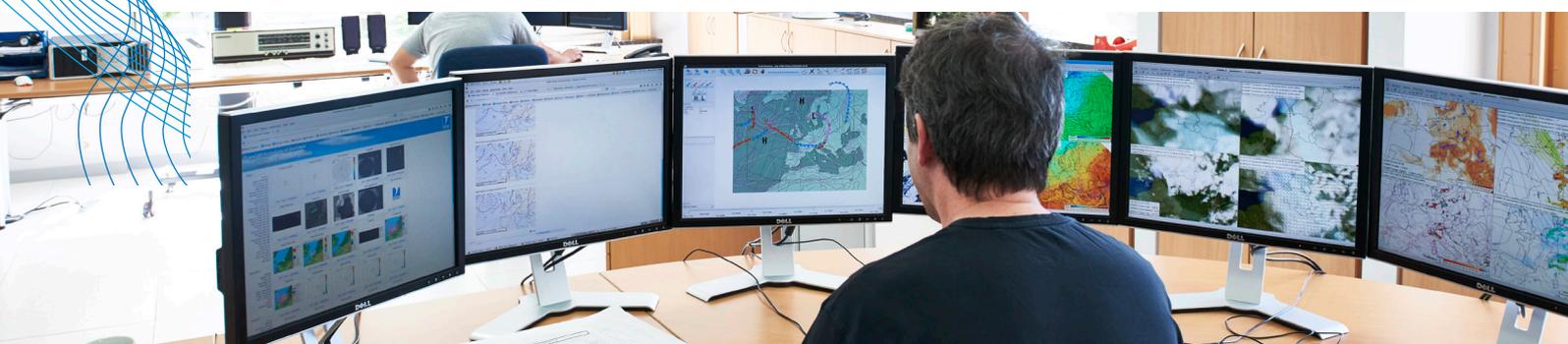# Belnet R&E Federation
A **single login** for a whole range of services

To access many services, do your students and employees always have to use different usernames and passwords? Is managing this data becoming too difficult? By becoming a member of Belnet R&E Federation, using a single username and password, you will be able to offer your students and employees access to a whole range of services.

Belnet R&E Federation: easy access to online services

Belnet R&E Federation brings all educational and research institutions together using a common infrastructure to offer them their online services. Students and employees can access the different Web applications provided to them by the Federation's service providers.

Your organisation within Belnet R&E Federation

The identity provider, service provider and user are at the heart of Belnet R&E Federation. If you are an educational and research institution connected to the Belnet network, you can serve as an identity provider and/or service provider. Other organisations can only connect to Belnet R&E Federation as service providers.
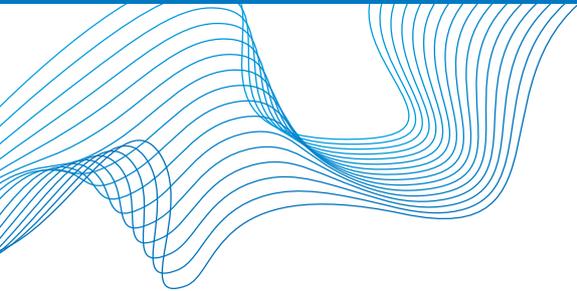
Identity Provider (or IP)

The identity provider manages the usernames and passwords of its own organization's users. It determines not only the identity of users, but also their attributes or characteristics.

