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Welcome to the Amlib SIP2 Manager 5.4 Installation Guide. You need to be on Amlib Client 5.4 before installing this.

This guide contains information on how to install the Amlib SIP2 Manager and its associated Amlib Configuration Manager. It also contains instructions on how to setup the SIP2 Server to run as a Service.

Overview

The Amlib SIP2 Manager module is a new module, is an enhancement to the current DIY/SIP2 Amlib Interface. It provides a process to convert current DIY parameters over to the new application. This will take place during the Version 5.4 upgrade or can be done later through the program if preferred.

Applications

In addition to the Amlib client, there are two applications provided by OCLC (UK) Limited that users need to install to implement the interface:

1. Amlib SIP2 Manager

   This application is used to configure parameters, messages, message values and fields

2. Amlib SIP2 Server (run as a Service)

   - This application runs the Amlib SIP2 Manager as a Windows Service (the Service is responsible for automatically executing the processes according to the defined schedules)

In addition to the above applications, there is a separate Amlib Configuration Manager application (installed at the same time) which is used to configure the connection between the selected Amlib SIP2 Manager application(s) and the Amlib SQL databases.

This guide shows you how to install the Amlib SIP2 Manager (and how to set it up as a Service if desired), in addition to the installation (and configuration) of the Amlib Configuration Manager. There is a separate manual covering the operation of the Amlib SIP2 Manager module itself.
BEFORE YOU BEGIN THE INSTALLATION...

Read the Installation Notes First

Please carefully read the entire installation guide prior to commencing the actual Amlib SIP2 Manager Client release installation.

If you have any questions please contact:

**Online Help Desk and Access:**

https://servicedesk.oclc.org/tas/public/index.jsp

**For Log in and password details contact Support:**

**Amlib Support:**

Email:

support-anz@oclc.org

Telephone:

1300 260 795
Frequently Asked Questions

Question: Do I need a serial key to install the Amlib SIP2 Manager module?

No. A serial key is not required to install the Amlib SIP2 Manager module, however a serial key IS required to configure your SIP2 devices. Please contact Amlib support for this using the details above. A serial key will be issued for the number of device licenses your site has purchased.

Question: Do I need to upgrade my Amlib client?

Yes. The primary Amlib client must first be updated to Amlib 5.4 – the new Amlib SIP2 Manager client cannot be run on previous versions of the Amlib client.
The **Amlib SIP2 Manager** can be installed on either the **Amlib server** and/or a local PC.

**Step 1: Install Amlib SIP2 Manager Application**

1. The **Amlib SIP2 Manager** installer is available on the OCLC Website, under **Downloads and Software Updates>Version 5.4> Setup Program> SIP2 Service**:  

   (Please contact Amlib Support if you do not have a login to this website)

2. Save the **AmlibSIP2Manager.msi** on your **Amlib server**

3. Double-click the **AmlibSIP2Manager.msi** to launch the Setup Wizard – the **Amlib SIP2 Manager** screen will open displaying the **Welcome** message:
4. Click the **Next** button – the **Destination Folder** screen will be displayed:

![Destination Folder Screen]

The Setup Wizard will search for the existing drive where the *Amlib* client is currently installed.

If the folder displayed **IS NOT** correct then click the **Change...** button to manually setup the location of the *Amlib SIP2 Manager* folder.

5. Click the **Next** button – the installation wizard is now ready to install the *SIP2 Manager*.

![Ready to Install Screen]

6. Click the **Install** button to begin the installation – the Setup Wizard will now begin installing the *SIP2 Manager* (and the *Amlib Configuration Manager*).
7. When the installation has been completed, the following message will be displayed: 
Completed the Amlib SIP2 Manager Setup Wizard
8. Ensure the Launch Configuration Manager box is **ticked**

9. Click the **Finish** button

The Setup Wizard will close (and the *Amlib Configuration Manager* will be automatically launched).

### Step 2: Configure the Amlib Configuration Manager

The *Amlib Configuration Manager* eliminates the need for separate *Amlib.ini* and *SQL.ini* files to connect the *SIP2 Manager* to the *Amlib* SQL databases.

