streamline Xchange

Installation Guide

VERSION 10.3.0

ROSS

THANK YOU FOR CHOOSING ROSS VIDEO

You've made a great choice. We expect you will be very happy with your purchase of Ross Technology.

Our mission is to:

1. Provide a Superior Customer Experience
   - offer the best product quality and support
2. Make Cool Practical Technology
   - develop great products that customers love

Ross has become well known for the Ross Video Code of Ethics. It guides our interactions and empowers our employees. I hope you enjoy reading it below.

If anything at all with your Ross experience does not live up to your expectations be sure to reach out to us at *solutions@rossvideo.com*.

David Ross
CEO, Ross Video
david.ross@rossvideo.com

Ross Video Code of Ethics

Any company is the sum total of the people that make things happen. At Ross, our employees are a special group. Our employees truly care about doing a great job and delivering a high quality customer experience every day. This code of ethics hangs on the wall of all Ross Video locations to guide our behavior:

1. We will always act in our customers' best interest.
2. We will do our best to understand our customers' requirements.
3. We will not ship crap.
4. We will be great to work with.
5. We will do something extra for our customers, as an apology, when something big goes wrong and it's our fault.
6. We will keep our promises.
7. We will treat the competition with respect.
8. We will cooperate with and help other friendly companies.
9. We will go above and beyond in times of crisis. *If there's no one to authorize the required action in times of company or customer crisis - do what you know in your heart is right. (You may rent helicopters if necessary.)*

About this Guide

- Ross Part Number: **7800DR-016-03**
- Release Date: June 27, 2025. Printed in Canada.
- Software Issue: **10.3.0**

The information contained in this Guide is subject to change without notice or obligation.

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Patents

Patent numbers 4,205,346; 5,115,314; 5,280,346; 5,561,404; 7,034,886; 7,508,455; 7,602,446; 7,834,886; 7,914,332; 8307284, 2039277; 1237518; 1127289 and other patents pending.

Warranty and Repair Policy

Ross Video Limited (Ross) warrants its Streamline Xchange Server systems to be free from defects under normal use and service a time period of 15 months from the date of shipment:

If an item becomes defective within the warranty period Ross will repair or replace the defective item, as determined solely by Ross.

Warranty repairs will be conducted at Ross, with all shipping FOB Ross dock. If repairs are conducted at the customer site, reasonable out-of-pocket charges will apply. At the discretion of Ross, and on a temporary loan basis, plug in circuit boards or other replacement parts may be supplied free of charge while defective items undergo repair. Return packing, shipping, and special handling costs are the responsibility of the customer.

This warranty is void if products are subjected to misuse, neglect, accident, improper installation or application, or unauthorized modification.

In no event shall Ross Video Limited be liable for direct, indirect, special, incidental, or consequential damages (including loss of profit). Implied warranties, including that of merchantability and fitness for a particular purpose, are expressly limited to the duration of this warranty.

This warranty is TRANSFERABLE to subsequent owners, subject to Ross' notification of change of ownership.

Extended Warranty

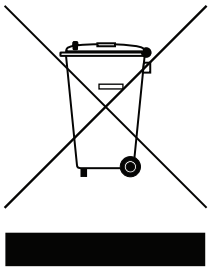
For customers that require a longer warranty period, Ross offers an extended warranty plan to extend the standard warranty period by one year increments. For more information about an extended warranty for your Streamline Xchange Server system, contact your regional sales manager.

Environmental Information

The equipment that you purchased required the extraction and use of natural resources for its production. It may contain hazardous substances that could impact health and the environment.

To avoid the potential release of those substances into the environment and to diminish the need for the extraction of natural resources, Ross Video encourages you to use the appropriate take-back systems. These systems will reuse or recycle most of the materials from your end-of-life equipment in an environmentally friendly and health conscious manner.

The crossed-out wheeled bin symbol invites you to use these systems.



If you need more information on the collection, reuse, and recycling systems, please contact your local or regional waste administration. You can also contact Ross Video for more information on the environmental performances of our products.

Use of Hazardous Substances in Electrical and Electronic Products (China RoHS)

Ross Video Limited has reviewed all components and processes for compliance to:

“Management Methods for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products” also known as China RoHS.

The “Environmentally Friendly Use Period” (EFUP) and Hazardous Substance Tables have been established for all products. We are currently updating all of our Product Manuals.

The Hazardous substances tables are available on our website at:

http://www.rossvideo.com/about-ross/company-profile/green-practices/china-rohs.html

电器电子产品中有害物质的使用

Ross Video Limited 按照以下的标准对所有组件和流程进行了审查：

“电器电子产品有害物质限制使用管理办法”也被称为中国RoHS。

所有产品都具有“环保使用期限”（EFUP）和有害物质表。目前，我们正在更新我们所有的产品手册。

有害物质表在我们的网站：

http://www.rossvideo.com/about-ross/company-profile/green-practices/china-rohs.html

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Email (Technical Support): techsupport@rossvideo.com

Email (General Information): solutions@rossvideo.com

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Introduction

A Word of Thanks

Thank you for choosing Streamline Xchange as your Ross Video media asset management solution.

We are committed to providing you with the highest level of customer satisfaction possible. If, for any reason, you have questions or comments, please call Ross Video at +1-613-652-4886 or send us an e-mail at techsupport@rossvideo.com.

We hope that you visit our website www.rossvideo.com to stay up to date with ongoing software releases, join our customer forum and learn more about the complete range of Ross Video products.

Note that software maintenance and extended warranties are available for your system to protect and extend the life of your investment. Our sales team is more than happy to provide further information on the plans available. Members of our sales team will promptly response to e-mails sent to: solutions@rossvideo.com.

Again, thank you for your purchase of a Streamline Xchange media asset management solution from Ross Video. We are confident of your future pleasure with your choice.

Yours Sincerely,

Peter Abecassis
Director, Product Management – Media Asset Management (MAM) & Storage
peter.abecassis@rossvideo.com

About This Guide

This guide contains the following chapters that cover the installation and configuration of Streamline Xchange software:

- Chapter 1, "**Introduction**" summarizes the guide and provides important terms, conventions and feature descriptions.
- Chapter 2, "**Installing Streamline Xchange**" describes the process of installing Streamline Xchange for the first time and preparing the software for its initial setup.
- Chapter 3, "**Installing Streamline Xchange with a Render Node**" describes the process of installing Streamline Xchange with a Node, and allowing a Node server access to the Xchange database.
- Chapter 4, "**Attaching Streamline Xchange to Workflow Server**" provides instructions on how to access the Xchange database, set up containers, and register media from Workflow Server to Streamline Xchange through scripting.
- Chapter 5, "**Adding a New Render Profile with the Workflow Server Container**" provides instructions for adding a new Render Profile.
- Chapter 6, "**Setting up Xchange Proxies for Playback in the Workflow Suite**" provides instructions on how to set up Xchange Proxies.
- Chapter 7, "**Configuration of Users**" provides instructions on how to access the Configs module and how to set up, edit, or delete Users.
- Chapter 8, "**Configuration of Groups**" provides information about accessing, setting up, editing, or deleting Groups, as well as the functionalities of Groups.
- Chapter 9, "**Installing the Streamline Xchange Adobe Panel - Windows**" provides instructions on how to install the Streamline Xchange Adobe panel for Windows.
- Chapter 10, "**Installing the Streamline Xchange Adobe Panel - MacOS**" provides instructions on how to install the Streamline Xchange Adobe panel for MacOS.
- Chapter 11, "**Configuring Microsoft AI**" provides instructions on how to configure Microsoft AI to detect languages.

If you have questions pertaining to the operation of any Ross Video product, please contact us at the numbers listed in the section "**Contacting Technical Support**" on page 1–4. Our technical staff is always available for consultation, training, or service.

