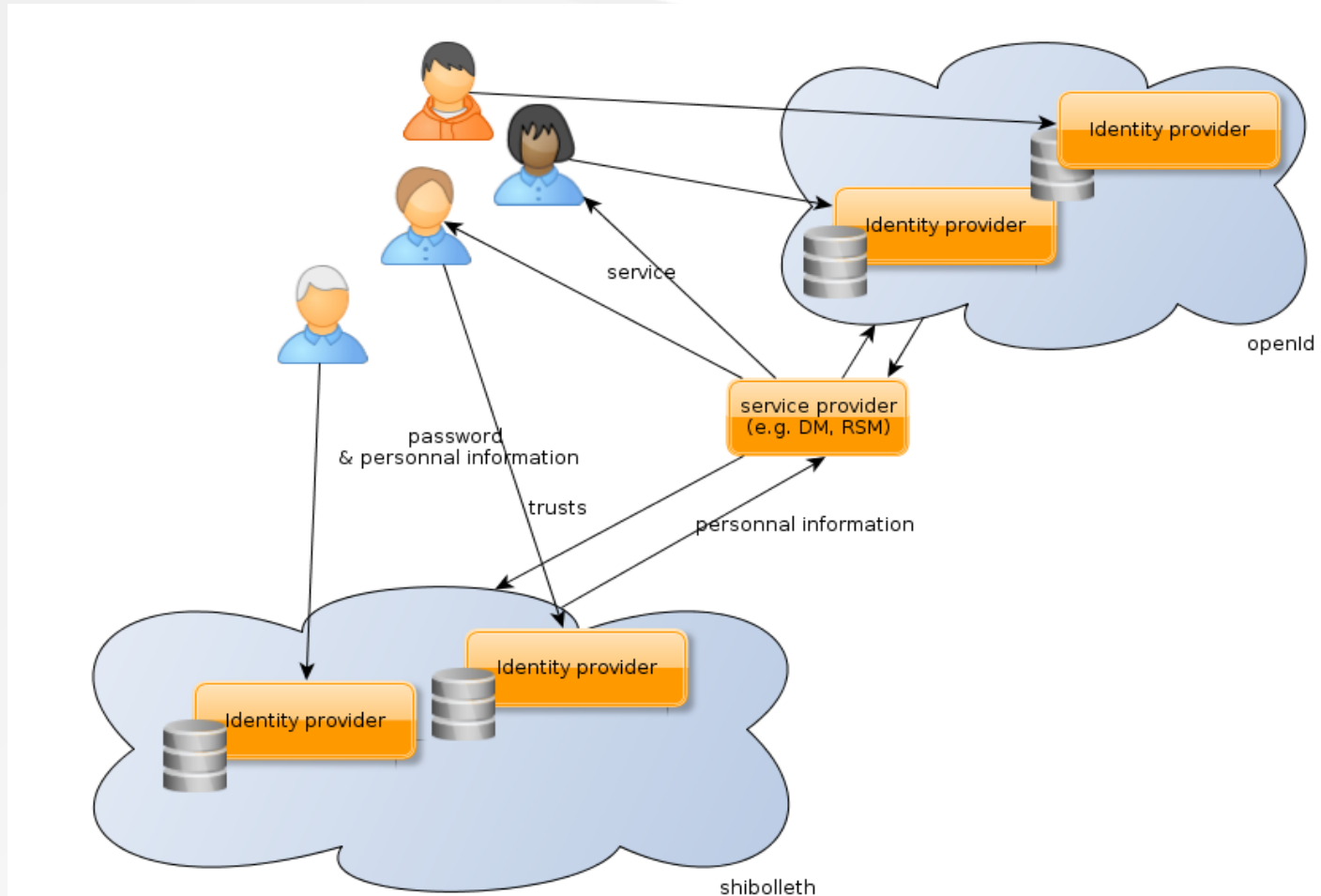
Some authentication background



Some authentication background



Some authentication background



SeaDataNet status

- Marine-id identity provider services are operational since June 2014 (used by Coriolis at IFREMER) : **done**
- Every deployed Download Managers upgraded (around 100) : **done** (except 2 non critical)
- Users in current directory database need to be moved:
 - “historical” users: must be individually identified, **on-going**
 - SDN2 users : **solved**
- Transition scheduled on Octobre 8th

Connected authentication business

- Around Marine-id, EMODNET-SeaDataNet-Copernicus Marine single authentication scheme has been pushed for around 2 years:
 - Copernicus contacted has been formally noticed last July
 - EMODNET is working on a solution (?)
- Research EC community through GIANT, eduGain used to provide solution for persons inside but lack solution for users outside (SME, administrations, ...). It might evolve: teleconf scheduled on Octobre 9th
- Enable OpenID (google, yahoo, facebook) users authentication still an objective

Perspectives

- Move to marine-id for SeaDataNet and extend usage to other projects (EMODNET, Copernicus Marine), possibly through federation of identity
- So we keep an eye on alternate initiatives:
 - Copernicus
 - EMODNET
 - ENVRI+
 - GIANT, eduGain