OCLC

Amlib

Library Management System

OpenOPAC 6.2 Upgrade Guide

Version 6.2

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WELCOME

Welcome to the *OpenOPAC 6.2* Upgrade Guide.

Please note this is a major release of OpenOPAC with significant changes including in the way the module is managed overall – please see Amlib 6.2 release notes for further information.

OVERVIEW

The upgrade of the *OpenOPAC* involves the following steps:

1. **Backup/Saving of configuration files for existing OpenOPAC setup [page 7]**
2. **Uninstall existing OpenOPAC components:**
   - **OCLC Amlib Backend**
   - **OCLC Open Search**
   - **OCLC Open Frontend**
   - **OCLC Open CentralFrontend**
   - **Apache Tomcat**
3. **Install OCLC.Open.FrontendSetup**
4. **Restore configuration files**
5. **Configure Open**

NOTE: *Before commencing this UPGRADE please ensure no browsers or connections to OpenOPAC are open.*

BEFORE YOU BEGIN THE INSTALLATION…

*Before upgrading **OpenOPAC** you **must have** upgraded to or installed **Amlib 6.2** on your server.*

These instructions are for sites who already have OpenOPAC previously installed

Read the Installation Notes First

Please carefully read the entire upgrade guide prior to commencing the actual *OpenOPAC 6.2* release upgrade.

If you have any questions please log a support call on TOPdesk
https://oclc.topdesk.net/tas/public/login/form

If you do not know your TOPdesk login please email support-anz@oclc.org and we will send it to you.

PRE REQUISITES

This Upgrade is for those sites which previously have installed the full version of the OpenOPAC and are updating the components to the newest Version.

A serial key will be required for this upgrade please contact Amlib Support via Topdesk https://oclc.topdesk.net/tas/public/login/form if a serial key has not yet been provided.

As these instructions are for an Upgrade, it is assumed **.NET Framework Full version 4.0 or later and Java runtime version 6.0 or later** are already installed.

IIS with **ASP.NET** support must also be installed. For information on how to complete this please see the Full Installation instructions for *OpenOPAC.*

Note: OpenOPAC can be installed on the Amlib server, NetOpac server or a separate server depending whether it's to be for internal use or external use.

INSTALLATION OF THE OPENOPAC UPGRADE

OpenOPAC v6.2 software installers are available on-line to download from our OCLC website from the Amlib Customer Support Centre by using your login. If you need assistance with your login for this site or do not know your login please Log a call on Topdesk or contact: support-anz@oclc.org

Backup of Configuration Files for Existing OpenOPAC Setup

On the server on which OpenOPAC is currently installed, locate and backup the following files in the given directory:

Note: We suggest that you save these file into a separate folder that can be easily located after the upgrade process is completed e.g. **\Desktop\OpenConfig**

1. **Synonyms.txt**
   - C:\OPEN_Solr\SolrConfigAndData\OclcSolrSearchCore\conf

2. **Stopwords.txt**
   - C:\OPEN_Solr\SolrConfigAndData\OclcSolrSearchCore\conf

3. **OclcOpenDb.sdf**
   - C:\inetpub\wwwroot\OCLC Open Frontend\App_Data

4. **AmlibConfig.xml**
   - C:\inetpub\wwwroot\OCLC Amlib Backend\BackendService\App_Data

5. **mainimage1.0.jpg**
   - C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\ImagesPublic

6. **Variables.less**
   - C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\Styles

7. **Styles.css**
   - C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\Styles

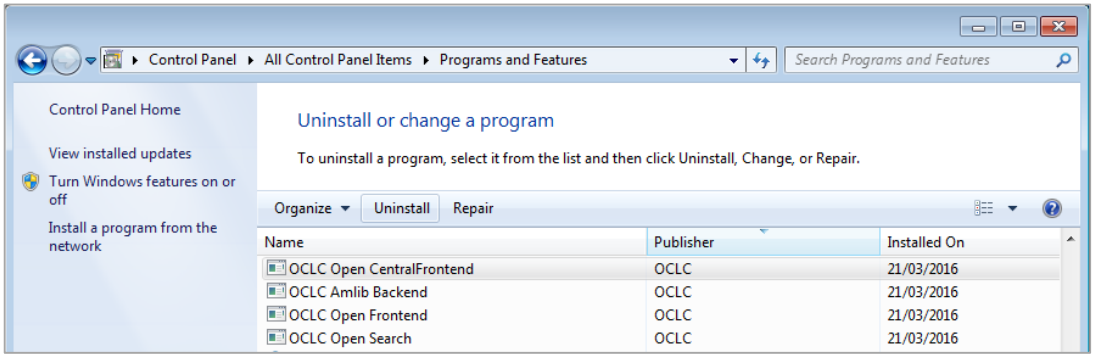
8. **Mobile_Styles.css**
   - C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\Styles