Documentation Conventions

Special text formats are used in this guide to identify parts of the user interface, text that a user must enter, or a sequence of menus and sub-menus that must be followed to reach a particular command.

Interface Elements

Bold text is used to identify a user interface element such as a dialog box, menu item, or button. For example:

In the **Work Order Manager** panel, click **Create New Work Order**.

User Entered Text

Courier text is used to identify text that a user must enter. For example:

In the **Language** box, enter **`English`**.

Referenced Guides

Italic text is used to identify the titles of referenced guides, manuals, or documents. For example:

For more information, refer to the section "**Creating a Work Order**" in the ***Streamline Xchange User Guide***.

Menu Sequences

Menu arrows are used in procedures to identify a sequence of menu items that you must follow. For example, if a step reads "**File** > **Save As**," you would click the **File** menu and then click **Save As**.

Important Instructions

Star icons are used to identify important instructions or features. For example:

✶ **NOTE:** When the Streamline Xchange Client cannot connect to the network, a **Message** dialog box opens to report the connection problem.

Getting Help

The Ross Video product Online Help system is accessed by selecting **Help Topics** from the **Help** menu in the product.

The Online Help system contains the following navigation tabs to locate information contained in the Online Help topics and ***User Guide***:

- **Contents** — table of contents
- **Index** — keyword reference
- **Search** — full text search
- **Favorites** — preferred information storage and access

Ross Video product guides are also supplied as print-ready PDF files.

Contacting Technical Support

Technical Support is staffed by a team of experienced specialists ready to assist you with any question or technical issue.

Ross Video has technical support specialists strategically located around the globe to ensure a prompt response to technical inquiries. Our primary technical support center is located in Ottawa, Ontario, Canada. In addition, we have offices in The United Kingdom (London), Australia (Sydney), and Singapore with satellite locations in New York City, The Netherlands, and China. As we expand our presence globally, we are constantly evaluating other key locations to have a local technical support specialist in order to better service our customers.

North America

Our North America center located in Ottawa, Ontario, Canada and is open Monday to Friday 8:30 a.m. to 6:00 p.m. EST, with 24/7/365 on-call service after hours.

Our telephone number is: +1-613-686-1557

Toll free within North America: +1 833-859-0499

Direct to tech support: +833-859-0499

EMEA

Our EMEA center is open Monday to Friday 8:30 a.m. to 5:00 p.m. GMT. After hours support is provided by our North America location.

International toll free: +800 3540 3545

If the local support specialist is not available, your call will be transferred automatically to our North America center.

Australia

Our Sydney, Australia office is located in Alexandria, NSW.

Our local support telephone number is: 1300 007 677

If the local support specialist is not available, your call will be transferred automatically to our North America center.

Online

E-mail: techsupport@rossvideo.com

Website: open a support request using the following link: http://www.rossvideo.com/support/tech-support.html

Installing Streamline Xchange

The Streamline Xchange Suite is a Web-based platform to store, share, edit, review, approve, archive, and prepare your footage from anywhere. This metadata-driven application features a comment, rating and media activity tracking system for finding the assets you need, when you need them. Additional functionality includes the ability to create markers and subclips with embedded metadata for use later in the production.

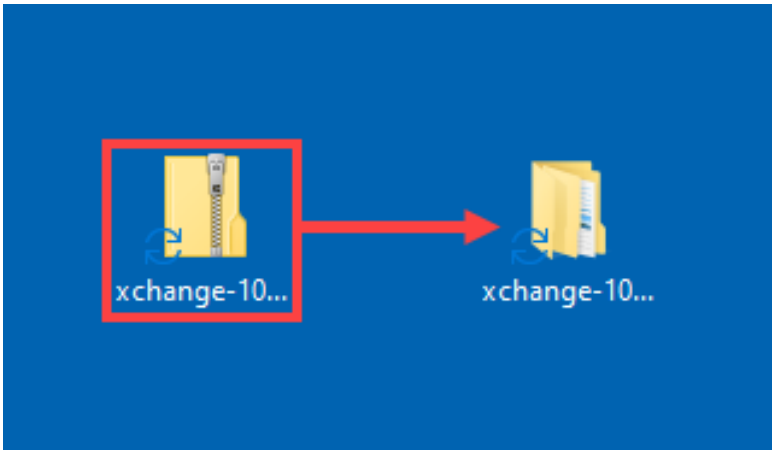
This chapter discusses the following topic:

- Installing Streamline Xchange for the first time

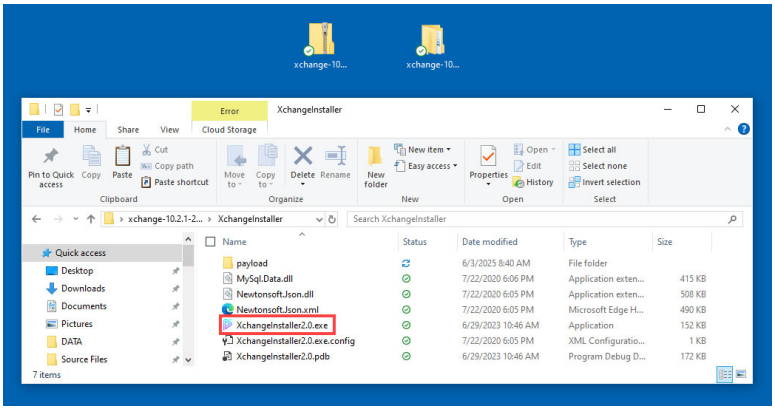
Installing Streamline Xchange for the first time

To install Streamline Xchange

1. To extract the Streamline Xchange installer, right-click the provided **xchange-10.2.1-2025.05.01-09.40-68ec7ebb.zip** file and click **Extract All**. Select a preferred location for the folder and click **Extract**.



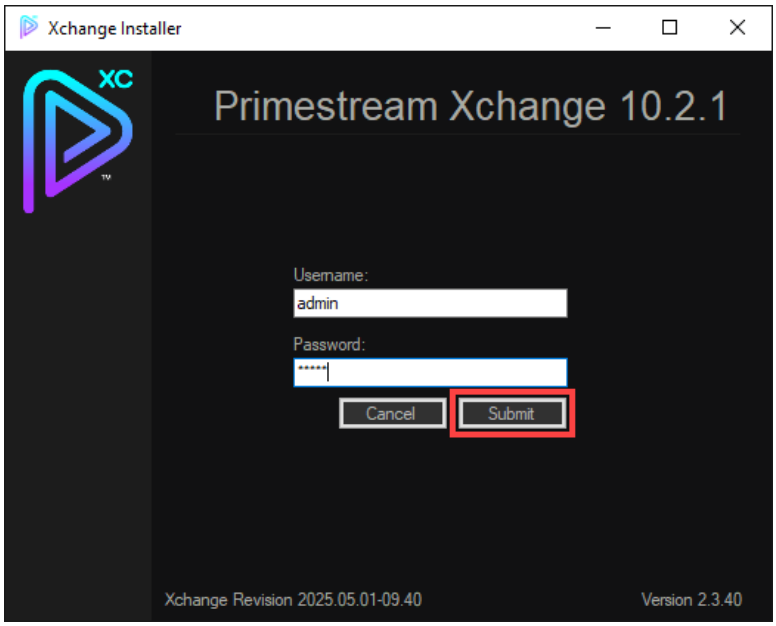
2. Open the **XchangeInstaller** folder, then double-click **XchangeInstaller2.0.exe** to launch the application.



