

Rapid Identity Provider – Key Features

Rapid Identity Provider (Rapid IdP) is the fast, easy way to connect your organisation to the Australian Access Federation (AAF). Rapid IdP caters for organisations of all sizes and connects users to hundreds of national and international services.

Focus on the work that matters to you and let AAF manage the rest.

Operating Modes

Rapid Identity Provider offers a choice of two modes of operation for identity storage.

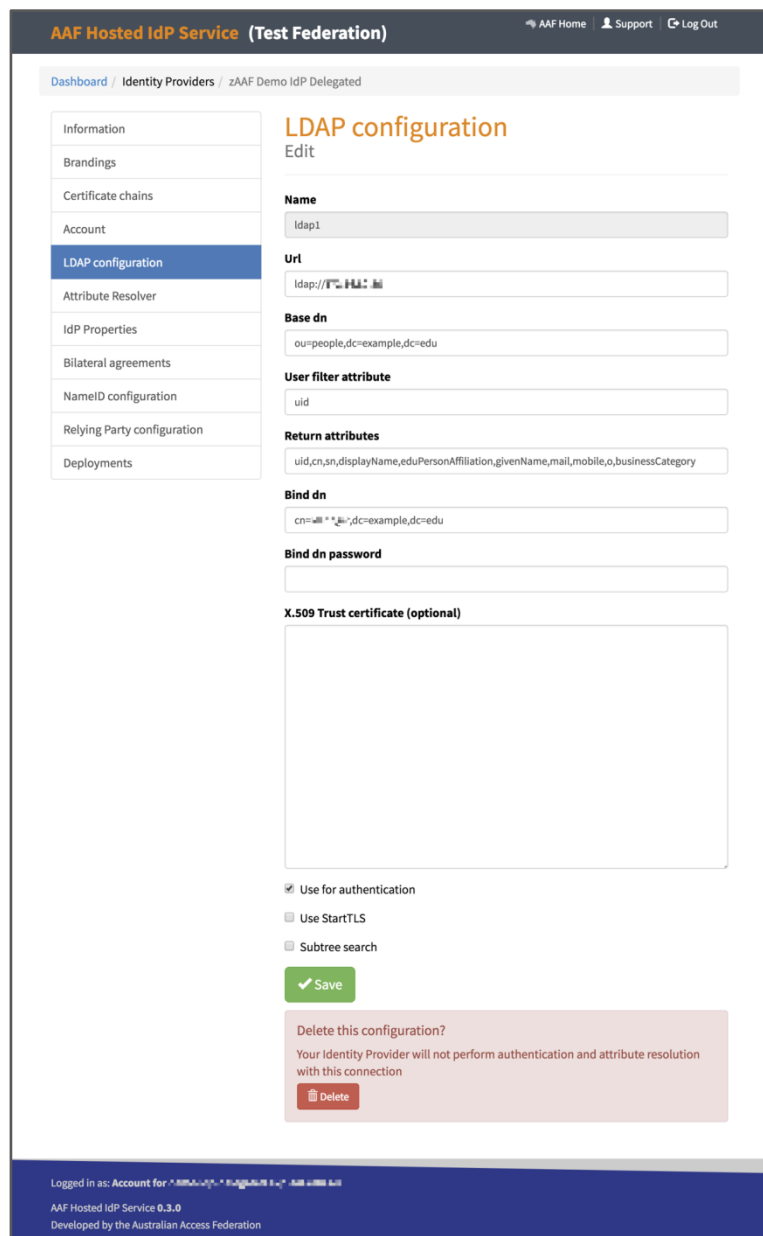
Virtual Mode

Virtual mode uses a database to store identity data. A simple web interface lets your administrators create accounts for each user who will access federated services. This option works best for smaller organisations that don't already have a directory.

Delegated Mode

Delegated mode connects to an external LDAP directory such as Microsoft Active Directory or OpenLDAP for identity data. The administrator configures Rapid IdP with credentials to access information in the LDAP directory and Rapid IdP refers to this information when authenticating users.

Delegated mode supports multiple directories and you can specify multiple base distinguished names (DN) within each directory when searching for users.



The screenshot displays the 'LDAP configuration' page in the AAF Hosted IdP Service (Test Federation) web interface. The page title is 'LDAP configuration' with an 'Edit' link. A left-hand navigation menu includes: Information, Brandings, Certificate chains, Account, LDAP configuration (selected), Attribute Resolver, IdP Properties, Bilateral agreements, NameID configuration, Relying Party configuration, and Deployments. The main configuration area contains the following fields and options:

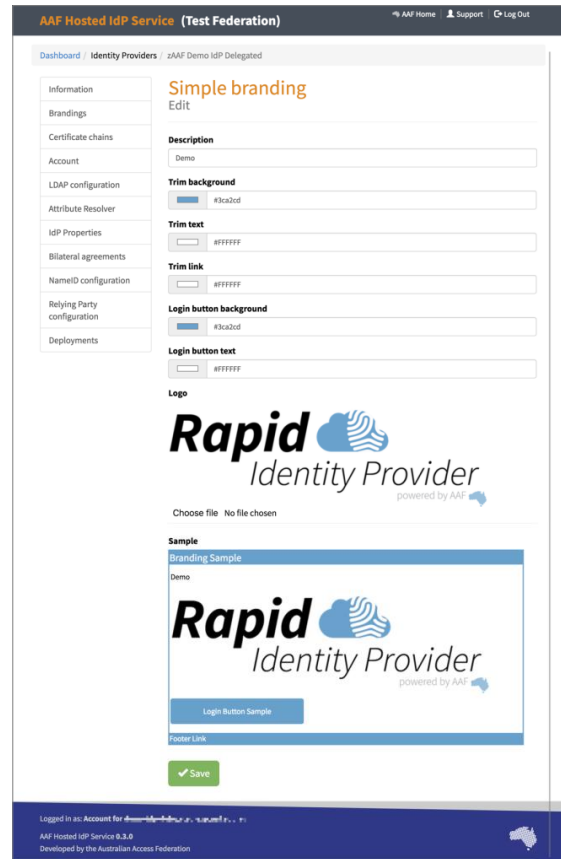
- Name:** ldap1
- Url:** ldap://10.10.10.10
- Base dn:** ou=people,dc=example,dc=edu
- User filter attribute:** uid
- Return attributes:** uid,cn,sn,displayName,eduPersonAffiliation,givenName,mail,mobile,o,businessCategory
- Bind dn:** cn=admin,*@example,dc=edu
- Bind dn password:** (empty field)
- X.509 Trust certificate (optional):** (empty text area)
- Use for authentication
- Use StartTLS
- Subtree search
-
-

A confirmation dialog is shown at the bottom: 'Delete this configuration? Your Identity Provider will not perform authentication and attribute resolution with this connection.' The footer of the interface shows: 'Logged in as: Account for * * * * *', 'AAF Hosted IdP Service 0.3.0', and 'Developed by the Australian Access Federation'.

Branding

Simple Branding

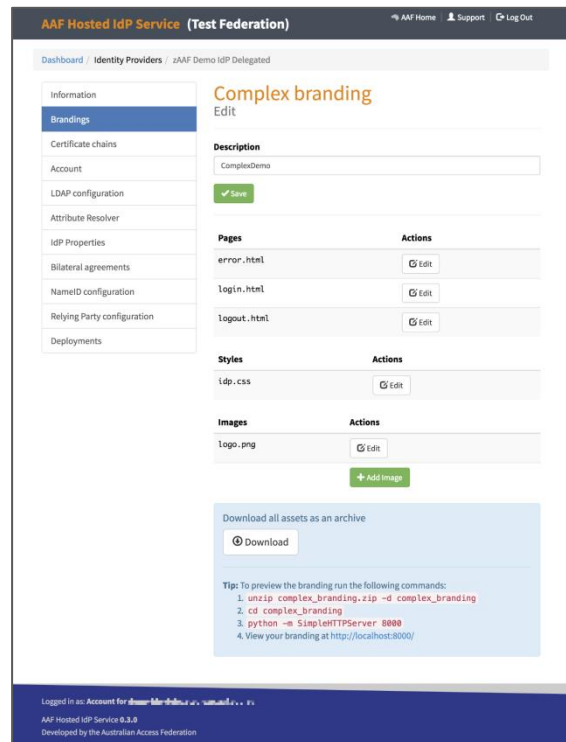
Simple branding lets administrators add a logo and offers basic control over the colour scheme for the login and error pages.



Complex Branding

Complex branding offers a much greater degree of control over the appearance of user-facing pages. Administrators have extensive control through the HTML and CSS editor.

Multiple branding schemes can be saved, simplifying corporate rebranding initiatives.



High Availability

Rapid IdP is engineered to ensure the service is available when you need it.

eduGAIN Ready

eduGAIN enables sharing of research tools and secure collaboration between researchers, educators and students around the world. Rapid IdP works with eduGAIN, allowing you to access research and education services from international federations if you choose to enable this option.

Find out more about eduGAIN <https://aaf.edu.au/edugain>

Australian Data Storage

Rapid IdP operates from Amazon Web Services (AWS) Sydney region. A fully encrypted backup is stored in the AWS London region for disaster recovery purposes.

Security

Security is a major design consideration for Rapid Identity Provider.

- Each customer's IdP is hosted on separate virtual machines, reducing the risk of performance issues and accidental disclosure of customer data
- Data is encrypted in transit and at rest.

Our security white paper provides more detail about the measures we've taken to maintain security. Email enquiries@aaf.edu.au to request a copy of the **Rapid Identity Provider Security White Paper**.

For more information about Rapid Identity Provider

Contact the Australian Access Federation: enquiries@aaf.edu.au | <https://aaf.edu.au/rapid>