OCLC Amlib
Library Management System

Amlib SIP2 Manager and Service Installation Guide

Version 5.4

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Support:

Australia: 1300 260 795 (Local call cost in Australia)
Email:
support-amlib@oclc.org
Amlib Help Desk (TOPDesk):
https://servicedesk.oclc.org/tas/public/
OCLC Amlib Support Documentation:
https://www.oclc.org/support/services/amlib.en.html

Sales:

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Fax: +61 (0) 3 9929 0801
Email: sales-amlib@oclc.org

www.oclc.org/en-AU/

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WELCOME

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 if 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.

INSTALL THE AMLIB SIP2 MANAGER

The *Amlib SIP2 Manager* can be installed on either the *Amlib* server and/or a local PC.

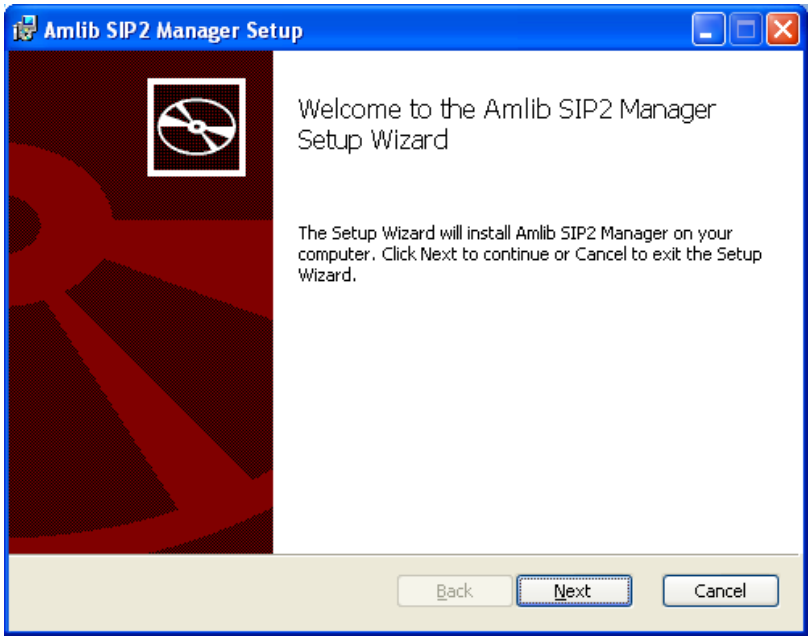
Step 1: Install Amlib SIP2 Manager Application

1. The *Amlib SIP2 Manager* installer is available on the OCLC Website, under Downloads and Software Updates>Version 5.4> Setup Program> SIP2 Service: https://www.oclc.org/support/services/amlib/downloads-software-updates/version5-4/setup-programs.en.html

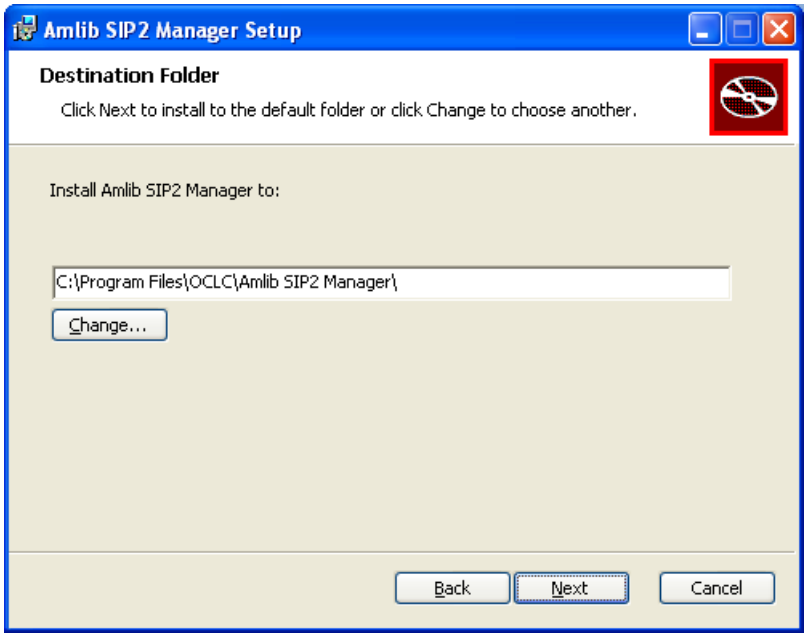
   (Please contact Amlib Support if you do not have a login to this website)

2. 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:



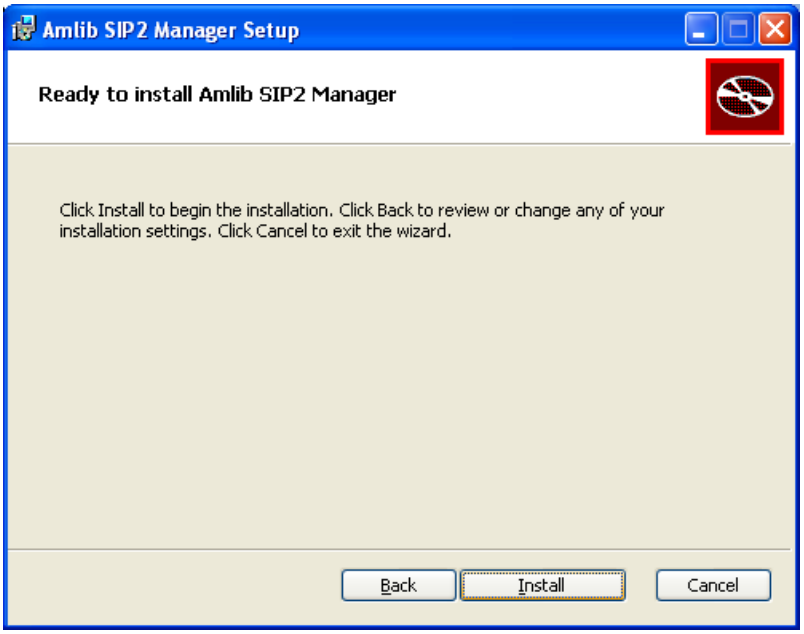
4. Click the **Next** button – the Destination Folder screen will be displayed:



