



Set-Up Guide

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BadgerLink Program and Resources

[BadgerLink, Wisconsin's Online Library](#), licenses educational and recreational content for use by anyone in the state. BadgerLink is a project of the Resources for Libraries & Lifelong Learning (RL&LL) team within the Division for Libraries & Technology at the Wisconsin Department of Public Instruction (DPI).

This guide is written for school and library staff, and covers system requirements and basic guidelines for use of the resources listed below.

BadgerLink content is selected through a Request for Bid (RFB) process governed by the Department of Administration (DOA) guidelines. Collections are established with input from the statewide library/school community, and content and technical specifications are developed by DPI staff with input from DOA and the statewide library/school community. The RFB is distributed to all potential vendors via VendorNet. Content is purchased with Universal Service Funds appropriated through Wisconsin's biennial budget process.

The current resources were contracted mid-2018, renewed in mid-2020, and cover a 2-year period.

Britannica Digital Learning	Britannica School Britannica Fundamentals (previously Learning Zone) Britannica Library Britannica Escolar Britannica Moderna Merriam-Webster Unabridged Dictionary
EBSCO	Academic Search Premier Advanced Placement Source (<i>added 10/1/2020</i>) AHFS Consumer Medication Information Alt HealthWatch American Heritage Children's Dictionary (not direct; thru Explora for Elementary) Auto Repair Source Business Source Premier Children's Core Collection Computers & Applied Sciences Complete (<i>added 10/1/2020</i>) Consumer Health Complete Education Research Complete Educational Administration Abstracts ERIC European Views of the Americas: 1493-1750 Funk & Wagnalls New World Encyclopedia GreenFILE Health Source: Consumer Edition Health Source: Nursing/Academic Edition History Reference Center Humanities International Complete Library, Information Science and Technology Abstracts with Full Text Literary Reference Center Plus (<i>added 10/1/2020; replaced Literary Reference Center</i>) MAS Complete (<i>added 10/1/2020; replaced MAS Ultra</i>) MasterFILE Complete MEDLINE Middle & Junior High Core Collection Middle Search Plus Military & Government Collection Newspaper Source Plus News wires NovelList

	Novelist K-8 OpenDissertations Poetry & Short Story Reference Center (<i>added 10/1/2020</i>) Primary Search Professional Development Collection Regional Business News Science Reference Center Senior High Core Collection Small Engine Repair Reference Center (<i>added 10/1/2020</i>) Teacher Reference Center Web News
LearningExpress	LearningExpress Library
ProQuest	HeritageQuest Online Newspapers.com Library Edition World Collection U.S. Newsstream
TeachingBooks	TeachingBooks
Wisconsin Newspaper Association	Archive of Wisconsin Newspapers

BadgerLink also partners with the Wisconsin Historical Society to provide authentication service to the Wisconsin Historical Society Family History Records.

The resources above are subject to change. For the most up-to-date offerings see <https://badgerlink.dpi.wi.gov>.

Access & 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

BadgerLink staff register Wisconsin-based static external IP addresses, as assigned by the Internet Service Provider, for direct access to the resources. 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.

Users accessing from an unregistered network may request direct access at <https://badgerlink.dpi.wi.gov/contact-us>, and staff will determine on a case-by-case basis if registration is possible.

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

When direct access through registration of the external IP address is not available, users may access the resources after logging in with a valid Wisconsin public library card or school identifier (generally referred to as a “barcode”) at <https://badgerlink.dpi.wi.gov/login>. If your school or organization is not currently set up with a login, contact BadgerLink staff at <https://badgerlink.dpi.wi.gov/contact-us> for details.

Filtering & Whitelists

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

Auto-Graphics (BadgerLink authentication and Super Search provider)

Inbound IPs on TCP ports where your SIP2, Z39.50, and Web services live:

- 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 IP's 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

PubMed

- www.ncbi.nlm.nih.gov

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, promotional materials, and entry to [Super Search](#), our federated search.

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*, or until the user enters a search through Super Search. 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:

- BadgerLink homepage <https://badgerlink.dpi.wi.gov>
- Resource pages, i.e. <https://badgerlink.dpi.wi.gov/resource/academic-search-premier>, or
- Directly into any licensed resource using our *authenticated URLs*, available in column F on the [BadgerLink Resource URLs Google sheet](#)
 - **NOTE:** Authenticated URLs changed after a system upgrade on September 30, 2019 and redirects are in place until December 1, 2020. Please make sure your sites are using the most current URLs as noted in column F no later than 12/01/2020.

Find the *BadgerLink Resource URLs* document and logos at <https://badgerlink.dpi.wi.gov/get-word-out/badgerlink-your-website>.

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 in Column F 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 not EZProxy compatible, nor does Ancestry provide support for EZProxy. However, institutions may try the following stanza for HeritageQuest Online.

Title: HeritageQuest Online
MimeFilter application/json.*.javascript
URL: <https://www.heritagequestonline.com>
DJ: heritagequestonline.com
NeverProxy: ancestryheritagequest.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 F 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>.