Uninstall Existing OpenOPAC Components

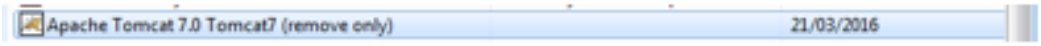
1. On the Windows desktop click on the **Start>Control Panel**, then select Programs and Features – list of installed application will load

2. Locate the following component one at a time and uninstall them:

    - OCLC Open Central Frontend
    - OCLC Amlib Backend
    - OCLC Open Frontend
    - OCLC Open Search



3. After uninstalling the above component – find and uninstall **Apache Tomcat**



Remove Outstanding OpenOPAC Component

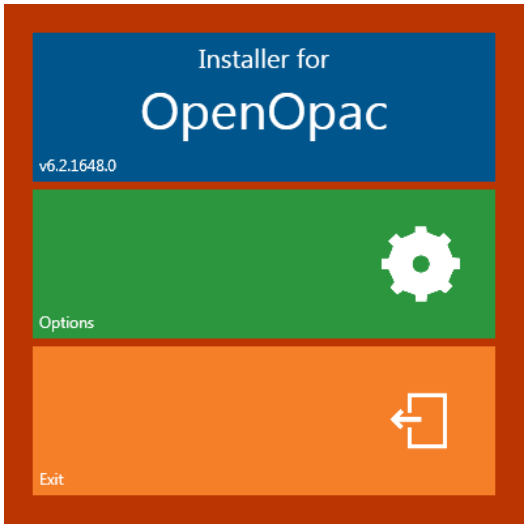
1. On the server on which OpenOPAC was installed on browse to the following directory: C:\inetpub\wwwroot

2. Delete each of the following folders and its remaining content within the directory:
    a. OCLC Open Frontend
    b. OCLC Amlib Backend
    c. OCLC Open CentralFrontend
    d. OCLC OpenSearch

Install OCLC.Open.FrontendSetup

1. Run the installer OCLC.OPEN.FrontendSetup.exe

2. The Installer for OpenOPAC main view will display



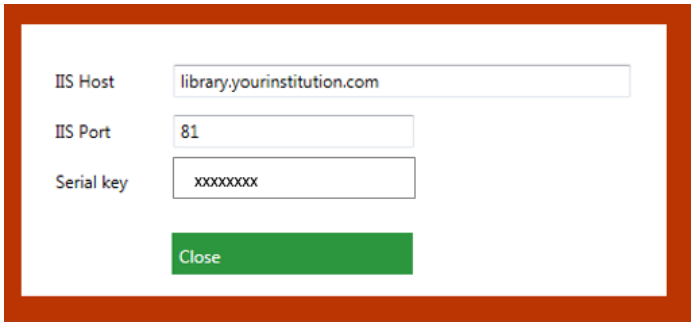
3. Select **Options** - the Options view will display

4. Enter the **IIS host** name, this should be the host name of the server/computer or if it is only to be accessed via network or a public domain name e.g.: http://library.yourinstitution.com