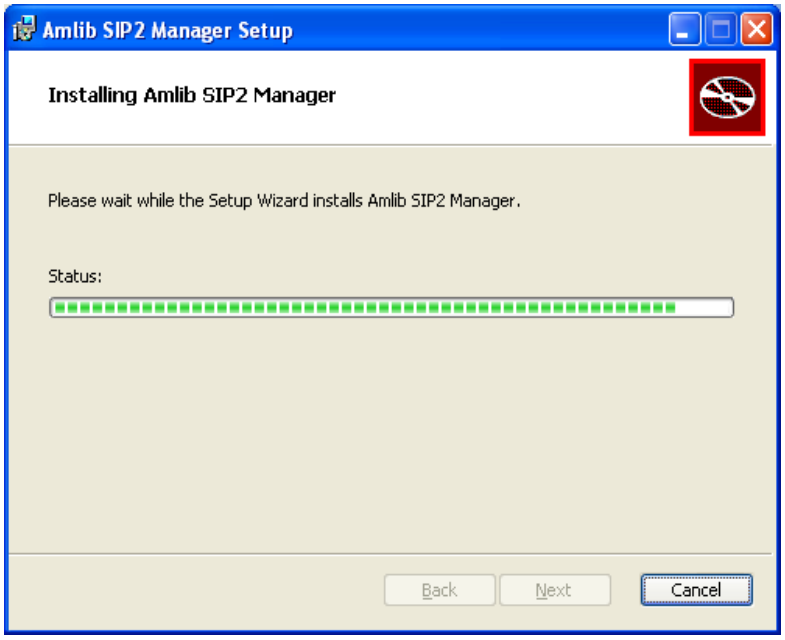
The Setup Wizard will search for the existing drive where the *Amlib* client is currently installed.

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

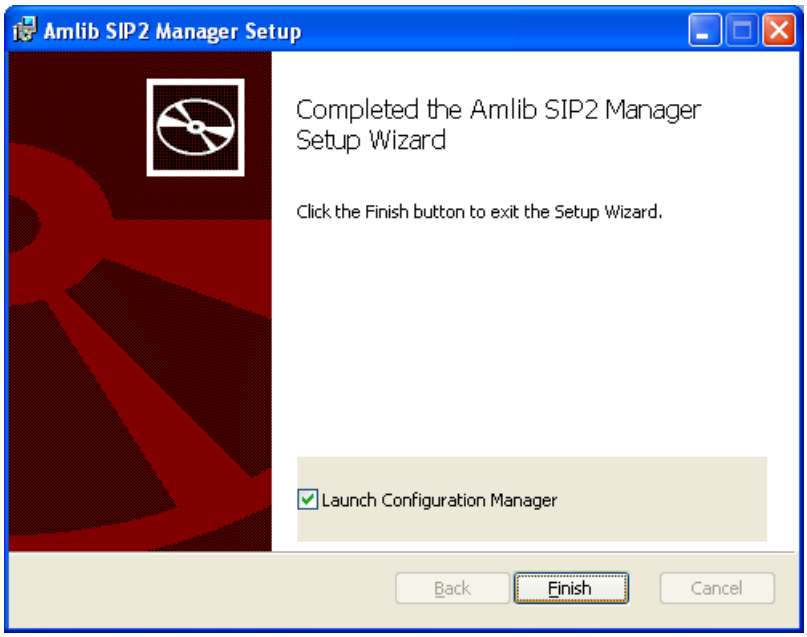
5. Click the **Next** button – the installation wizard is now ready to install the *SIP2 Manager*



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).

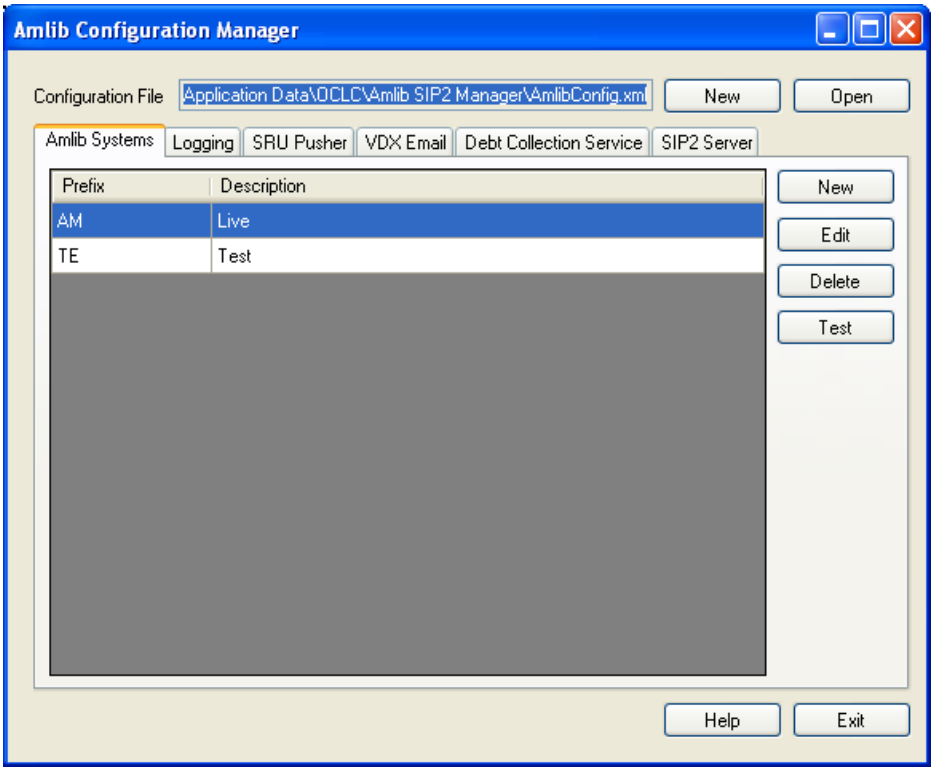
Step 2: Configure the Amlib Configuration Manager