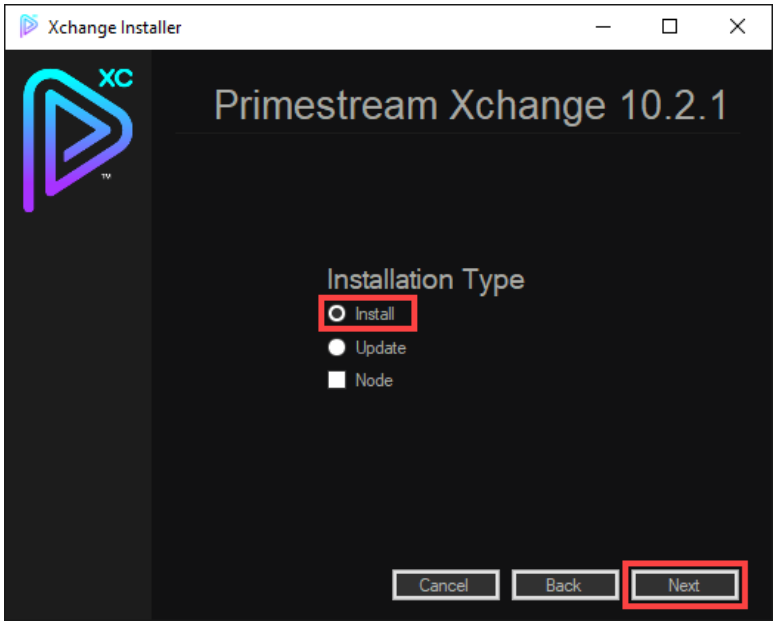
3. When the Streamline Xchange Installer window opens, enter the following login credentials:
   Username: **`admin`**
   Password: **`xxxxx`**

✶ **NOTE:** Please reach out to Ross Video Technical Support for information regarding the password, if it has not already been provided.

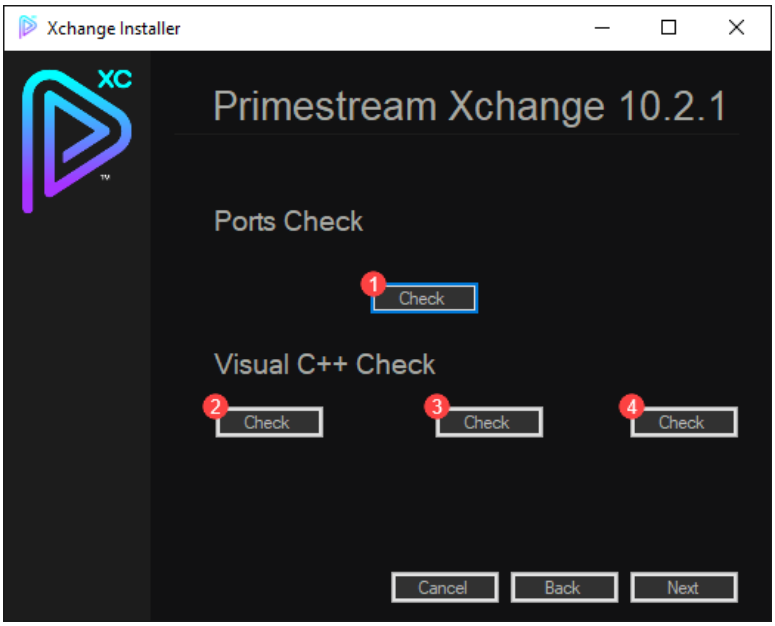
4. Click **Submit**.



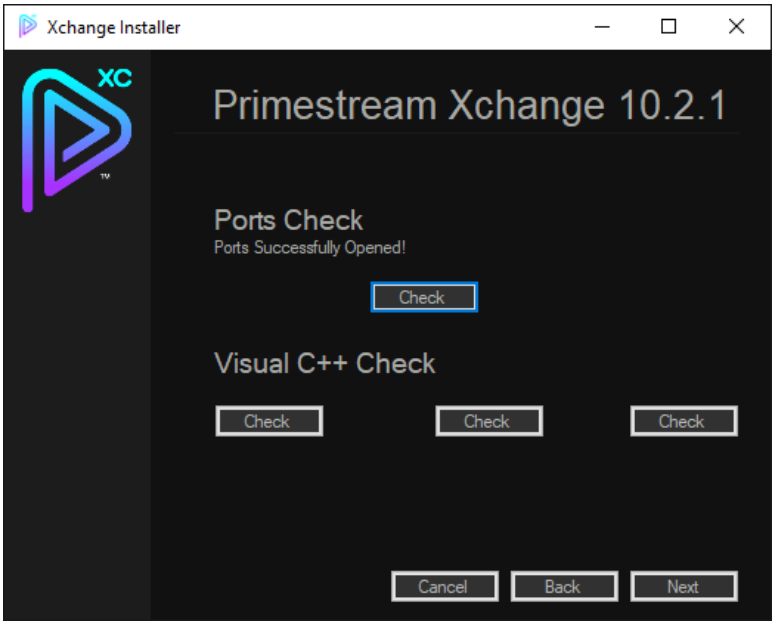
5. Under **Installation Type**, select **Install** and then click **Next**.

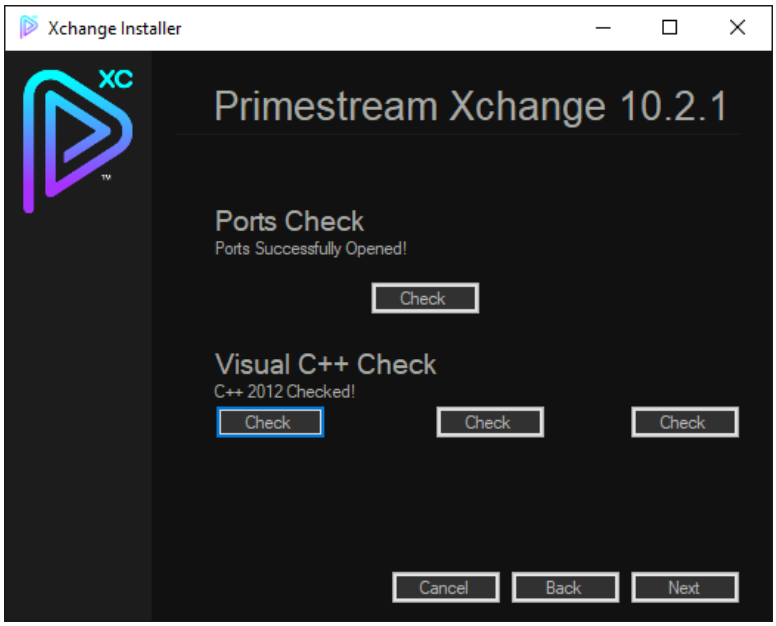


6. Click the **Check** buttons in the order shown in the image below; **Ports Check**, then **Visual C++ Check** from left to right:

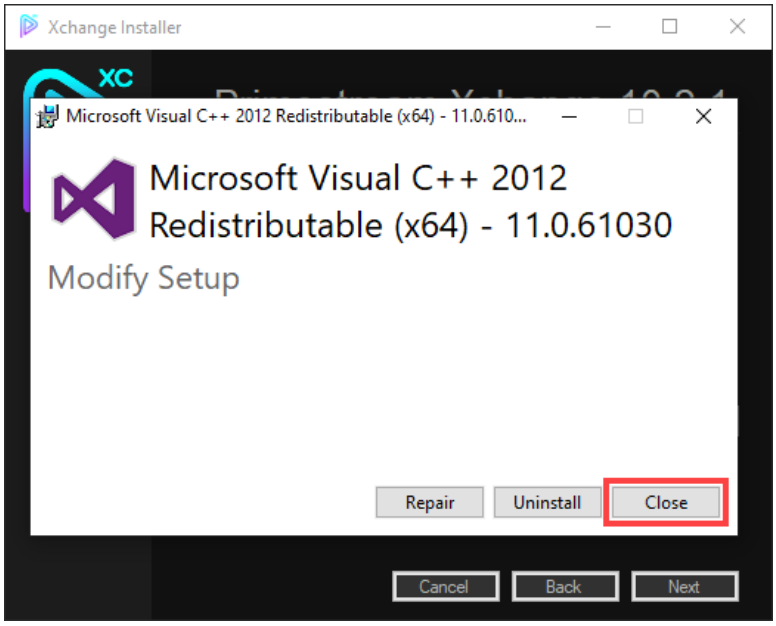


7. After clicking one of the **Check** buttons, a message will appear to confirm the availability of the respective item. Once confirmed, select the next **Check** button.

