

Lanka Education and Research Network

eduGAIN

What is eduGAIN ?

- The eduGAIN interfederation service connects identity federations around the world, simplifying access to content, services and resources for the global research and education community. eduGAIN comprises over 80 participant federations connecting more than 8,000 Identity and Service Providers.
- eduGAIN provides an efficient, flexible way for participating federations, and their affiliated users and services, to interconnect.



Students, Researchers and Staff

eduGAIN helps nearly 27,000,000 students, researchers and educators access online services while minimising the number of accounts users have to manage - reducing costs, complexity and security risks.



Service Providers

With eduGAIN participants from over 4,500 identity providers, service managers can simplify their account management and control processes - allowing greater access at reduced cost.



Institutions

eduGAIN enables institutions to easily and scalably support access to services globally - allowing control over user management.

Benefits of eduGAIN

- Users, services and organisations who need to easily and securely manage access to services benefit from eduGAIN because identity federations enable them to reuse their existing systems to operate across borders without having to make many individual agreements.
- eduGAIN is a global service.
- Around the world there are more than 80 federations participating in or in the process of joining eduGAIN, with more than 5,000 identity providers and 3,500 service providers.

Benefits of eduGAIN

- With just **one trusted identity** provided by user's institution as part of an identity federation participating in eduGAIN, users can access services from other participating federations. It works with single sign-on (SSO), so that user needs to login only one time during a browser session.
- eduGAIN enables identity federations to interconnect, so that participating institutions and services can collaborate without the need to establish individual bilateral connections.

Who is eduGAIN for ?

Identity federations

- Join the eduGAIN service as it enables you to interconnect with other federations
- Lean on eduGAIN trustworthy service – enables secure exchange of federation information
- Enable you to provide more services for your users available through other federations
- Gain in time saving and lower administration costs as no need for bilateral federation agreements

Who is eduGAIN for ?

Identity providers

- Join an identity federation participating in eduGAIN
- Offer more to your users – enable access to a wider range of services than are available locally or nationally
- No extra administrative burden if you are already participating in an identity federation

Who is eduGAIN for ?

Users – Identity holders

- Gain your federated identity from your home organisation i.e. identity provider
- Access a wider range of services than are available nationally or locally
- One digital identity for all services connected through eduGAIN
- eduGAIN is 'invisible' to you so you can access services without extra effort – just login and be online !

Who is eduGAIN for ?

Service Providers

- Join an identity federation participating in eduGAIN
- Grow your audience by making your service available to a greater number of users
- Lower costs per user – your audience grows without increasing costs for maintenance of users credentials

eduGAIN Services

Eduroam

Science Data

Filesender by GEANT

Chem Compute

DataONE

The Ocean Observatories Initiative

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Thank You