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*



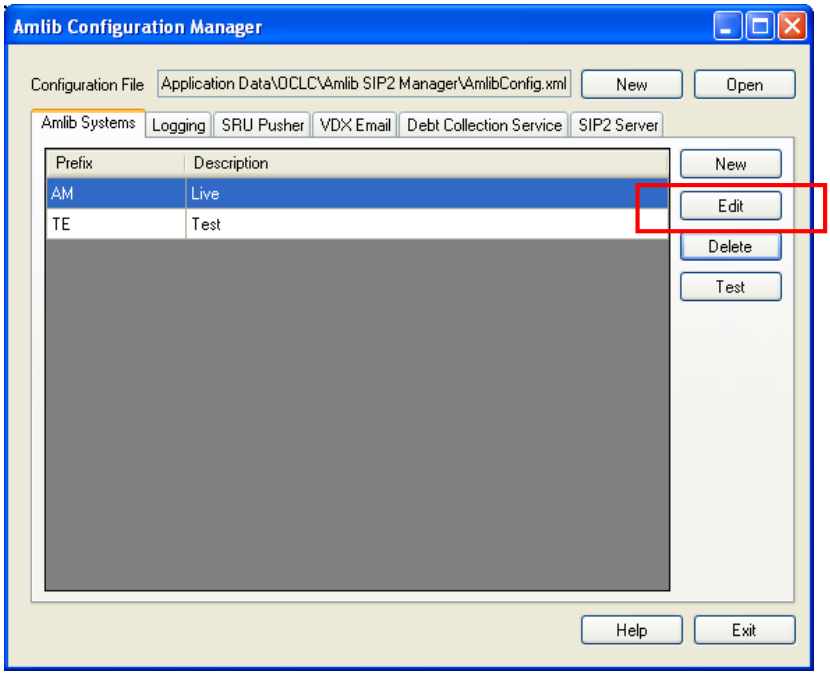
2. If there is no Configuration File open, click on the **Open** button and locate the *SIP2 Manager* **AmlibConfig.xml** file – it should be located in the same folder as your *Amlib SIP2 Manager* logging files (for example: **C:\ProgramData\OCLC\Amlib SIP2 Manager**)

    - *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



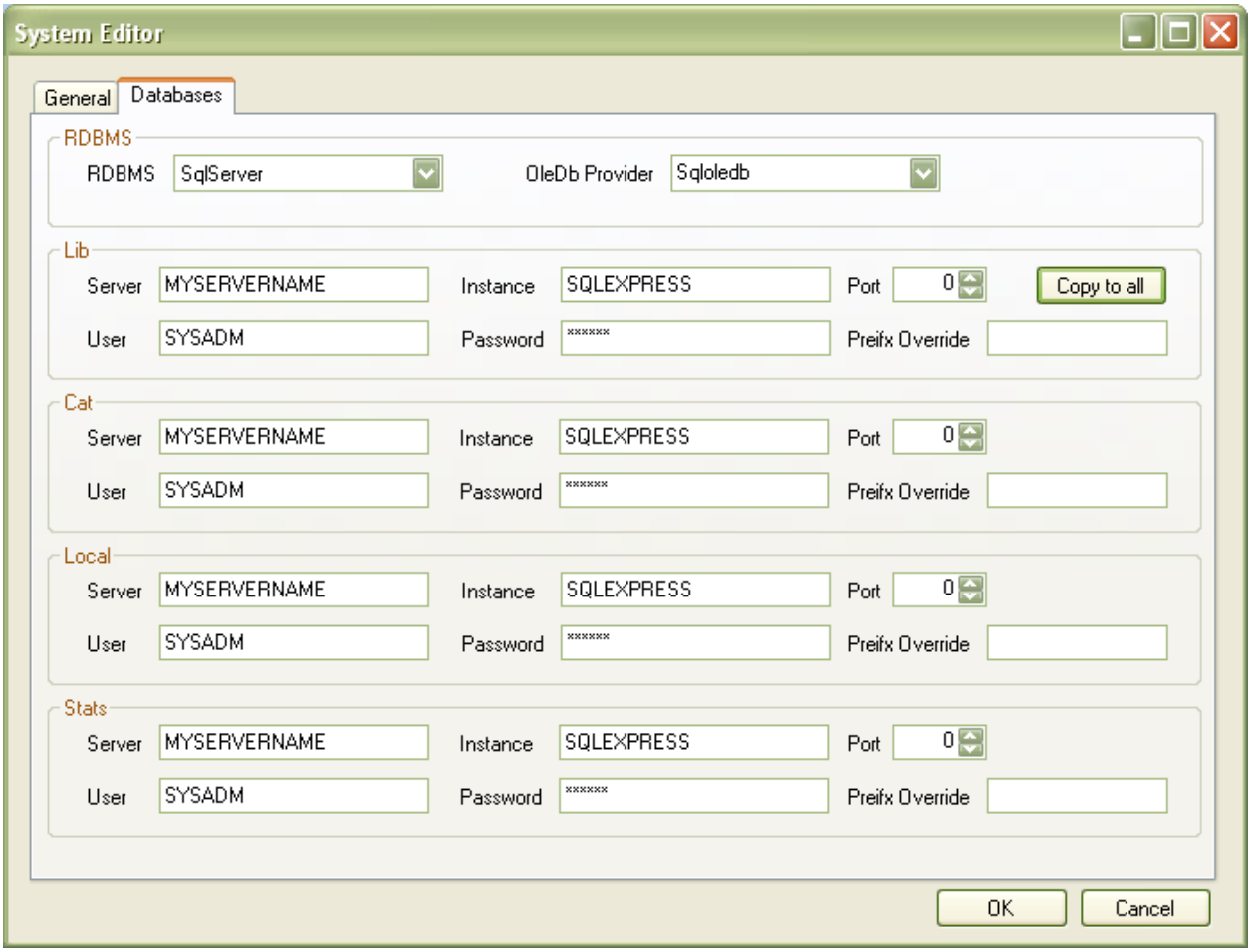
5. If your database prefix is not '**AM**' add a new connector by selecting the **New** button. On the General tab, enter the **Prefix** and a **Description** , otherwise continue with **step 6**