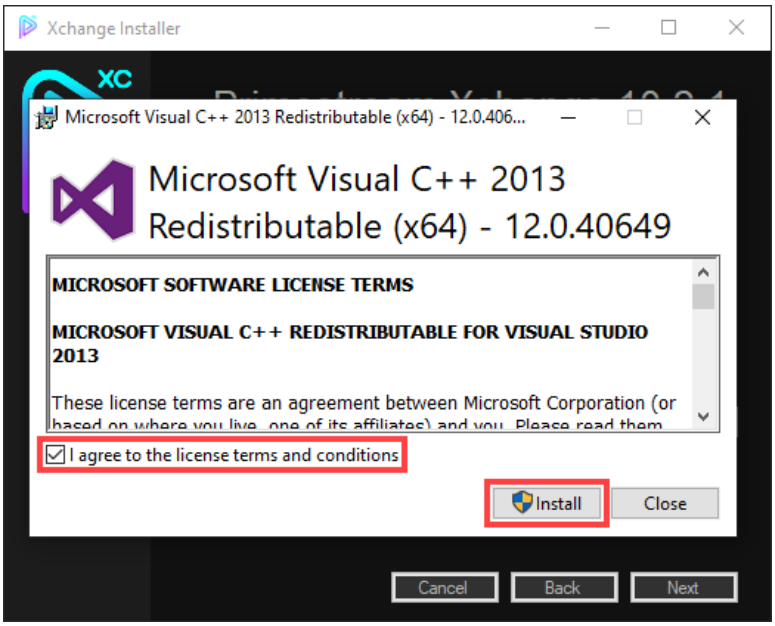




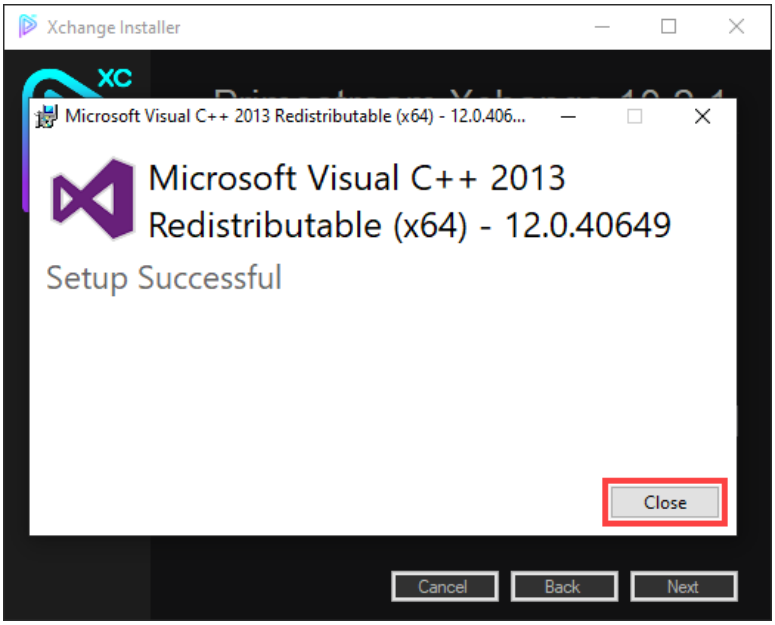
8. If the requirement is installed, the **Microsoft Visual C++ 2012 Redistributable (x64)** window will open with options for modifying the Setup. Click **Close** to continue with the next one.



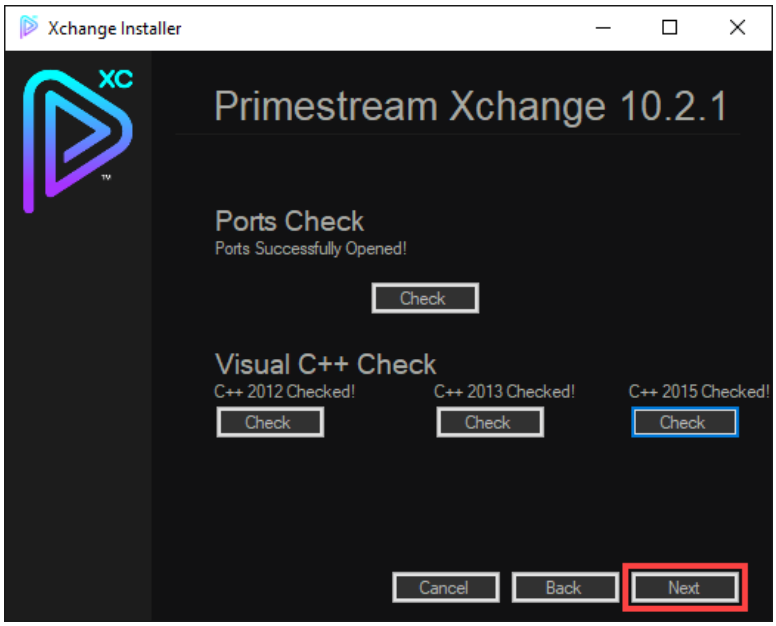
9. If the requirement is not installed, the **Microsoft Software License Terms** window appears.
10. Check the "**I agree to the license terms and conditions**" box, then click **Install** to continue.



11. Repeat steps 7-10 as needed for each **Check** button.
12. Once the installation is complete, an installation confirmation window opens. Click **Close** to continue.



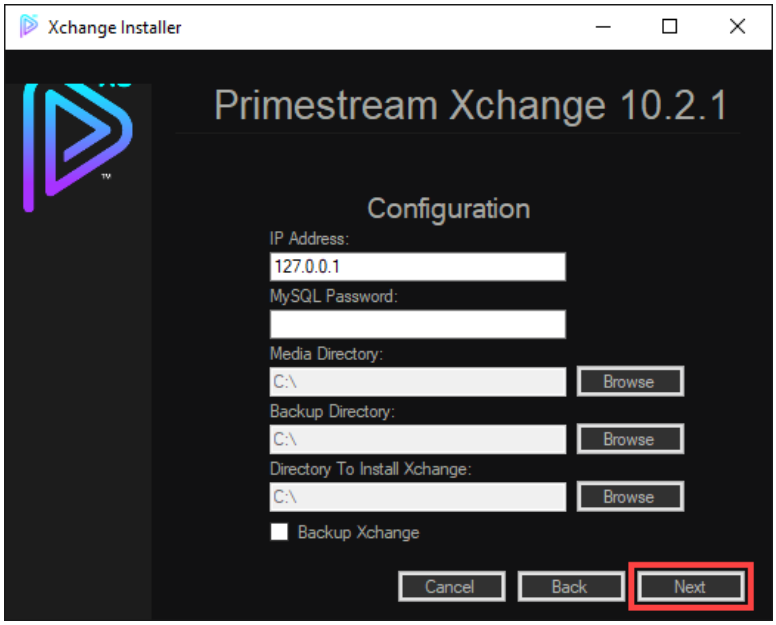
13. Once all the items are checked or installed, click **Next** to continue.



