

System connections by hosting | padlet.com/smatheson3/IUGconnected

# System connections by hosting

Details are good, but don't disclose security sensitive details here.

## Hosted systems connecting to...

### Campus finance system - Workday

We use output vouchers to send our payments from Sierra to Workday

0 likes, 0 comments

### SMS Vendor (Shoutbomb)

We have a script that runs SQL queries and uploads a text file to the vendor

1 like, 2 comments

**Anonymous** 1m  
this is a great idea / solution for sharing data with vendors. You can send them only the data that they need--whereas with giving them direct SQL access or even the REST APIs may open up more bits of data than they should have. --Ray

**Scott** 1m  
We do something like this for sending IBNS to a vendor so they know our current holdings (purchased from other vendors). We use a simple script to pull the data and email it to GOBI (Apple Automator, but any scripting engine would work)

### We use the GOBI API and I FTP the catalog to Syndetics.

0 likes, 0 comments

## Software-only systems connecting to...

### Protecting API Endpoints and other web-based aspects of Sierra

For software-only I had been interested in using a service such as Cloudflare to run in front of Sierra as a reverse proxy. The idea is that Cloudflare (and similar solutions) offers some protection against DDOS attacks, 0-day exploits, etc. by standing in front of the internet exposed HTTP application ports.

Are there any folks out there doing something similar, and what have been the challenges with that?

1 like, 1 comment

**Scott** 1m  
The reverse-proxy setup is how the Innovative SSO server works (albeit for sign-in purposes, not specifically protection from bad people). We use it with WebPAC.

### Campus Authentication

We mostly use MS 365 for patron authentication but because SAML is only recently supported we use an older LDAP to have students and employees login and that has to be done from within our campus.

0 likes, 0 comments

## On-premises turnkey systems connecting to...

### FTP server

We have a local FTP server for moving files in and out - inventory, vouchers, bibs, etc. - but are moving to hosted and need a replacement... What are the options?

0 likes, 0 comments

## Updates... because nothing is ever simple.

### NCIP - a connection protocol for ILL

I forgot an entire connection protocol! NISO Circulation Interchange Protocol, aka Z39.83, is used for ILL and direct consortial borrowing (like INN-Reach).

[NCIP Overview - OCLC Support](#)

It belongs in the middle category of the list, with Z39.50 and SIP2, the "library-specific" protocols that you might need to explain to your IT folks.

0 likes, 0 comments

### A whole other firewall!

A colleague discovered that there is another layer of network blocking that may come into play. A standard service on Linux machines called **iptables** may block some ports on your Sierra application server. Usually this is part of the checklist for setting up a new service, but if there are issues, be sure to ask helpdesk to double-check (or your local admin if Software-only).

You can think of this as a new firewall-type block between your cloud firewall and the Sierra LNA settings.

- Thanks to Derek Zoladz at OhioNet for documenting this (found during setup of stunnel on port 45550)

2 likes, 0 comments

## Related sessions

### How do I get the barcodes into the system?

TODAY at 2:30 (eastern)

0 likes, 0 comments

### Scheduler!! with Sarah and Bee!

TODAY at 4:15 (eastern)

0 likes, 0 comments

### Setting up stunnel for SIP2

Quick Hit - FRIDAY at 12:30 (eastern)

0 likes, 0 comments

### API Roles and Permissions

Quick Hit - FRIDAY 12:30 (eastern)

0 likes, 0 comments