Registration/Authentication progresses

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Action plan

• Upgrade SeaDataNet-EMODNET registration service (marine ID)

• Extend to shibboleth, OPenID users

• Combine with myOcean
Upgrade SeaDataNet-EMODNET registration service

- Move from IFREMER partners directory (called extranet directory) to a real marine data user directory: we called this “marine ID”
- Set up a self-service system for registration, forgotten password, …
- The “marine ID” only manages standard information on users (login, phone number...)
- projects (e.g. SeaDataNet, EMODNET) databases contains specific information on users (licence agreement, …): seadatanet user pages are upgraded.
Upgraded system demo

http://www.ifremer.fr/isi/seadatanet/signup/
PWM is in configuration mode. Use the ConfigManager to modify or lock the configuration.

Please enter the verification code below. Typing in this code helps to protect your account from abuse.

Saisissez le texte

[Verification Code]

Verify  Clear  Cancel
To verify your identity, a security code has been sent to you. Please click the link in the email or copy and paste the security code here.

**Code**

TAU3VGXF3JHC7BG

[Check Code] [Clear] [Cancel]
Welcome lioubrie, please fill in the following form to finalize your SeaDataNet registration
Thanks jjoubrie, your registration has been successfully completed.

You can now access SeaDataNet standard restricted services.

Your national representative (Thomas.Loubrie@ifremer.fr) may contact you to if you require specific services.
New user role administration

Registration request for SeaDataNet

From: no-reply@seadatanet.org
Subject: Registration request for SeaDataNet

To: thomas.loubrieu@fr

Registration request from:
loubrieu thomas from ifremer (tloubrie@ifremer.fr)
(FR)
Legal status: GOV - Governmental
News letter: YES
Please, assign a SeaDatnetRole using:
New user role administration
Left to be done (proposed schedule)

• Transition period: **April to June, 24th 2014**
  - Switch CAS server configuration in RSM, DM, NAGIOS to new CAS Marine Id URL:
    CAS Marine ID URL => IFREMER extranet CAS (as for now).

• End of transition: **June, 24th 2014 (TBC)**
  - Migrate seadatanet users from current LDAP directory to the new one.
  - Deploy the new SeaDataNet users management functions (same URLs as before)
  - Switch CAS Marine ID to new CAS Service
OpenId and Shibboleth extension

• The user attributes master copy may be located in:
  – Marine ID directory (for seadatanet/emodnet users)
  – OpenID server (for OpenID users)
  – Shibboleth Identity provider (for GEANT users)

• For these user information to be homogeneous and easy to use, these attributes should be replicated/synchronized in the SeaDataNet user database.

• When mandatory attributes are missing in these systems (IFREMER LDAP, OpenID or Shibboleth), they are requested by the SeaDataNet user database before the user accesses any secured resource.
OpenID extensions
Shibboleth extension
Combination with MyOcean

• User management **policy issue**: myOcean doesn't want self-registered users but requires highly qualified user information (e.g. names, organisations...).

• **Short-term**: setup ad-hoc gateways between user directories to share individual user information when user agrees to share his/her information.

• **Mid-term**: proof the SeaDataNet self-registration is valuable for MyOcean project as well.