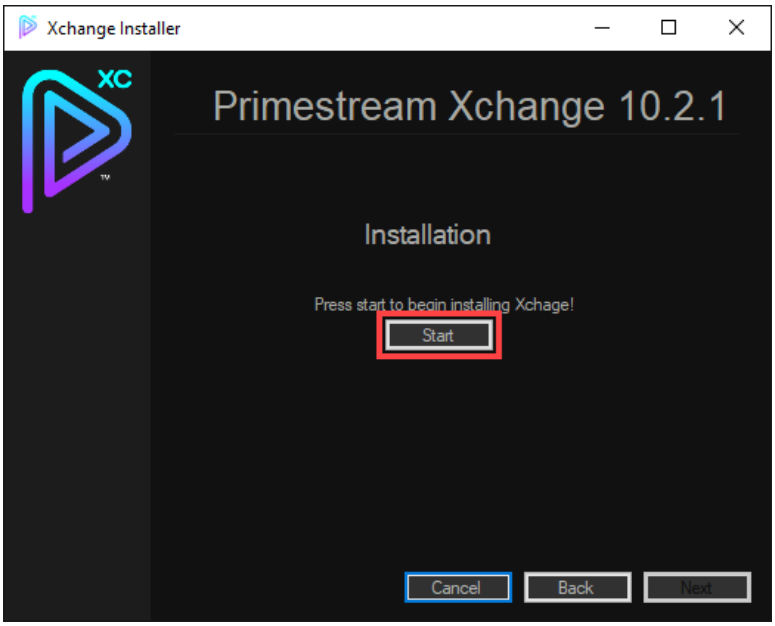
14. Under **Configuration**, enter a password for MySQL. Then, click the **Browse** button next to the Directory boxes and choose a shared media directory.

✶ **NOTE:** `C:\` is recommended.

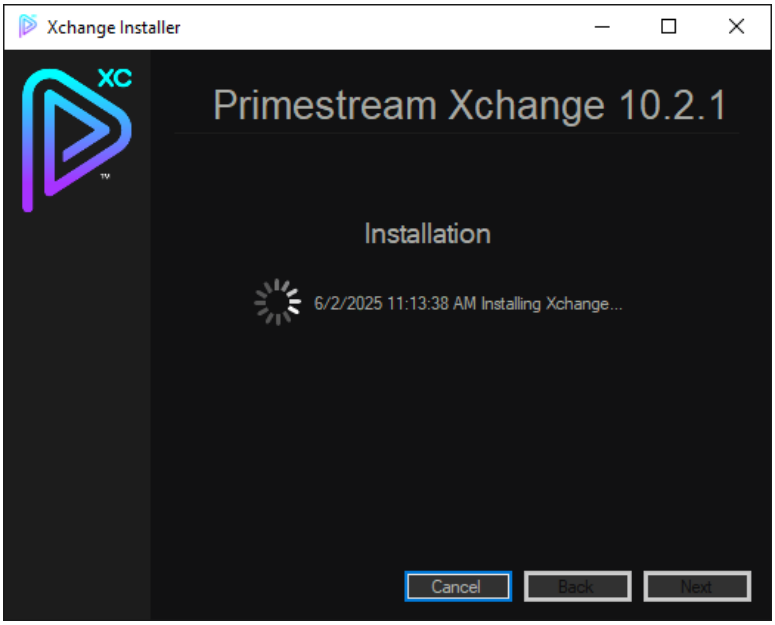
15. Click **Next**.



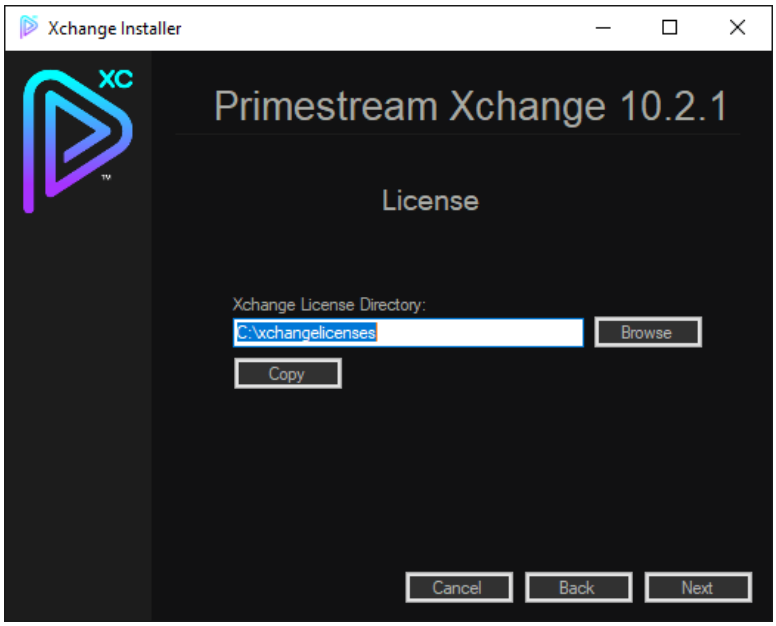
16. Under **Installation**, click **Start** to initiate the installation.



17. The installation starts, as shown in the image below.

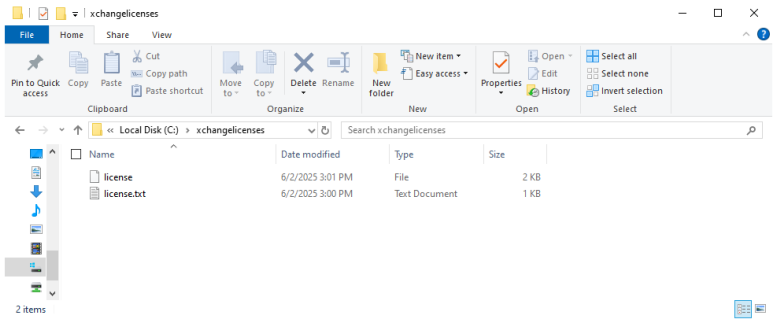


18. Once the installation completes, the **License** window opens.

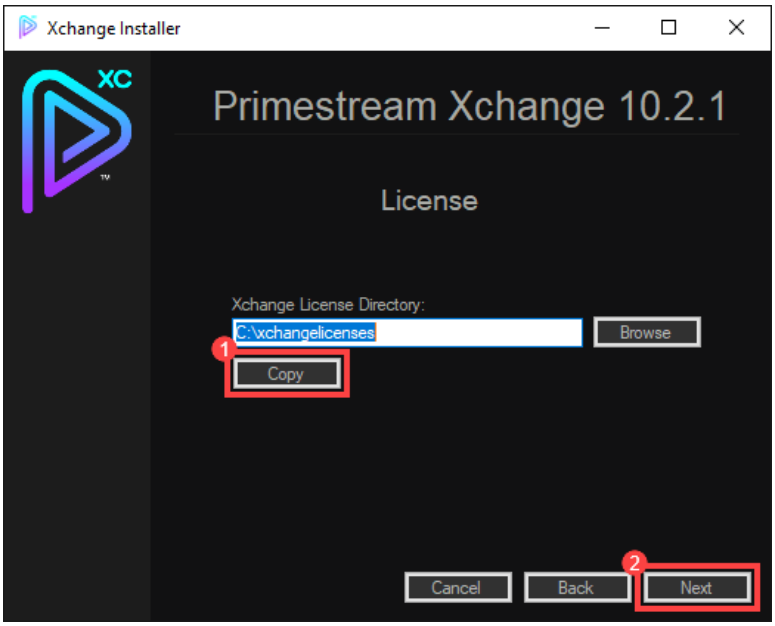


19. Ensure that your Ross Video representative has provided the required license file.
20. Copy and paste the license into the following directory path:

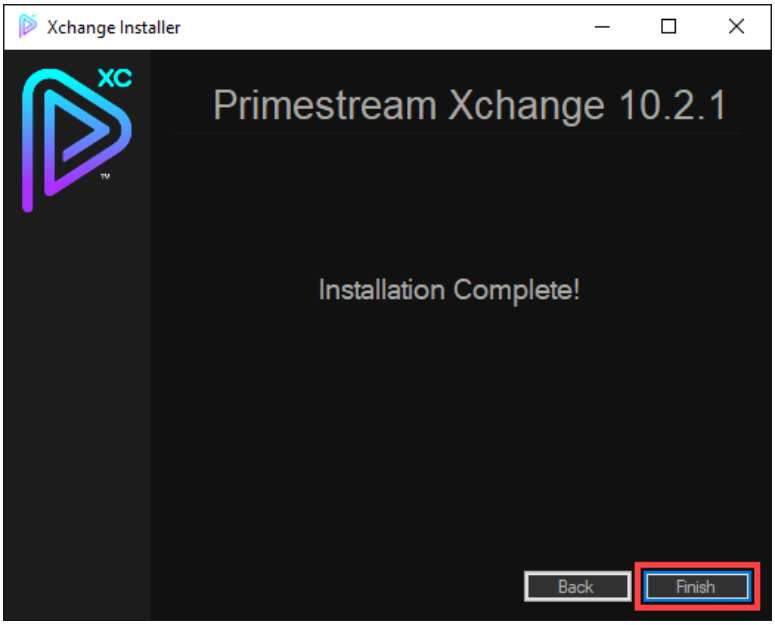
    `C:\xchangelicenses`



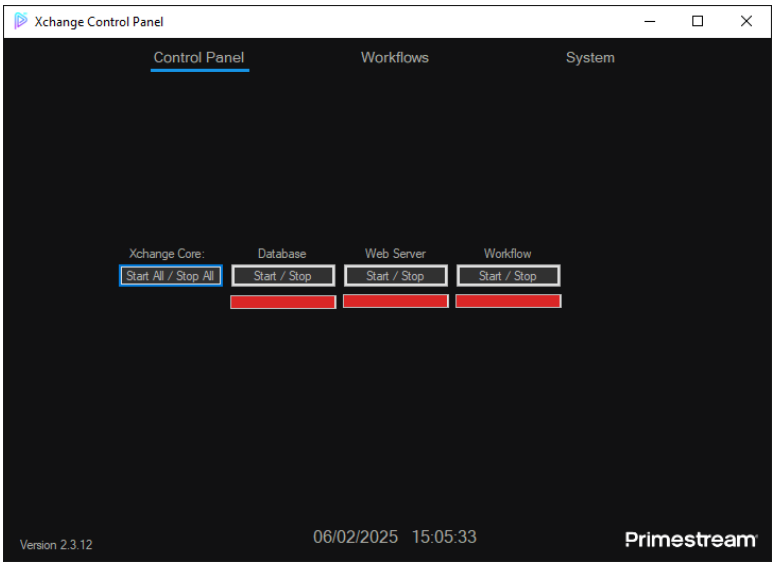
21. In the Installer window, click **Copy** and then click **Next**.



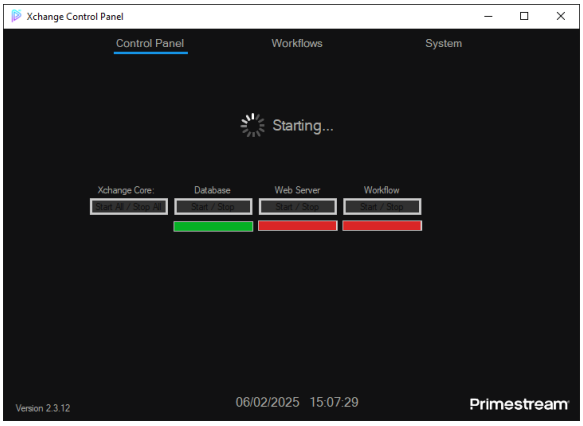
22. Once the installation confirmation is shown, click **Finish**.

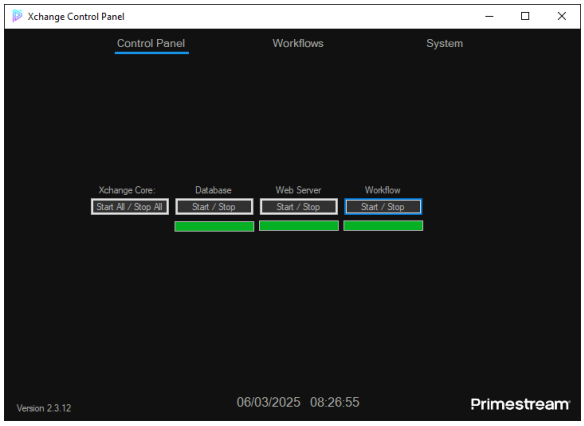


23. When the installation is complete, the **Xchange Control Panel** opens.



24. On the Xchange Control Panel, click **Start** to activate the **Database**, **Web Server**, and **Workflow** one by one, as shown in the figures below:





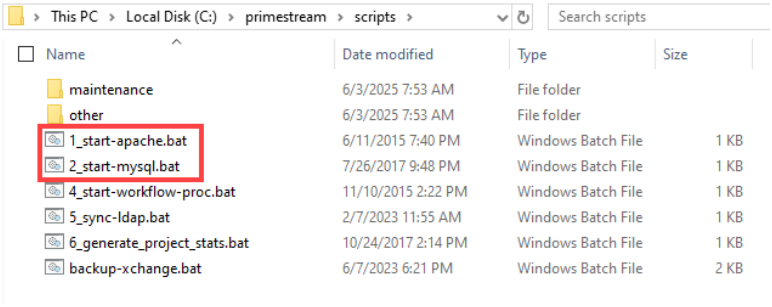
25. Once the installation is complete, from your desktop, open a preferred browser.

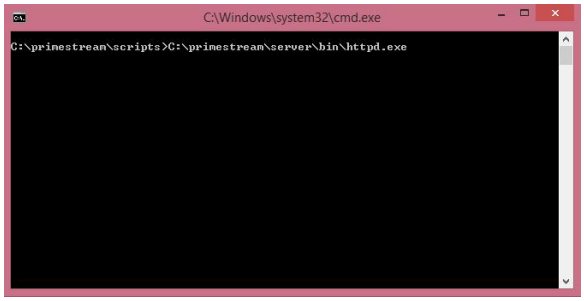
✶ **NOTE:** Google Chrome version 133.0 is the recommended browser for Streamline Xchange.

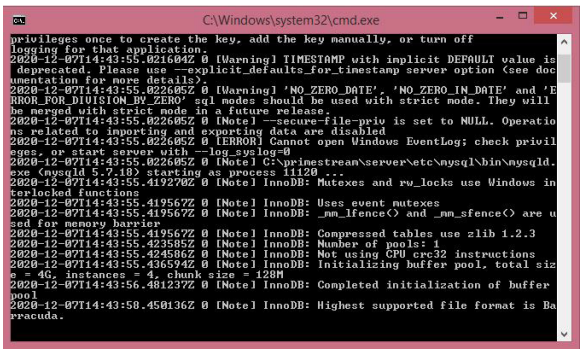
26. Alternatively, instead of opening the Xchange Control Panel, go to the following directory:

    `C:/primestream/scripts`

    From the **Scripts** folder, open **`1_start-apache`** and **`2_start-mysql`**.

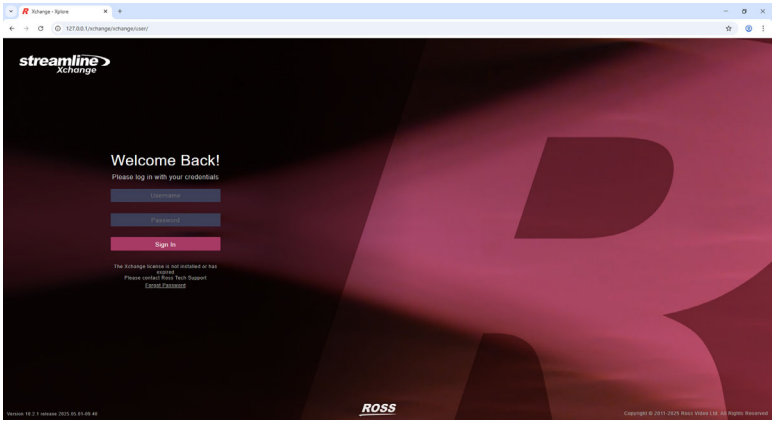






✶ **NOTE:** The command prompt windows will close automatically when the processes are complete. Do not manually close the windows before the processes have been completed.