The identity provider also checks whether the identity of the person seeking to consult an online service is genuine. Once the check has been carried out, it confirms to the Service provider that the identity is genuine and the user can access the service.
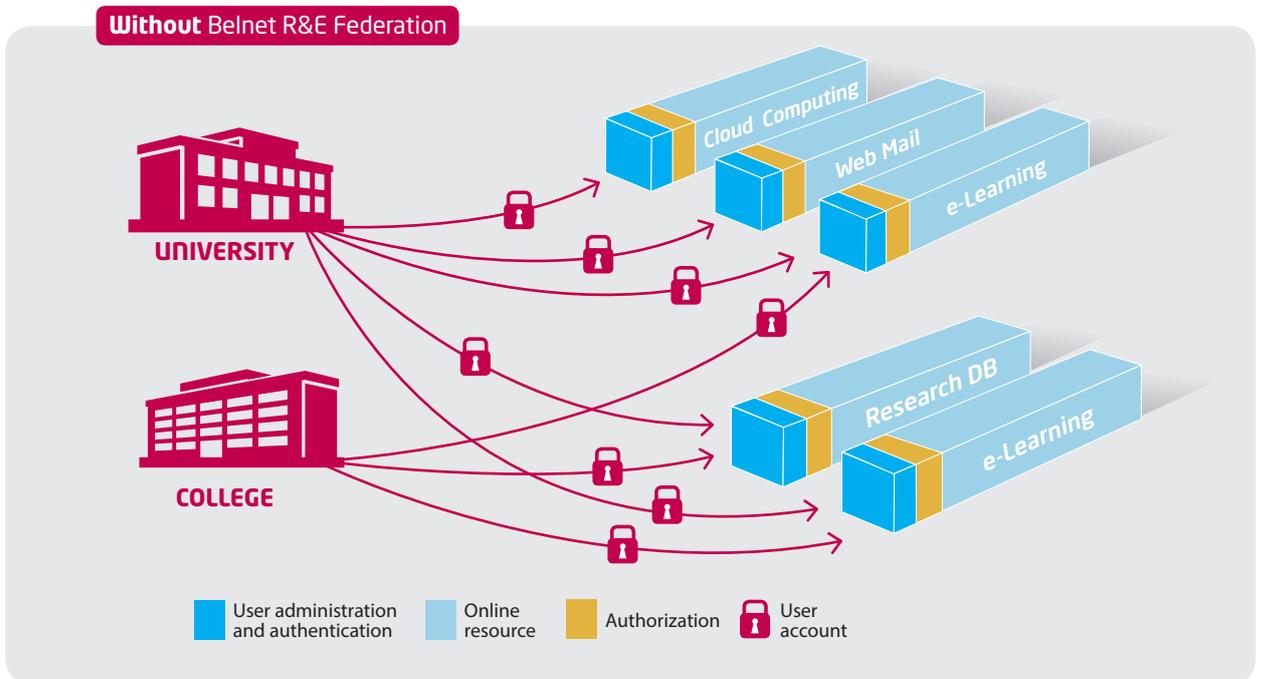
Service Provider (or SP)

Service providers supply services to users from organizations affiliated to Belnet R&E Federation. As well as affiliated organizations, users therefore actually assume a central position. The term "users" includes students, employees and researchers from organizations participating in Belnet R&E Federation.
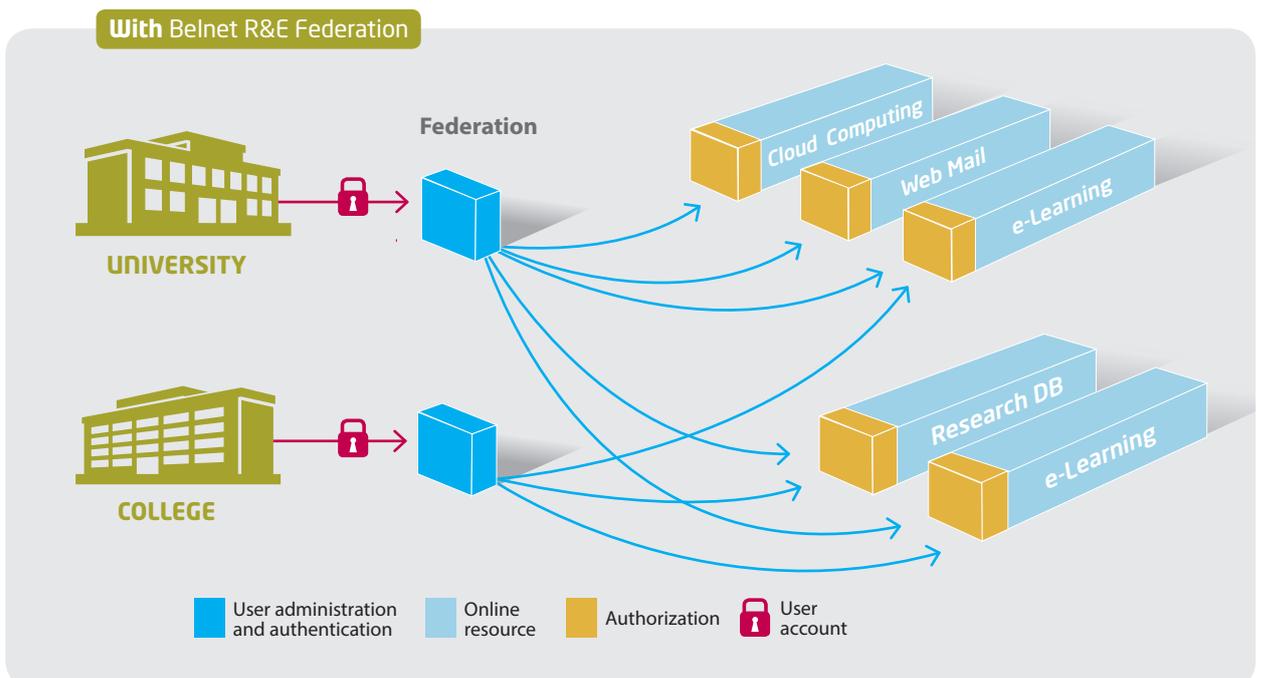
Finally, organizations that are identity providers can also become service providers.