5. Enter the **IIS port** number you have assigned to OpenOPAC.

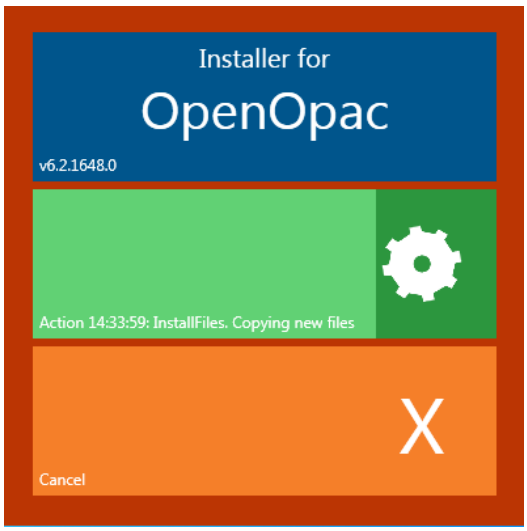
   Note: *if you have instances of NetOpac or OPENReports installed ensure there are no confusion between the port numbers. Each application will need its own port number*

6. Enter your **Serial Number** provided by OCLC



7. Select **Close** – the installer main view will display with the option to start the installation process enabled

8. The Installer for OpenOPAC main view select **Click to start installation** – the installation will commence:



9. A browser window will load. Minimise it as it will be needed later

10. The **Amlib Configuration Manager** should open automatically. Close this window as this is not required at this point.

11. Click **Exit** to exit the wizard

Restore Backed Up Configuration Files

Restore the individual files backed up from pages 7 **carefully** into the following directory to ensure previous OpenOPAC styling and configuration are migrated across to this latest update:

1. **Synonyms.txt**
   -> C:\inetpub\wwwroot\OCLC Open Frontend\SearchFiles

2. **Stopwords.txt**
   -> C:\inetpub\wwwroot\OCLC Open Frontend\SearchFiles

3. **OclcOpenDb.sdf**
   -> C:\inetpub\wwwroot\OCLC Open Frontend\App_Data

4. **AmlibConfig.xml**
   -> C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\App_Data

5. **mainimage1.0.jpg**
   -> C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\ImagesPublic

6. **Variables.less**
   -> C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\Styles

7. **Styles.css**
   -> C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\Styles

8. **Mobile_Styles.css**
   -> C:\inetpub\wwwroot\OCLC Open Frontend\Frontend\Styles

Once all the configuration files have been restored. **Restart** IIS (Internet Information Service) Manager.

If you wish to use the NEW Front page option

This needs to be setup when logged in as the **Administrator** > C**onfiguration** > **Custom text** tab. This will appear under your Home page before a search is conducted.
- You can include an image of your library or maybe a location map
- Details about your library & you're opening hours
- Contact details
- And other links to social media you may like your patrons to use

The Upgrade is complete. It should be possible to continue to use the *OpenOPAC*.

The Version Number can be checked from the *OpenOPAC* window from Help. The Version Number will appear at the base of the Window.

SECTION 3: TROUBLESHOOTING

What do I need to check if none of the pages from OpenOPAC can be accessed?

There is 1 potential area that may need attention:

- **IIS:** There may be an issue with IIS or its configuration. This is less likely and once again troubleshooting will depend on the error received.

Where do I need to check when OpenOPAC is not working correctly?

- Restart IIS
- Send log file to Via Topdesk support call at https://oclc.topdesk.net/tas/public/login/form [Log files are found here: :**\inetpub\wwwroot\OCLC Open Frontend\OclcLogFiles**]
- Go to the Configuration area > upload tab and re-set the memory [This clears all cached values, effectively causing the values being reread from Amlib. Values like master data, circulation settings, parameters etc.]

When do I need to use the Reset Memory or Save functions?

- **Select Save** As part of the initial configuration and when you have re-uploaded metadata or suggestions or changed catalogues

- **Select Reset memory** when supervisor/ parameter changes in the Amlib client have been made, so the changes will be sent and updated to OpenOPAC.

I cannot complete 'Upload all Catalogues' when doing the Initial Load, because it stops or an error message displays before it fully completes …

