Set-Up Guide

March 2024

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BadgerLink Program and Resources

BadgerLink, Wisconsin's Online Library, provides Wisconsin residents with licensed, trustworthy resources. The resources are designed to provide a foundational collection serving all Wisconsin residents, augmenting those available through K-12 schools, public libraries, public and private universities and technical colleges, medical and health-care facilities and practitioners, and state agencies.

The Wisconsin Department of Public Instruction (DPI) Library Services Team oversees BadgerLink and provides leadership, consultation, technical assistance, and training to the Wisconsin library community on best practices and effective use of the resources. Resources and staff are paid for with Universal Service Funds appropriated through Wisconsin's biennial budget, and federal funding from the Institute of Museum and Library Services.

Resources are selected through a Request for Bid (RFB), or Request for Proposal (RFP) governed by Department of Administration (DOA) guidelines. The DPI is not able to change or add resources or content providers in the middle of a contract or without an awarded RFB or RFP. DPI is also unable to purchase a specific resource by name as procurement guidelines require all potential content providers be given equal opportunity to respond to an RFB or RFP. See https://badgerlink.dpi.wi.gov/about for additional details.

For the most up-to-date resources see https://badgerlink.dpi.wi.gov/resources.

Access and Authentication

BadgerLink resources are licensed exclusively for Wisconsin residents and two forms of authentication are currently used to provide access.

Authentication Methods

External Internet Protocol (IP) Address Registration
Direct access at libraries, schools, and other community organizations is provided through registration of external IP addresses. Schools, libraries, and other community organizations are encouraged to send current IP information through the IP Reporting Form at https://badgerlink.dpi.wi.gov/ip-reporting-form or by calling 888-542-5543.

If your firewall is masking the external IP addresses and assigning users to a larger pool of shared addresses, BadgerLink recommends using the alternative login access method described below.

Barcode Login

User off-site (remote, at home) will be prompted to log in at the BadgerLink website using a valid Wisconsin public library card, school identifier (generally referred to as a "barcode"), or Wisconsin zip code. Verify if your school or library is already set up, or request a new login option for your library, through https://badgerlink.dpi.wi.gov/contact-us.

Filtering & Whitelists

Institutions using filtering software or firewalls may need to set the following information to provide access.

Auto-Graphics (BadgerLink authentication provider)

Inbound IPs on TCP ports where your SIP2, Z39.50, and Web services
- 3.18.142.5
- 3.18.195.10
- 34.210.121.125
- 47.180.16.171 – 47.180.16.199

Outbound hosts on TCP ports: 80, 443
- stwi.agshareit.com
- aws01-staff.auto-graphics.com
- aws02-staff.auto-graphics.com
- aws01-api.auto-graphics.com
- aws02-api.auto-graphics.com

Outbound IPs on TCP ports: 2010, 3915, 6201
- 3.14.35.3
- 3.18.238.63
- 18.216.208.185
- 18.221.221.248
- 47.180.16.171 – 47.180.16.199

BadgerLink Domains
- badgerlink.dpi.wi.gov
- www.wiscat.net

Archive of Wisconsin Newspapers
- badgerlink.newsmemory.com

Britannica Digital Learning
- america.eb.com
- escolar.eb.com
- quest.eb.com
- academic.eb.com
- school.eb.com
- moderna.eb.com
- dictionary.eb.com

- eb.com
- britannica.com

Port 8080 must be open in order for the Read Aloud feature to function properly.

For optimal use of the Read Aloud functionality, institutions should allow these specific IP's: The primary IP (currently active) is 216.200.249.34 (this is at NL)

The backup IP (currently inactive) is 64.124.236.19 (this is at DLS)

If your network blocks IP addresses, allowing these IPs should take care of any performance issues you may be experiencing.
- 38.100.103.*
- 64.124.231.*
- 208.185.238.*
- 38.69.46.*
- 38.69.47.*

EBSCO
https://connect.ebsco.com/s/article/EBSCO-Domains-for-Firewalls-Proxy-Servers-and-Allow-Lists?language=en_US

HeritageQuest Online
- www.ancestryheritagequest.com
- search.ancestryheritagequest.com

Merriam-Webster Unabridged Dictionary
- unabridged.merriam-webster.com

Newspapers.com Library Edition- World Collection
- newscomwc.newspapers.com

ProQuest (U.S. Newsstream)
By domain wildcard:

- *.proquest.com

Or individual hosts:

- search.proquest.com
- media.proquest.com
- pq-static-content.proquest.com
- ssolanding-search.proquest.com
- sso.proquest.com

TeachingBooks
- teachingbooks.net

Gateway to the Resources

BadgerLink users have many options for navigating to the resources including the BadgerLink website, the school or library's website, a school library management system such as Follett Destiny Discover, Integrated Library System with an electronic resource discovery feature, Learning Management Systems, or Single Sign-On product.