**Please Note:** Due to the additional extra security measures on *Windows Server 2008*, *Windows 7* and *Vista*, you may need to edit the installation’s access control list settings before being able to edit the *AmlibConfig.xml* file.

### Set Up Database Configuration

1. **Launch** the *Amlib Configuration Manager*
2. If there is no Configuration File open, click on the Open button and locate the SIP2 Manager AmlibConfig.xml file – it should be located in the same folder as your Amlib SIP2 Manager logging files (for example: C:\ProgramData\OCLC\Amlib SIP2 Manager)

   - Amlib SIP2 Manager users should access the AmlibConfig.xml in the Amlib SIP2 Manager folder

3. Once opened, the AM and TE databases will display as default

   - Please Note: This configuration automatically has the AM (Live) and TE (Test) databases defined (but not set)

4. In the Amlib Systems tab, highlight the Live or Test database connector and click the Edit button – the System Editor will open
5. If your database prefix is not ‘AM’ add a new connector by selecting the New button. On the General tab, enter the Prefix and a Description, otherwise continue with step 6.

6. On the Databases tab, enter the following details:
   - Choose the details for the RDBMS and OleDbProvider from the drop-down boxes.
- Enter the details for the Lib database

- **Server** – enter the name of the **Server** running your **Amlib** databases
- **Instance** – enter an **Instance** (only if required – otherwise leave as **Default**)
- **Port** – enter a **Port number** (if required – otherwise leave as **0** [for unused])
- **User** – enter the **Username** for the database connection
- **Password** – enter the **Password** for the database connection – the username and password should be the same as that the login for your other **Amlib** databases. **SYSADM/SYSADM** is the default login for most **Amlib** database setups.

- Click the **Copy to all** button to copy the details to the other database fields

7. Click the **OK** button once complete – the **System Editor** window will close
Testing

Once complete, the connection can be tested:

1. Highlight the relevant database – for example: AM – and click the Test button

![Configuration Manager](image)

2. The Test Connections window will display with the result – if errors occur, the reason will display in the Error Details column:
   a. Test successful – all Results = OK:

![Test Connections](image)

- Test unsuccessful – all Results = Fail with Error Details shown:
3. Click the **Close** button to close the **Test Connections** screen

4. Click the **Exit** button when complete

The **Amlib SIP2 Manager** has now been installed and its connection to the **Amlib SQL databases** configured.
INSTALL THE SIP2 SERVER SERVICE

The *Amlib SIP2 Server* can be set up to run as a service. The service should be installed on a *Windows* Server operating system that has access to the server containing your *Amlib* databases.

**Step 1: Install Amlib SIP2 Service**

1. The *Amlib SIP2 Service* installer is available for use after the installation of Version 5.4 on the OCLC Website, under Downloads and Software Updates>Version 5.4> Setup Program> SIP2 Service: [https://www.oclc.org/support/services/amlib/downloads-software-updates/version5-4/setup-programs.en.html](https://www.oclc.org/support/services/amlib/downloads-software-updates/version5-4/setup-programs.en.html)  
   (Please contact Amlib Support if you do not have a login to this website).

2. Download the *AmlibSIP2Service.msi* and save it on your *Amlib* server

3. Double-click the *AmlibSIP2Service.msi* to launch the Setup Wizard – the *Amlib SIP2 Manager* screen will open displaying the **Welcome** message:

4. Click the **Next** button – the **Destination Folder** screen will be displayed
The Setup Wizard will search for the existing drive where the Amlib client is currently installed.

If the folder displayed IS NOT correct then click the **Change**... button to manually setup the location of the **Amlib SIP2 Manager Server** folder

5. Click the **Next** button – the installation wizard is now ready to install the **SIP2 Server**

6. Click the **Install** button to begin the installation – the Setup Wizard will now begin installing the **SIP2 Server** (and the **Amlib Configuration Manager**)

7. When the installation has been completed, the following message will be displayed: **Completed the Amlib SIP2 Manager Service Setup Wizard**

8. Ensure the **Launch Configuration Manager** box is **ticked**

9. Click the **Finish** button

The Setup Wizard will close (and the *Amlib Configuration Manager* will be automatically launched).
Step 2: Configure the Amlib Configuration Manager

The Amlib Configuration Manager eliminates the need for separate Amlib.ini and SQL.ini files to connect the SIP2 Service to the Amlib SQL databases.