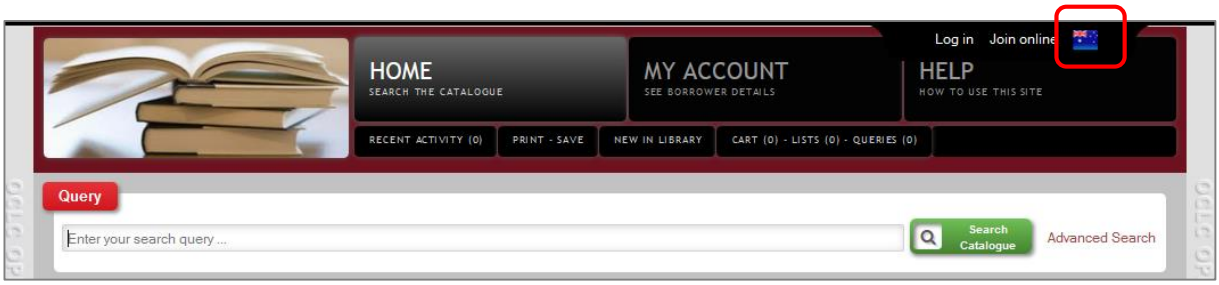
- There could be an issue with your tables or indexes in the database, please log a support call on TOPdesk and attach a screen shot of the error message. If you do not know your TOPdesk login please email support-anz@oclc.org and we will send it to you

How do I ensure parameter changes I make in Amlib are transferred to OpenOPAC [such as supervisor or loan parameter settings]?

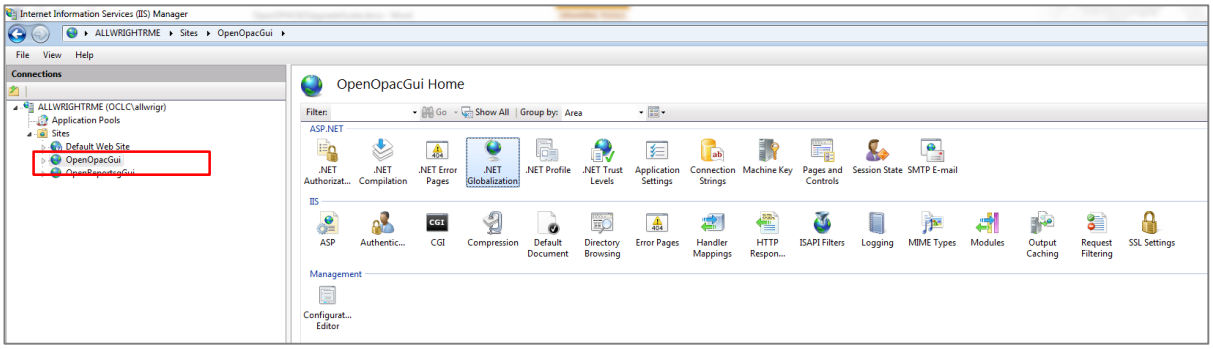
- Log in as Administrator > select configuration > Upload tab > and then select the correct option according to what you are updating [see the configuration guide – in the ' Which CHANGES ARE INSTANTANEOUS and which ARE NOT' section of the guide]

APPENDIX A: LANGUAGE AND DATE CONTROL OF BROWSERS VIA IIS SETTINGS]

To control the language setting of all your browsers used for *OpenOPAC*, it is possible to change two settings in IIS [Internet Information Services manager]. This will ensure that the flag in the top right hand corner of your browser when you access the OpenOPAC will always be the Australian flag.

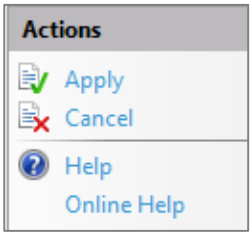


1. Open IIS7
2. Highlight **OpenOpacGui** in your Sites folder on the left
3. Double click **Net.Globalisation** icon from the ASP.Net section of OpenOpacGui Home



4. The **.NET Globalization** window will display
5. Use the drop-down menu for **Culture**

6. Select **English (Australia) (en-AU)** from the list
7. Use the drop-down menu for **UI Culture**
8. Select **English (Australia) (en-AU)** from the list
9. Once both are configured, select **Apply from the Actions section** in the right hand section

