

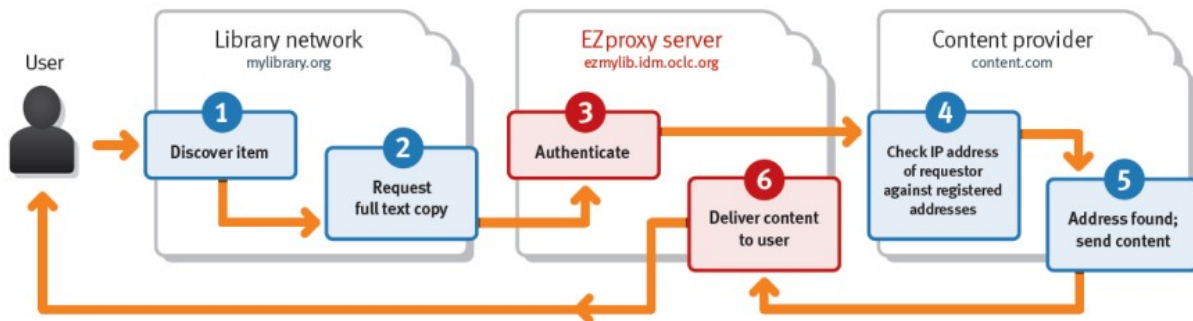
# EZProxy

## What Is It?

EZProxy is an OCLC product that provides students/faculty with remote authenticated access to the library's licensed resources. Access to licensed content is determined by the IP addresses that are registered to the university. However if the student/faculty are requesting content from off campus the IP address will be different than the university address and access would be denied.

EZProxy acts as an intermediary in this process and makes the request for content "by proxy" for the user who is outside the IP range by relaying that request through an IP that is inside the IP range. Prior to the EZProxy request being sent forward the system verifies the user is an active member of the University system. There are a variety of authentication methods, one being the verification of the University provided username and password.

(from OCLC site)



## How Might It Relate to SFX?

When students are searching the library databases from both on and off campus they will be presented with the SFX Find It option for materials that have been activated in the SFX database. If the student is on campus the IP address is acknowledged as coming from the university and the material is presented. If the student is off campus and clicks on the SFX icon, their off campus IP address does not match with the registered range of university IPs. EZProxy will authenticate the user by requesting their Username and password. Once authenticated, EZProxy will pass the student's request to the content provider using a university IP which is accepted.

## How Can SFX Be Integrated with EZProxy?

In SFX menu configuration, the administrator is able to identify a proxy setting. The proxy configuration options are: WAM, Libproxy, EZProxy, and web-proxy. You will need to enter the URL address of the proxy server.

SFX administrators have an option to turn on Proxy use at the target service level or at the object portfolio level.

The screenshot shows the 'Additional details' tab for editing a target service named 'CAMBRIDGE\_UNIVERSITY\_PRESS'. The service is 'getFullTxt' and is currently 'Active'. The 'Use proxy' checkbox is checked. The 'Enable Crossref' dropdown is set to 'INHERIT'. Other settings include 'Object Lookup (global)' set to 'Yes', 'Parser (global)' set to 'CUP::CUP', and 'Parse Param (global)' set to 'url=http://journals.cambridge.org'. The 'AutoActive' field contains a message: 'This target is not an aggregator page. You can overwrite this setting by using the aggregator settings dropdown menu.' The 'Aggregator Settings' dropdown is currently set to 'Aggregator Settings'.

Service	getFullTxt
Public Name (global)	
Activation status	<input checked="" type="radio"/> Active <input type="radio"/> Inactive
Site down	<input type="checkbox"/> Site down date 0000-00-00 00:00:00 Site down reason
Object Lookup (global)	Yes
Is free ?	No
Parser (global)	CUP::CUP
Parse Param (global)	url=http://journals.cambridge.org
AutoActive	This target is not an aggregator page. You can overwrite this setting by using the aggregator settings dropdown menu.
AutoUpdate	<input type="checkbox"/>
Displayer (global)	
Use proxy	<input checked="" type="checkbox"/>
Crossref Supported ?	Yes
Enable Crossref ?	INHERIT

## Are There Pros and Cons for Integrating SFX with EZProxy?

Universities can use different types of authentication systems to validate their users who are accessing library e-resources from off campus. EZProxy is just one possible solution for this problem.

### Pros

- Easy to setup, administer and maintain.
- EZProxy is run and backed by OCLC, an engaged and responsive leader in the library technology field.
- EZProxy is used by many libraries, and has an active and supportive user community.
- EZProxy allows administrators to use a wide range of authentication services (CAS, Shibboleth, etc...)

### Cons

- EZProxy's newest versions require a yearly licensing fee.
- There are frequent gaps in access as vendors update their EZProxy stanzas and fail to communicate that to libraries.

## Where Is More Information?

- 1) Information from OCLC on EZproxy:  
<http://www.oclc.org/support/services/ezproxy/documentation.en.html>
- 2) CARLI video on SFX and setting up the Proxy server:  
<https://www.carli.illinois.edu/products-services/link-resolver-sfx/secure/sfx-admin-series>  
(Scroll down to the Title: **How Do My Users Get Access? Proxy Settings in SFX**)