27. In the browser, type the IP previously selected for Streamline Xchange on the address bar.
28. Enter your credentials and click **Sign In**.



29. Streamline Xchange is now installed and ready for use.

Installing Streamline Xchange with a Render Node

This chapter describes how to connect a node to the Streamline Xchange database server to offload rendering from the database server. The steps include installation of Streamline Xchange, which is covered in "**Installing Streamline Xchange**".

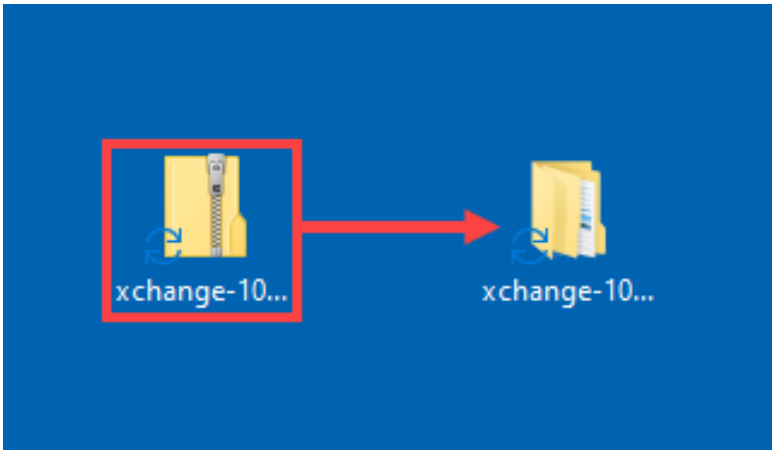
This chapter discusses the following topics:

- Installing Streamline Xchange with a Node
- Troubleshooting

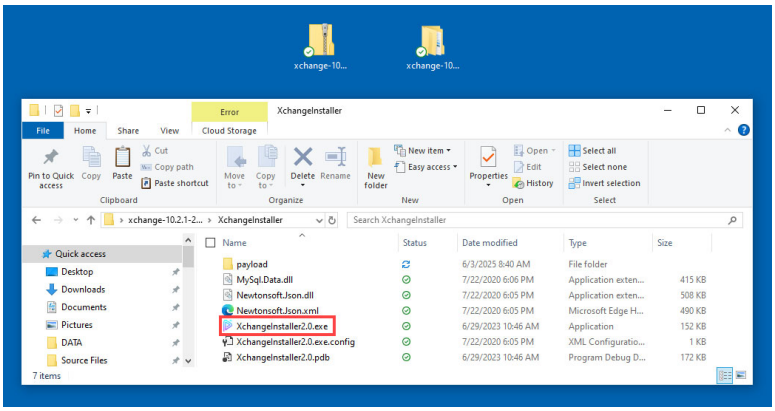
Installing Streamline Xchange with a Node

To install Streamline Xchange with Node

1. Extract the Streamline Xchange installer. Right-click the Xchange zip folder, and click **extract**.



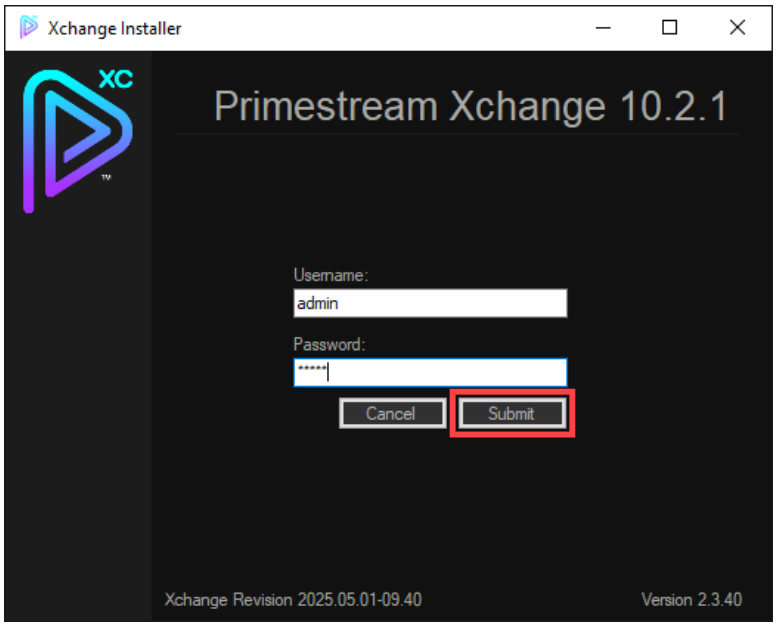
2. Click and enter the **XchangeInstaller** folder, then double-click **XchangeInstaller2.0** to launch the application.



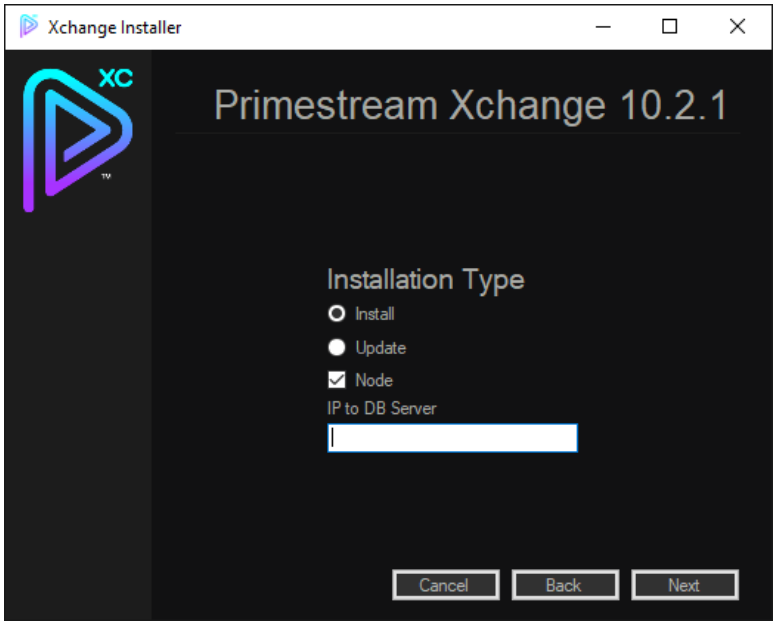
3. On the Streamline Xchange Installer page, enter the following login credentials:
   Username: admin
   Password: xxxxx

✶ **NOTE:** Please reach out to Ross Video Technical Support for information regarding the password, if it has not already been provided.