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

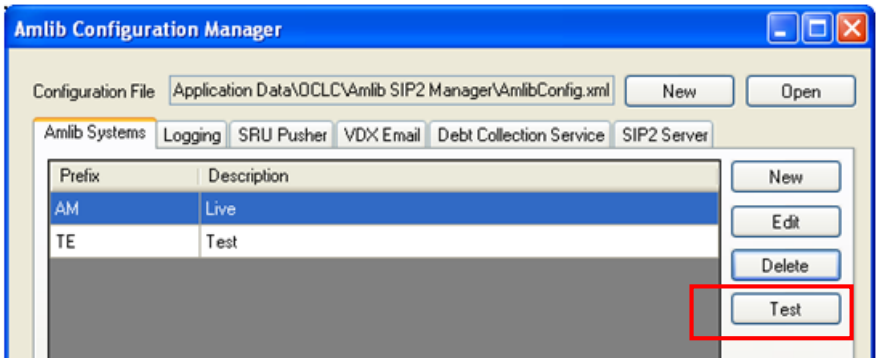


7. Click the **OK** button once complete – the System Editor window will close

Testing

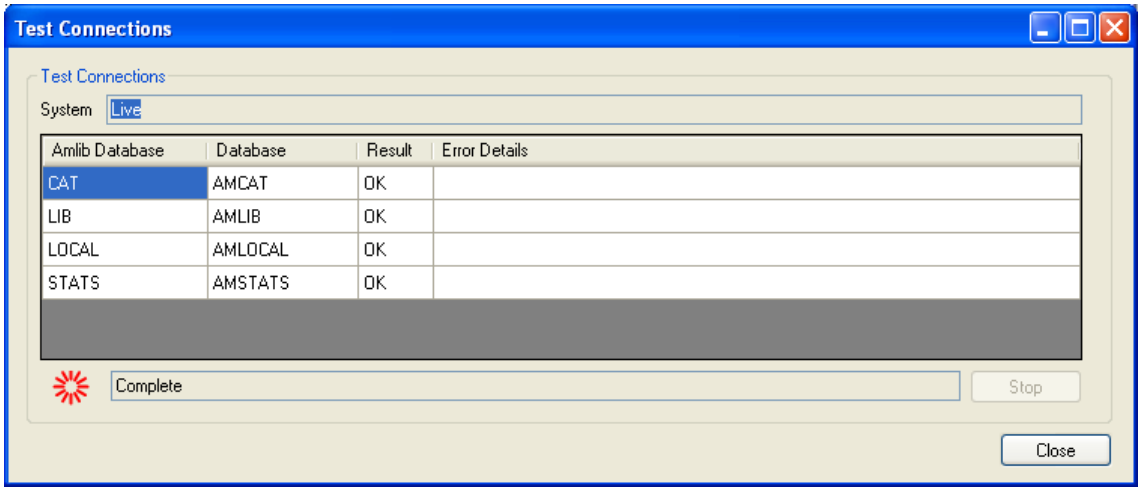
Once complete, the connection can be tested:

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

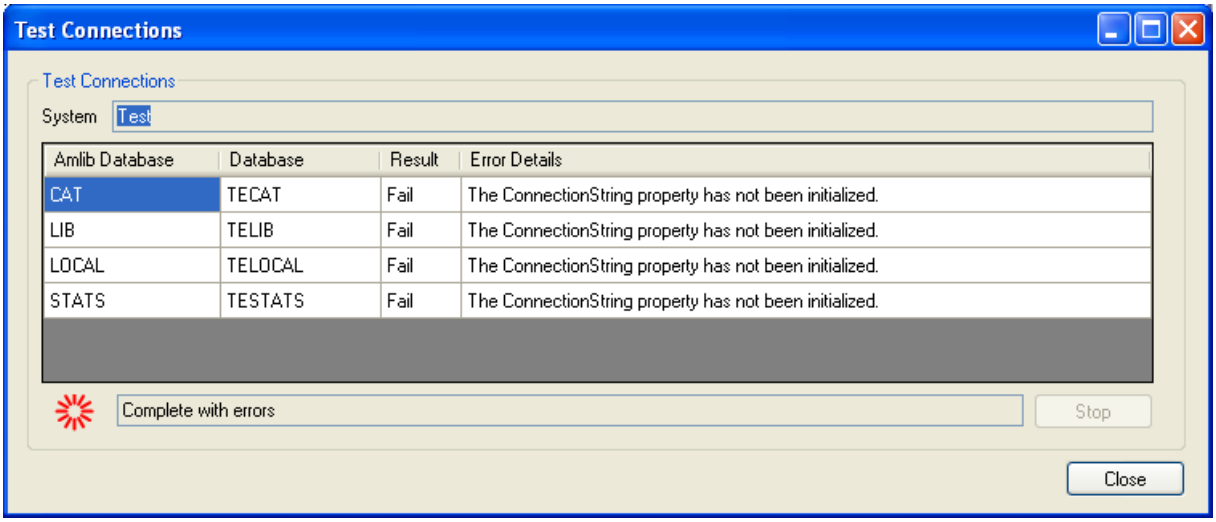


2. The Test Connections window will display with the result – if errors occur, the reason will display in the Error Details column:

    a. Test **successful** – all Results = **OK**:



- Test **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.

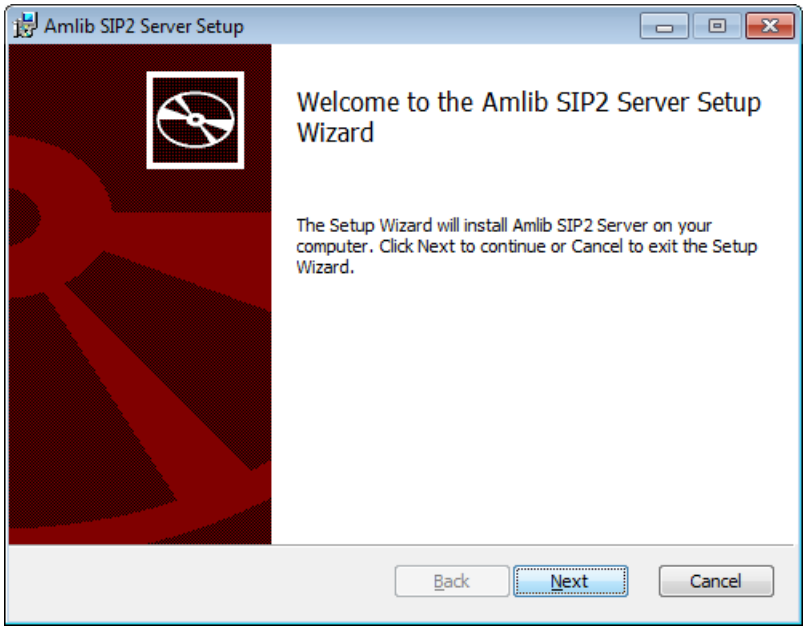
Step 1: Install Amlib SIP2 Service

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

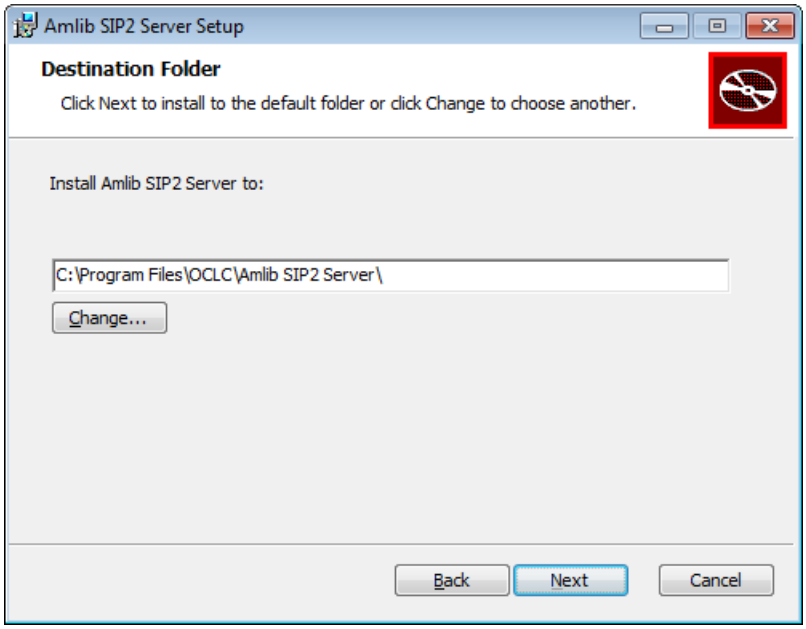
   (Please contact Amlib Support if you do not have a login to this website).

