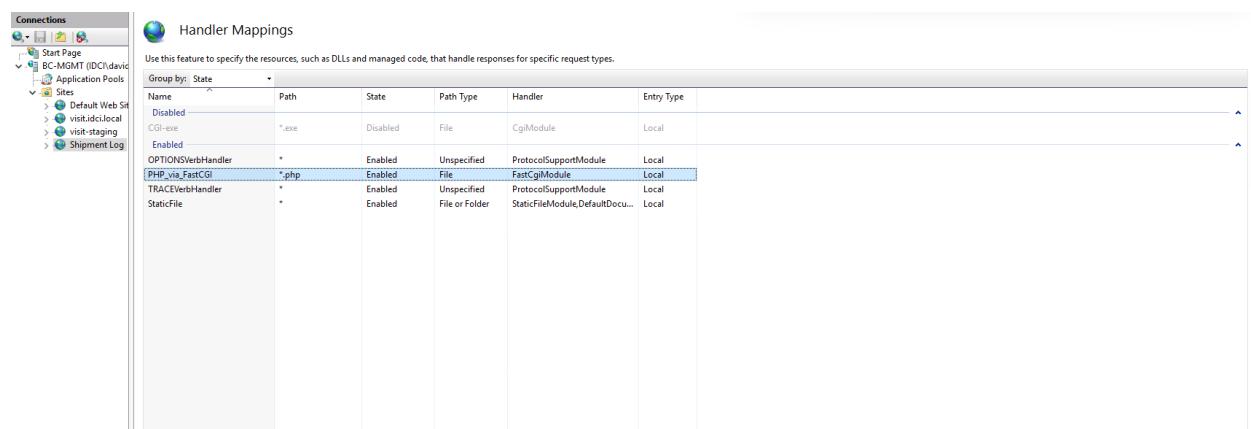


Things to consider adding/changing for IT:

Sammy: Multiple visitors who have signed in but who have not yet signed out are allowed to input the same visitor pass number. The issue is, if someone forgets to sign out, then that corresponding pass number may never be inputted even if that pass is returned unless they are manually signed out. May need to write a script that automatically signs out everyone at the end of each day.

MySQL Schemas and Tables: [database_scheme shipmentlog&visitorlog.xlsx](#)

For the most part, setting up and maintaining the Visitor Log and Shipment Log web apps is straightforward. The main ongoing task is to periodically update the PHP version and vendor PHP libraries to address potential security vulnerabilities and code deprecation – for the 2 projects I've installed the most recent versions so this doesn't need to be done for some time. All use **DefaultAppPool**, and for handler mappings (see below):



The screenshot shows the IIS Handler Mappings configuration for the 'Shipment Log' application. The left sidebar shows the 'Connections' tree with 'Start Page', 'BC-MGMT (IDC)\david', 'Application Pools', and 'Sites'. Under 'Sites', 'Default Web Site', 'visitid.local', 'Visit-staging', and 'Shipment Log' are listed. The 'Shipment Log' site is selected. The main pane is titled 'Handler Mappings' with the sub-instruction 'Use this feature to specify the resources, such as DLLs and managed code, that handle responses for specific request types.' A dropdown 'Group by:' is set to 'State'. The table lists the following handlers:

Name	Path	State	Path Type	Handler	Entry Type
Disabled	*.exe	Disabled	File	CgiModule	Local
CGI-Script	*.cgi	Enabled	Unspecified	ProtocolSupportModule	Local
Enabled	*	Enabled	Unspecified	ProtocolSupportModule	Local
OPTIONSVerbHandler	*	Enabled	Unspecified	ProtocolSupportModule	Local
PHP_via_FastCGI	*.php	Enabled	File	FastCgiModule	Local
TRACEVerbHandler	*	Enabled	Unspecified	ProtocolSupportModule	Local
StaticFile	*	Enabled	File or Folder	StaticFileModule,DefaultDocu...	Local

Both applications include their `composer.json` and `composer.lock` files, which specify the required PHP packages and lock them to exact versions for consistency. The actual libraries stored in the vendor directory are installed via Composer (*except for the mail library).

- **Shipment Log** – Uses the `phoffice/spreadsheet` library.
- **Visitor Log** – Uses the `mpdf` (for pdf attachment) and `phoffice/spreadsheet` (for exporting logs) libraries. It also uses `PHPMailer`, but this is loaded manually by copying `PHPMailer.php`, `SMTP.php`, and `Exception.php` into the **php files** subfolder in the application root rather than through Composer.

The **Visitor Log database**, **Shipment Log database**, and **Visitor Log Staging Site database** are in the same MySQL server instance:

Host: localhost

Service: [REDACTED]

Database Name: **visitorlogbook_db** (for visitor log), **shipment_log** (for shipment log),
staging_visitorlogbook_db (for visitor log staging site)

User: [REDACTED]

Password: [REDACTED]

LDAP (*Sort Of*):

In C:\inetpub\wwwroot\visit\docs\html files on [REDACTED] server, there is a LDAP_Users.txt file which contains a constantly updated list of all the employees in Active Directory (BC only). Shiki created a PowerShell script named ldap_userlist.ps1 in C:\Script\VisitorLog Script that pulls the names from the AD into the LDAP_Users.txt file in alphabetic order. We used Task Scheduler under the name Employee BC Location to run the script and update the file every minute. These files must be available in order for the typeahead function in the Visitor Forms to work.

MPDF/signature/pdfrecord subfolders

The following folders must exist in the specified location with IIS_IUSRS having modify and write permissions otherwise the app will not run:

Signatures folder: C:\inetpub\wwwroot\visit-staging\docs\php files\signatures

Pdfrecord folder: C:\inetpub\wwwroot\visit-staging\pdfrecord

Note: *MPDF needs a writable temp directory when generating a pdf to store things like font cache, images, and page data. By default it expects the following structure:
vendor/mpdf/mpdf/tmp/mpdf/

Scheduled Tasks (Task Scheduler Library) - repeat every minute:

Employee BC Location

Shipment Log Export File

Visitor Log Export File & Admin Email

Exported Files:

Visitor Log: T:\VisitorLog

Shipment Log: T:\ShipmentLog

Dump File (for schema):

I successfully exported the database structure and data using MySQL Workbench's export function to create a duplicate for my staging site. The resulting dump file is stored at C:\Users\david.zhu\Documents\dumps and corresponds to the database from the server at [REDACTED]

Folder Map (Visitor Log)

*C:\inetpub\wwwroot\visit and *C:\inetpub\wwwroot\visit

- **docs**
 - **.vscode** – IDE config files
 - **css files** – Stylesheets for Visitor Log pages
 - **html files** – Static HTML pages, typeahead LDAP dependency (LDAP_Users.txt)
 - **images** – App images / icons
 - **php files** – Main PHP scripts
 - **signatures** – IIS_IUSRS: Modify/Write, stores visitor signatures
 - **base64ToImage.html** – HTML file for image handling (not necessary)
 - **config.php** – Database configuration
 - **config.sample.php** – database config (for safe commit)
 - **export_daily_logbook.php** – Export script for logs
 - **index.html** – Visitor Log landing page
 - **mail_config.php** – PHPMailer config
 - **mail_config.sample.php** – PHPMailer config (for safe commit)
 - **phpinfo.php** – PHP info page
 - **VisitorKioskInstallation.pdf** – Installation instructions / guide (not necessary and probably inaccurate)