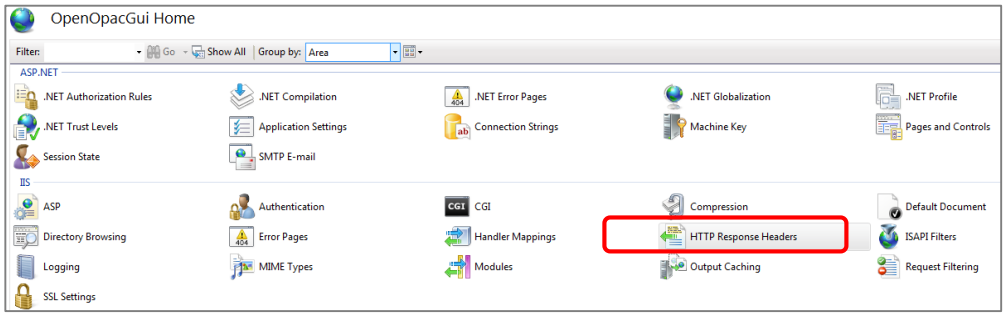


APPENDIX B: FORCING COMPATIBILITY MODE IN IIS7

If OpenOPAC is opening in Compatibility Mode when using Internet Explorer it can be **turned off** via IIS. This is recommended if external users are accessing the website and having Compatibility Mode issues.

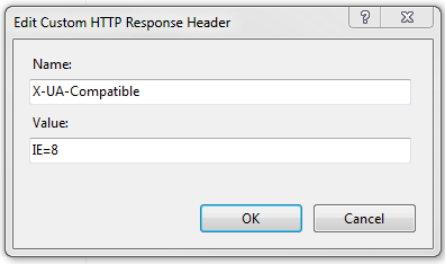
IIS 7 and IE 7 -9

1. Open IIS [Internet information Service Manager]
2. Highlight OpenOPACGui
3. Select HTTP Response Headers from under OpenOPACGui home page



4. Select **Add** on right –top hand side

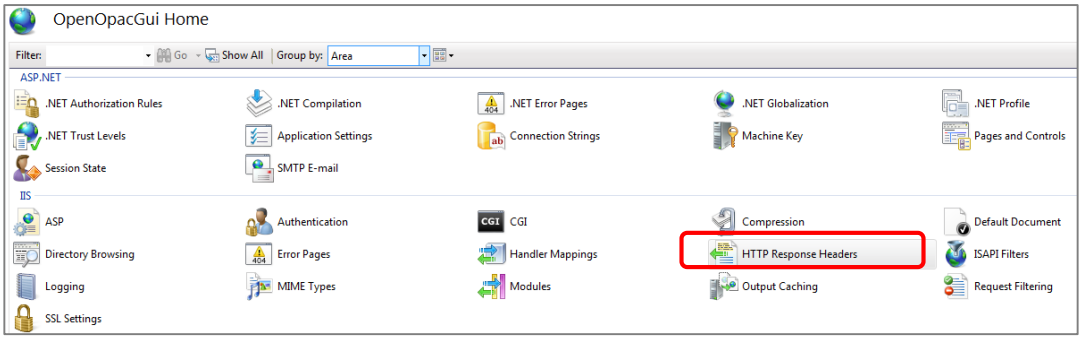
5. A pop-up box labelled **Add Customer HTTP Response Header** will appear



6. Type in **X-UA-Compatible** In the Name field
7. Type in **IE=8** Value field
8. Then select **OK**
9. This will cause **IIS** to open in Internet Explorer to display OpenOPAC as if it was Internet on Explorer 8.

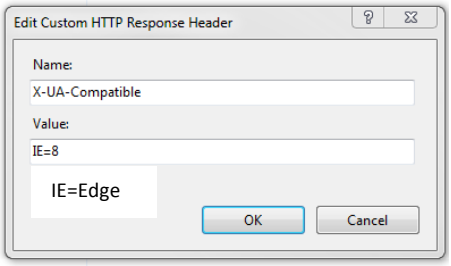
IIS 7 and IE 10 -11

1. Open IIS [Internet information Service Manager]
2. Highlight OpenOPACGui
3. Select HTTP Response Headers from under OpenOPACGui home page



4. Select **Add** on right –top hand side

5. A pop-up box labelled **Add Customer HTTP Response Header** will appear



6. Type in **X-UA-Compatible** In the Name field
7. Type in **IE=EDGE** Value field
8. Then select **OK**
9. This will cause **IIS** to open in Internet Explorer to display OpenOPAC with compatibility mode turned off [Warning **Edge** is sometimes unstable and is considered the setting for non-production sites, if you have any issues using this setting, then try IE=8 as the value instead]