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

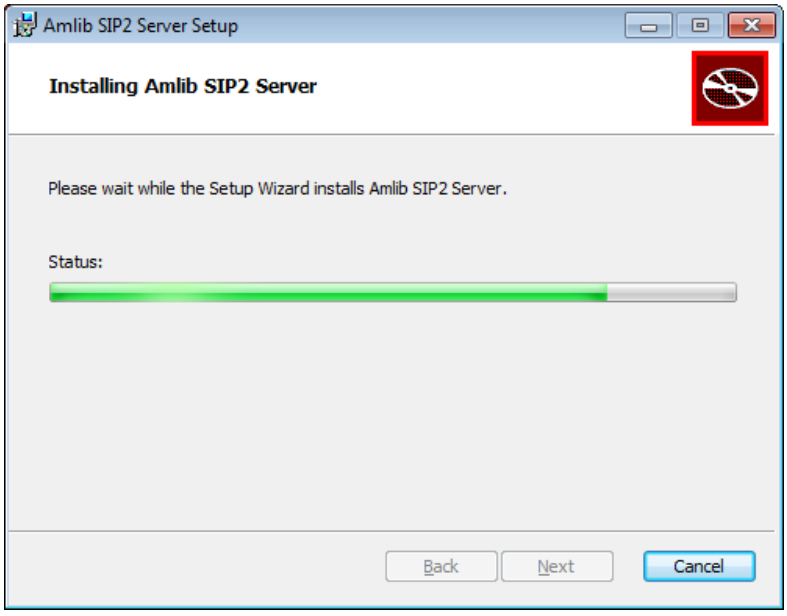


The Setup Wizard will search for the existing drive where the *Amlib* client is currently installed.

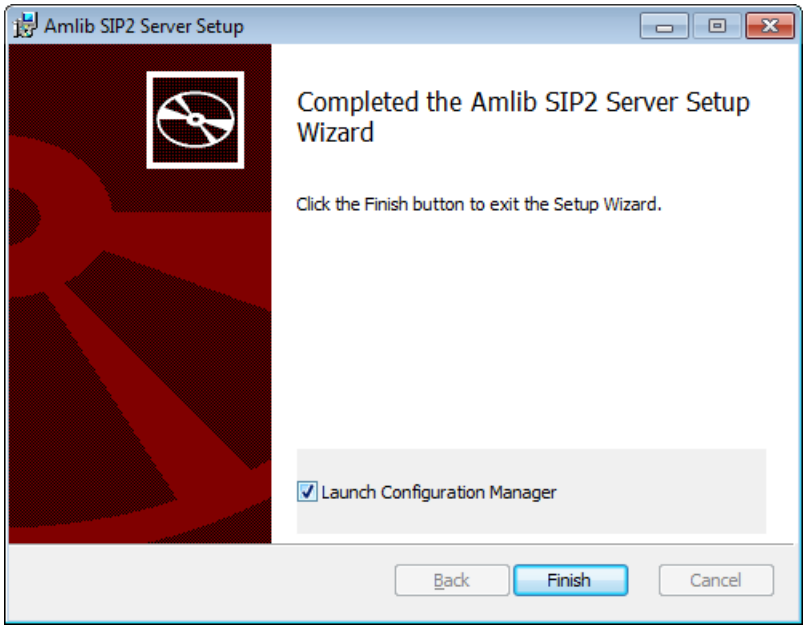
If the folder displayed IS NOT correct then click the **Change…** button to manually setup the location of the *Amlib SIP2 Manager Server* folder

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*

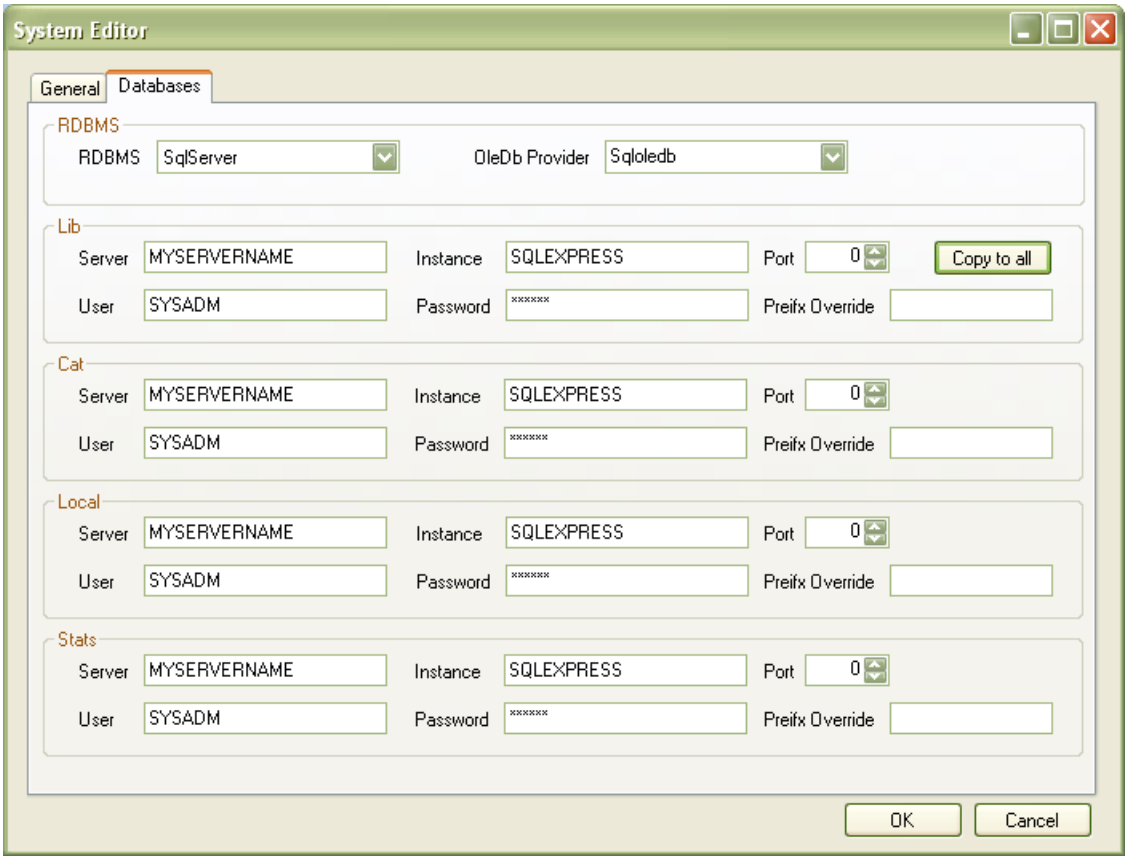
The *Manager* should already be connected to the **AmlibConfig.exe** Configuration File being used by the *SIP2 Manager* or *Service, SRU Pusher*, *VDX ILL Email* application.