Set Up Database Configuration

1. **Launch** the Amlib Configuration Manager

   The Manager should already be connected to the AmlibConfig.exe Configuration File being used by the SIP2 Manager or Service, SRU Pusher, VDX ILL Email application.

2. If there is no Configuration File open, click on the Open button and locate the SIP2 Manager AmlibConfig.xml file – it should be located in the same folder as your Amlib SIP2 Manager files (for example: C:\Program Files\OCLC\Amlib SIP2 Server)

   - Amlib SIP2 Server users should access the AmlibConfig.xml in the Amlib SIP2 Server folder:

3. Once opened, the AM and TE databases will display as default

   - **Please Note:** This configuration automatically has the AM (Live) and TE (Test) databases defined (but not set)

4. In the Amlib Systems tab, highlight the Live or Test database connector and click the Edit button – the System Editor will open

   - To add a new connector, select the New button

5. On the General tab, enter the Prefix and a Description (new connectors only)

6. On the Databases tab, enter the following details:

   - Choose the details for the RDBMS and OleDbProvider from the drop-down boxes
- Enter the details for the **Lib** database

<table>
<thead>
<tr>
<th>Lib</th>
<th>Database</th>
<th>Server</th>
<th>Instance</th>
<th>Port</th>
<th>Copy to all</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>MYSERVERNAME</td>
<td>SQLSERVER</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>User</td>
<td></td>
<td>SYSADM</td>
<td>Password</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Server** – enter the name of the **Server** running your **Amlib** databases
- **Instance** – enter an **Instance** (only if required – otherwise leave as **Default**)
- **Port** – enter a **Port number** (if required – otherwise leave as 0 [for unused])
- **User** – enter the **Username** for the database connection
- **Password** – enter the **Password** for the database connection – the username and password should be the same as that the login for your other **Amlib** databases. **SYSADM/SYSADM** is the default login for most **Amlib** database setups.

- Click the **Copy to all** button to copy the details to the other database fields

6. Click the **OK** button once complete – the **System Editor** window will close
Testing

Once complete, the connection can be tested:

1. Highlight the relevant database – for example: AM – and click the Test button

2. The Test Connections window will display with the result – if errors occur, the reason will display in the Error Details column:
   a. Test successful – all Results = OK:

   ![Test Connections Window](image)

   • Test unsuccessful – all Results = Fail with Error Details shown:

   ![Test Connections Window](image)

3. Click the Close button to close the Test Connections screen

The Amlib SIP2 Server has now been installed and its connection to the Amlib SQL databases configured.
Step 3: Configure the SIP2 Server Tab

Please Note: This tab should only be configured by users running the Amlib SIP2 Server. It allows the user to set the Amlib SQL database to be used by the Amlib SIP2 Manager Service.

Users who have installed the Amlib SIP2 Manager ONLY do not have to change any settings on this tab.

1. Select the SIP2 Server tab

![Amlib Configuration Manager](image)

2. Select the Database Prefix: Live or Test (select Live when the service is ready for full implementation) - if you have set up additional database connectors, they too can be selected

3. Enter the Port Number that the service is going to listen to. Generally low number ports are used as they are out of the range of defined ports, so 6000-6009 for example

4. Set the Maximum Number of Concurrent connections. A guide for setting this would be the number of SIP2 devices you have, plus a few extra if you have eBooks or systems that are accessed concurrently by several connections

5. Click the Save button to save the settings

6. Click the Exit button when complete

7. The Amlib SIP2 Server settings are now complete
Step 4: Start the SIP2 Service

1. Go to Start > Administrative Tools > Services

2. Right click on the Amlib SIP2 Service and select Start

3. The service should now be running and ready for configuration with the Amlib SIP2 Manager

4. Please see the Amlib SIP 2 Manager Getting Stated Guide after installing both the SIP2 Manager and SIP2 service on the OCLC Website, under Amlib Documentation>How To Guides Documentation> SIP2Manager and Services
https://www.oclc.org/support/services/amlib/documentation/how-to-guides-documentation/sip2.en.html