Enterprise Directory Service (EDS)

Overview

The Enterprise Directory Service (EDS) is an LDAP v3-compliant directory server with authoritative information about individuals affiliated with the University of California, San Francisco.

A collaborative team from Information Technology Services (ITS) and the Library designed and developed EDS. The service is managed by the Identity and Access Management (IAM) team in ITS. Technical and administrative staff from numerous campus departments, including the Medical Center, School of Medicine, Department of Medicine, Office of the Registrar, Library, and Human Resources, were involved in the planning and design of the directory. For more information about the EDS Project Team, please see EDS Project Team.

**Important**

EDS is a directory service, and not a credential store. This means that EDS can not be used as an authentication source for an application. For authentication services, please see the MyAccess section.

Data

Data in EDS is provided by a variety of sources of record, including HR's PeopleSoft database, the Registrar's Student Information System (SIS), the Medical Center's Resident and Fellows System (RFS), ProWatch system Proximity Cards ("Prox Cards"), and the Campus Locator Service (CLS). The data from these systems are sent through the Individual Identifier Database (IID) then ingested into the directory. In some cases, data is also sent directly to EDS via the source system (for instance, student curriculum information is sent directly from SIS, and Prox Card information is sent via ProWatch, and not via IID). The process for ingesting data into the directory is very flexible, which makes adding new data to the directory very easy. If a data owner would like some of their data added to EDS, the data owner should contact the EDS team to talk about options.

For more information about the data contained in EDS, please see EDS Data.

Accessing Data

EDS has several interfaces for accessing data. These interfaces are listed below:

<table>
<thead>
<tr>
<th>Protocol</th>
<th>Address</th>
<th>Port</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDAP</td>
<td>Testing: eds-test.ucsf.edu</td>
<td>636</td>
<td>Only encrypted, authenticated binds to EDS are allowed.</td>
</tr>
<tr>
<td></td>
<td>Production: eds.ucsf.edu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HTTP</td>
<td>directory.ucsf.edu</td>
<td>443</td>
<td>This is a SSL encrypted site. JSON, instead of HTML responses can be obtained.</td>
</tr>
</tbody>
</table>

For more information about accessing the data contained in EDS, please see Accessing the Enterprise Directory Server (EDS).

- Accessing the Enterprise Directory Server (EDS)
- EDS Data
- EDS Developer Resources
- EDS Project Team
- EDS User List
- Requesting Access to the EDS