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



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

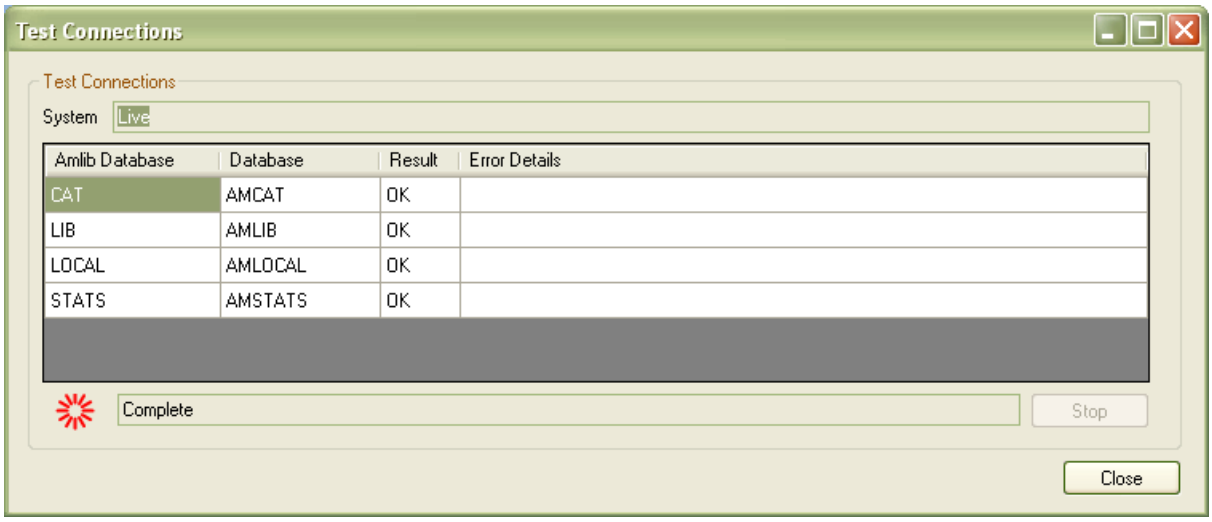
Testing

Once complete, the connection can be tested:

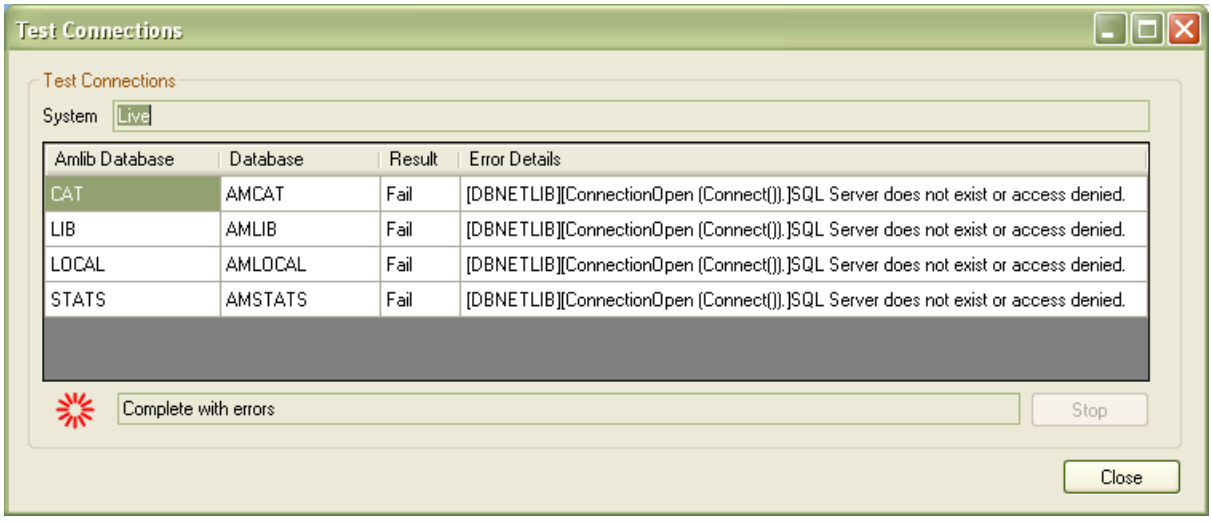
1. Highlight the relevant database – for example: **AM** – and click the **Test** button

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 **unsuccessful** – all Results = **Fail** with Error Details shown:



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

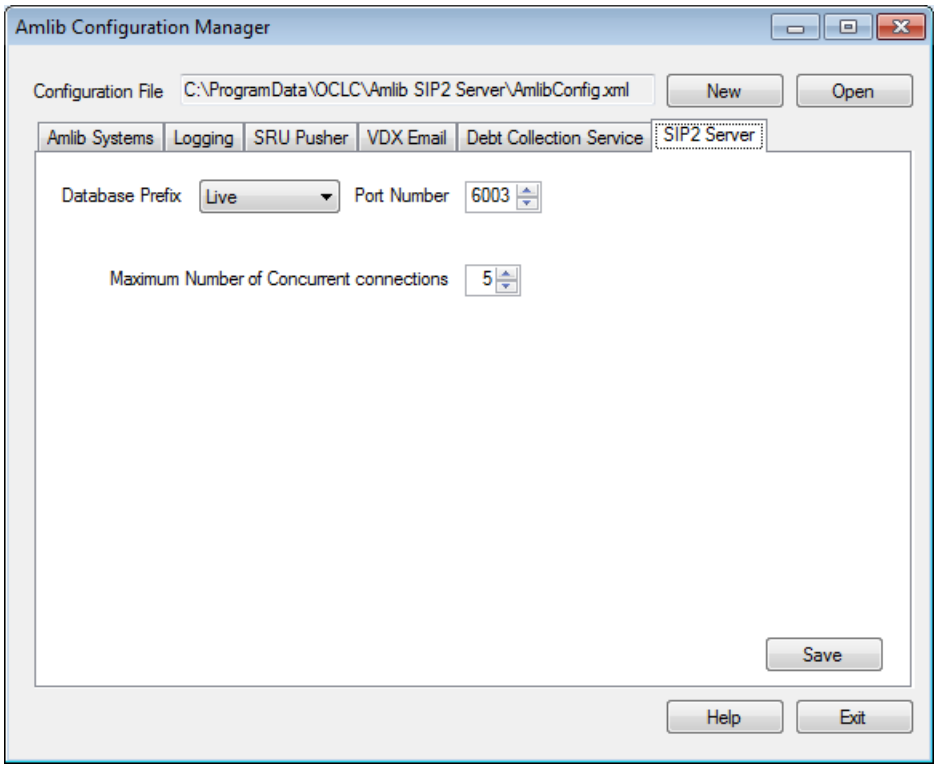
The *Amlib SIP2 Server* has now been installed and its connection to the *Amlib* SQL databases configured.

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



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

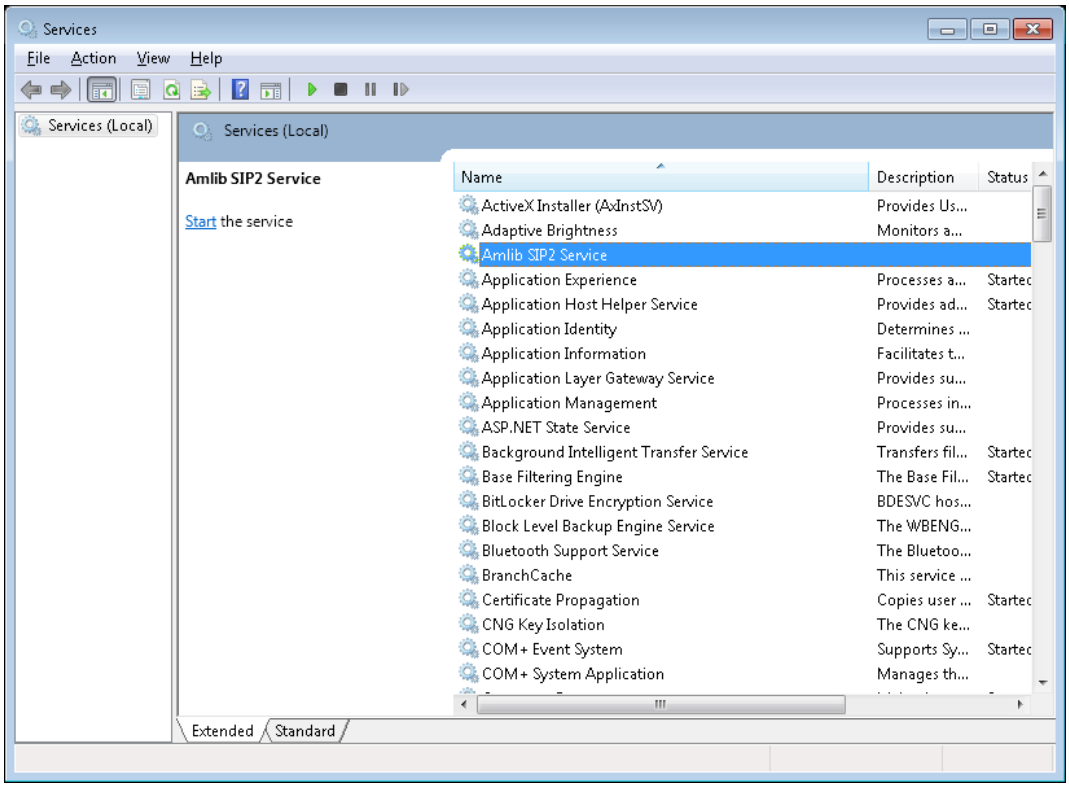
5. Click the **Save** button to save the settings

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

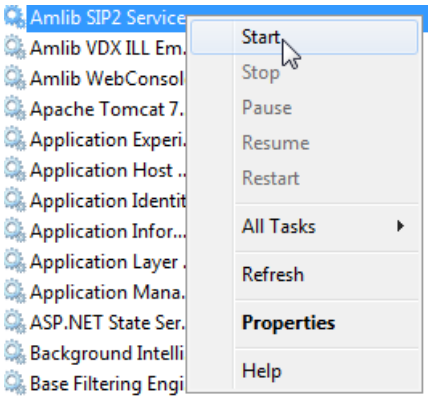
7. The *Amlib SIP2 Server* settings are now complete

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