See our [Educator & Librarian Guide: Accessing BadgerLink at School and Home](#) for details on how BadgerLink provides solutions and assistance when navigating through these various sites.

BadgerLink Website

The main access point to BadgerLink resources is through the BadgerLink website at https://badgerlink.dpi.wi.gov. The website not only offers supplemental information about each resource, but also training materials and promotional materials.

Authentication is not activated until a user clicks on a link for one of our licensed resources - what we refer to as our *authenticated URLs*. Therefore, the BadgerLink website and the supplementary content is available to anyone, whether they are a Wisconsin resident or not.

Your Website

Library staff and educators are welcome to link directly to the:
- Resource pages, https://badgerlink.dpi.wi.gov/resource/academic-search-premier
- Individual resources - find the *BadgerLink Resource URLs* document, which also contains logos, at https://badgerlink.dpi.wi.gov/library-staff
- BadgerLink homepage https://badgerlink.dpi.wi.gov

Organizations are asked to use a combination of the following:
- BadgerLink logo or general credit statement such as (provided by BadgerLink)
- General program description
- *BadgerLink is Wisconsin's Online Library, providing Wisconsin residents with licensed educational content from multiple sources across a range of topics*
- Individual resource descriptions available in the *BadgerLink Resource URLs* document

EZProxy
Most BadgerLink resources may be added to a proxy server. Please share the IP address of your proxy server via the [Contact Us form](#), and use the authenticated URLs listed on the [BadgerLink Resource URLs](#) [Google Sheet](#) to build your proxy URLs. This ensures that resource usage from your proxy is attributed to your institution, and that users will not be asked to log in to both BadgerLink and your institution.

> EZproxy Configuration Stanza
> Title: BadgerLink
> URL: https://www.wiscat.net

Domain: wiscat.net
Host: www.badgerlink.dpi.wi.gov

Ancestry products are typically not EZProxy compatible, nor does Ancestry provide support. However, institutions may try the following stanzas for HeritageQuest Online and Newspapers.com.

Title: HeritageQuest Online
MimeFilter application/json javascript
URL: https://heritagequestonline.com
DJ: heritagequestonline.com
NeverProxy: ancestryheritagequest.com

Title: Newspapers.com Library Edition
URL: https://newspaperslibrary.proquest.com
HJ: newspaperslibrary.proquest.com
NeverProxy: newscomwc.newspapers.com

School Library Management Software

Most BadgerLink resources may be added to school library management software such as Follett Destiny.

1. To add links to the resources from your Destiny homepage, use the authenticated URLs listed in Column D on the BadgerLink Resource URLs Google Sheet. Our standard authentication applies. Users accessing from a school network will have automatic access. Users accessing from home may need to log in on the BadgerLink website (see *Authentication Methods > Barcode Login* above).
2. Resources may be added to Destiny One Search or Discover, meaning search results will include article- level links from BadgerLink resources. Schools must contact BadgerLink to request a username and password for each BadgerLink vendor for use during configuration.

Integrated Library System (with electronic resource discovery feature)

Most BadgerLink resources may be added to Integrated Library Systems with an electronic resource discovery feature, such as *Innovative Interfaces Sierra Encore* or *SirsiDynix Symphony Enterprise Discovery Platform*.

Learning Management System

Many BadgerLink resources may be added to a Learning Management System through the Learning Tools Interoperability (LTI) standard, or by adding direct links.

Single Sign-On

Schools and libraries may choose to include individual BadgerLink resources (i.e. *Britannica School, Explora for Middle & High Schools, LearningExpress Library School* Center) within a single-sign on provider such as ClassLink or Clever.

Contact BadgerLink at https://badgerlink.dpi.wi.gov/contact-us to request the applicable usernames, passwords, LTI information, or with any questions.

Training Resources

Self-directed videos and printable documents are available on the website at https://badgerlink.dpi.wi.gov/training.

Staff is also available for sessions on any topic, personalized for your organization. Request training at https://badgerlink.dpi.wi.gov/training/request-training.