Set-Up Guide

July 2022

Wisconsin Department of Public Instruction
Madison, Wisconsin

This publication is available from:

Wisconsin Department of Public Instruction
125 S. Webster Street
Madison, WI 53703
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badgerlink.dpi.wi.gov
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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 School  
Britannica Fundamentals (previously Learning Zone)  
Britannica Library  
Britannica Escolar  
Britannica Moderna  
Merriam-Webster Unabridged Dictionary  
|  
| EBSCO | Academic Search Premier  
Advanced Placement Source *(added 10/1/2020)*  
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 *(added 10/1/2020)*  
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 *(added 10/1/2020; replaced Literary Reference Center)*  
MAS Complete *(added 10/1/2020; replaced MAS Ultra)*  
MasterFILE Complete  
MEDLINE  
Middle & Junior High Core Collection  
Middle Search Plus  
Military & Government Collection  
Newspaper Source Plus  
Newswires  
NovelList  
|
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 provider) Inbound IPs on TCP ports

- 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
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

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

TeachingBooks
- teachingbooks.net

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**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:
- 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 D 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 D no later than 12/01/2020.

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 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.