Belnet
dedicated connectivity

In the absence of such a federation, your employees receive different usernames and passwords for each online service that they want to use. This does not enable access to the online services of their own organization, nor to Web applications offered by other organizations.

Without Belnet R&E Federation

UNIVERSITY

COLLEGE

Cloud Computing

Web Mail

e-Learning

Research DB

e-Learning

■ User administration and authentication   ■ Online resource   ■ Authorization   🔒 User account

Through the Federation, using a single login, users can access the services of their own organization, but also those of other organizations participating in the Federation.

With Belnet R&E Federation

UNIVERSITY

Federation

COLLEGE

Cloud Computing

Web Mail

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Research DB

e-Learning

■ User administration and authentication   ■ Online resource   ■ Authorization   🔒 User account

"The Federation offers our educational institutions the opportunity to increase the number of services which we provide to our users."

Bénédicte Champagne, Course Leader and Digital Campus Co-ordinator, HEPH-Condorcet

The Federation offers our educational institutions the opportunity to increase the number of services that we provide to our users, without, however, multiplying the investments necessary for managing and maintaining these services. With Belnet's support, our users are guaranteed quality of service for day-to-day use in complete confidence. Of the services that we use, the most popular is "Filesender". We are continuing to track changes in the range of services offered by the Federation and test those that are of interest to the public, tutors or students alike.

Services provided by Belnet R&E Federation

Users not only have access to the online services of their own organisation and other participating organisations, but also standard access to the following Web applications:

Filesender

A Web application with which users can send other users an unlimited number of files which may be up to 200 GB in size. These files may even be shared with people who do not have access to Belnet R&E Federation. Your addressee receives an e-mail with a link which they can use to download the file. If your addressee has not reacted within 7 days, the file is not kept. In addition, secure, anonymous storage of your file is guaranteed over this period.

Antispam Pro

Antispam Pro is a centralised e-mail solution which blocks at least 98% of all spam within your organisation.

ViaBel.net

This URL shortening application is the ideal tool for managing all of your institution's URLs.

eduGAIN: a whole range of services on an international scale

Belnet is a member of eduGAIN, the transcontinental inter-federation project developed by Géant (the pan-European research and education network). If you are an institution which is a member of Belnet R&E Federation, you can join eduGAIN and enjoy the many services offered by other federations around the world.

In addition, if you are a Service Provider, you can provide eduGAIN with your organisation's services.

"With eduGAIN, the university library can adapt to the rise of digitisation, and the mobility of university students and staff."

Peter de Marrez, e-resources Library Administrator and Policy Support, KU Leuven

Access to the university library's electronic resources (data banks, e-books, electronic reviews, etc.) must also be as simple as possible. To this end, eduGAIN is a step forward. With a single connection (the KU Leuven-login), users can access almost all of our key resources available electronically, en masse, whether they connect on- or off-campus.

It is a significant advance in technical and administrative terms and is user-friendly as far as publishers already in the eduGAIN portfolio are concerned.

Finally, it saves us a lot of time. Currently, we can offer more than 65% of our electronic resources via Belnet R&E Federation and eduGAIN, so that they may be used on an international scale - and this number is ever-increasing.

Sign up your organisation by e-mailing your Account Manager: **servicedesk@belnet.be** or telephoning them: **02 790 33 00.**

Benefits

- **Simplified sign up**
  Through Belnet R&E Federation, your organization can rationalize its administration. In fact, all that you are responsible for is your own organization's user accounts. So your users only have to sign up once, through your organization.

- **A single login**
  Each user receives a unique username from their organization. This login enables easy access to the different Web services offered.

- **There when you need it**
  The services offered by Belnet R&E Federation are available anytime, anywhere. Users can access the services within their own organization, at home or when they visit your organization.

- **A wider, more effective service offer**
  Through Belnet R&E Federation, your organization can reach out to the wider academic community for your services, giving users increased access to online services. Your organization can also implement its online applications more easily and effectively.

Further information on Belnet R&E Federation and on eduGAIN

Customer Relations
servicedesk@belnet.be
02 790 33 00

http://federation.belnet.be
https://my.belnet.be

Belnet
dedicated connectivity