

Technology Report

March, 2023

MyPC Upgrade

We will be deploying the new version of MyPC to all MyPC libraries after hours on Wednesday, April 5th. Please make sure all patron PCs are left powered on overnight as usual. [Information about new features](#) was shared with the [scls-timeandprint email list](#). We'd like to thank the staff at the Portage, Oregon, Monroe, Reedsburg, Lodi and Fitchburg libraries for pilot testing the new version.

Backup Collaboration

Winnefox has added all of their servers to the collaborative backup system. A few of the servers are having issues getting backed up, but we are working with Dell to get this resolved.

Drupal 9 migration

Live Drupal 9 sites (March): [MAZ](#), [MTH](#)

Email lists

After WiscNet upgraded their email list platform and transitioned the SCLS lists to the new platform, SCLS completed updates to our "[Available SCLS email lists](#)" webpage and all of the internal and external documentation related to email lists.

Email security

(repeat from February's Tech Report)

In 2023, SCLS will implement multifactor authentication (MFA) to significantly improve security for SCLS-hosted O365 email accounts.

What is multifactor authentication (MFA)?

MFA adds an additional way to confirm your identify when you're logging in. You've probably already used it to sign into accounts for banking, medical, retirement savings, and other more secure sites ---- you sign in with your username/password, and then the site verifies you're really you through another means (text/call/app verification).

The short (2:15) Microsoft video on this page is an excellent introduction into MFA:

<https://support.microsoft.com/en-us/topic/what-is-multifactor-authentication-e5e39437-121c-be60-d123-eda06bddf661>

We starting with SCLS Admin and Delivery staff accounts so we can work out all the technical details and possible hurdles. As we get further along with testing, we'll be sharing more information about the project with libraries via the [SCLS Tech Blog](#) and [scls-technology email list](#).

Move preparations

The SCLS Technology and ILS Teams are preparing a detailed list of services and status during the cutover weekend of May 27-May 30.

Coordination continues between SCLS and various entities to move network services to new location. This includes MUFN, WiscNet and BadgerNet circuits.

A detailed service outage document was shared to member libraries via email on March 29. Libraries are asked to complete the following form by May 24: [Form for help](#)

Data Services

Oregon Public Library use by PSTAT data visualization: In March, I worked on updating a dashboard for Jennifer Endres Way, Director of the Oregon Public Library. The dashboard comprises two data views. The first includes a map and table of the top ten municipalities whose residents borrowed the most items from the Oregon Public Library in 2022. A second data view maps the five most-utilized libraries for the Village of Oregon and surrounding municipalities. Annual ILS Checkout by PSTAT reports provided the data for updating both visualizations.

Local Holds data presentation: I provided a brief overview of data gathered during the Local Holds pilot project for the SCLS All Directors meeting in March. My presentation compared the overall trends in four metrics for adult fiction books: weekly circulation, loaned/borrowed ratios, percentage of patron checkouts from the circulating library's collection, and average days to fill item holds. My analysis concluded that Local Holds had little effect on overall circulation while impacting loaned/borrowed ratios, especially for libraries participating in the pilot. What I found more ambiguous was evidence for impacts on checkouts from the library's collection and average time to fill holds: both appear to be influenced more by factors related to pandemic shutdowns.

Columbia County Library Funding visualization: At the request of Columbia County Libraries, I refreshed a previously-created dashboard comparing various sources of library income and charting the relative contributions of municipal funding, county funding, adjacent county reimbursements, and other income sources. The dashboard also aggregates data for all County libraries on several metrics collected from the most recent library Annual Reports in 2022. Columbia County Library staff and supporters can use these visualizations to advocate for library funding at both municipal and county levels.

- Tim Drexler

Scripting and Reports Team

SCLS move and database availability: The Scripting & Reports Team met on March 15th to plan for service outages during the SCLS building move in May 2023. The Team primarily discussed database authentication to determine which products would be usable for patrons during SCLS server downtime. We expect that Badgerlink, Overdrive, and databases that use SIP authentication, such as Kanopy, CreativeBug, and LinkedIn Learning, will be accessible. The availability of some databases, such as Ancestry, will depend on factors such as whether the library uses SCLS network services. However, other databases that do not use SIP authentication will not be available.

- Tim Drexler