4. Click **Submit**.

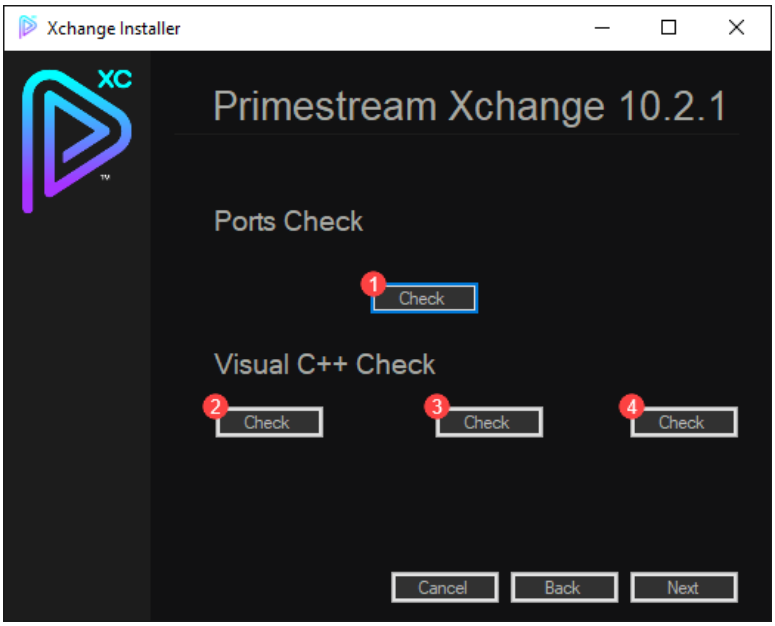


5. Under **Installation Type**, select **Install**, then check **Node**. Enter the required database IP in the **IP to DB Server** box and click **Next**.

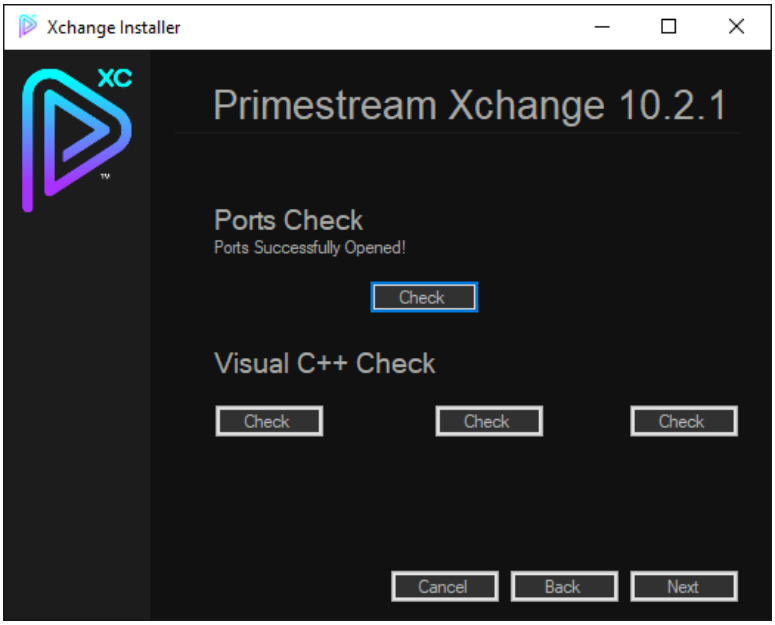


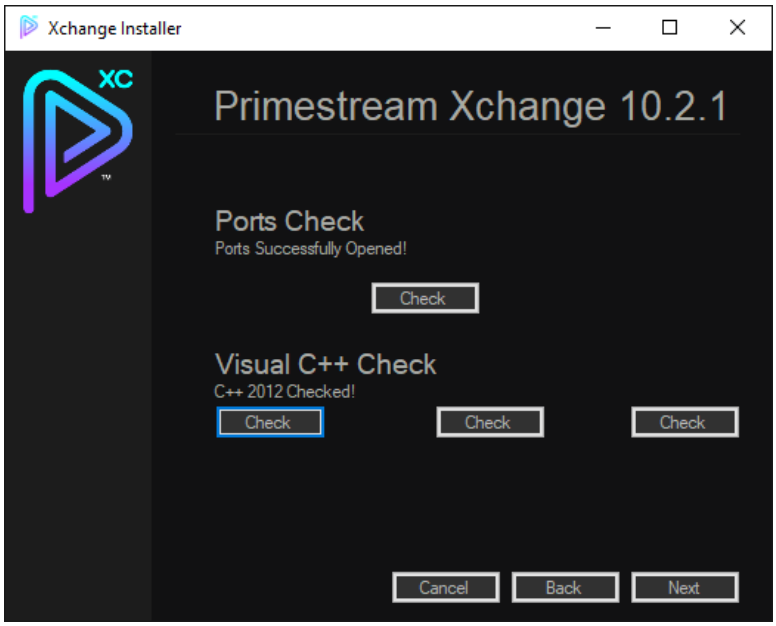
✶ **NOTE:** Check if the requirements are available to continue. Depending on availability, the installer will give the option to continue or install.

6. Click the **Check** buttons in the order shown in the image below.

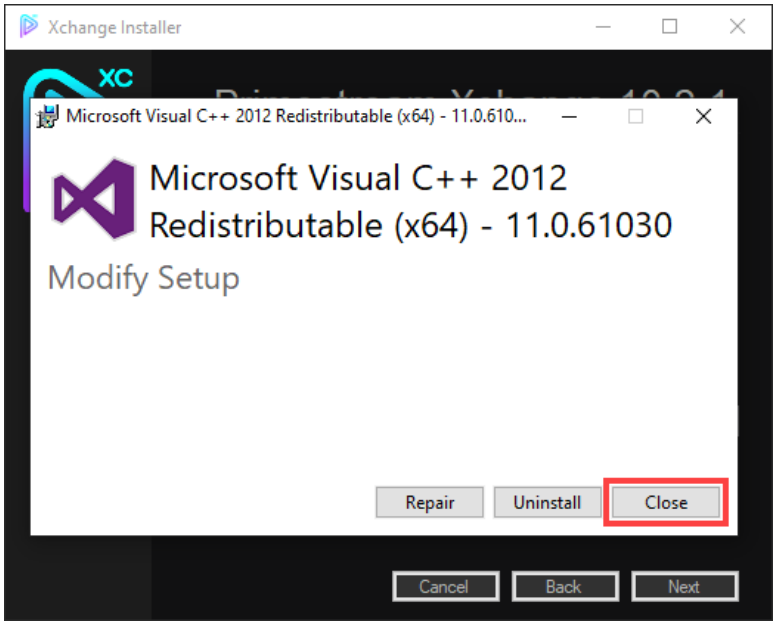


7. After clicking one of the **Check** buttons, a message will appear to confirm the availability of the respective item, as shown in the image below. Once confirmed, continue with the next **Check** button.

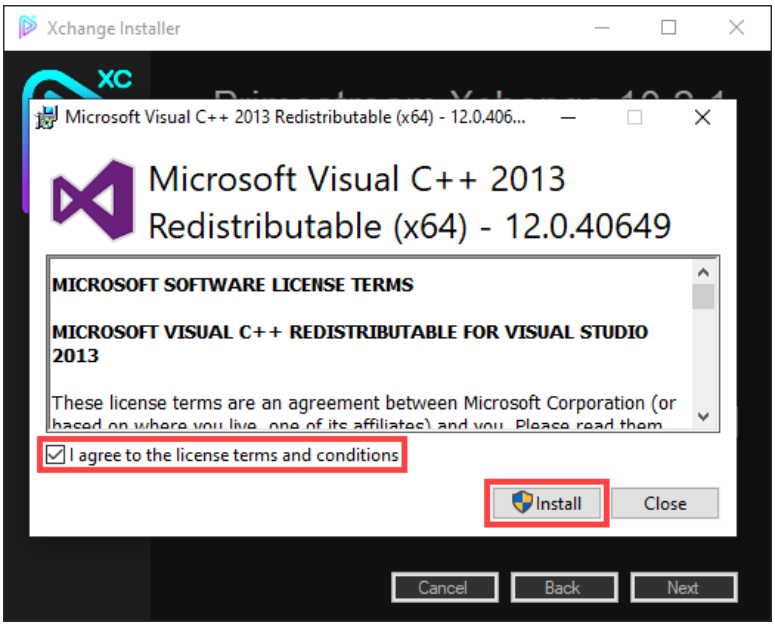




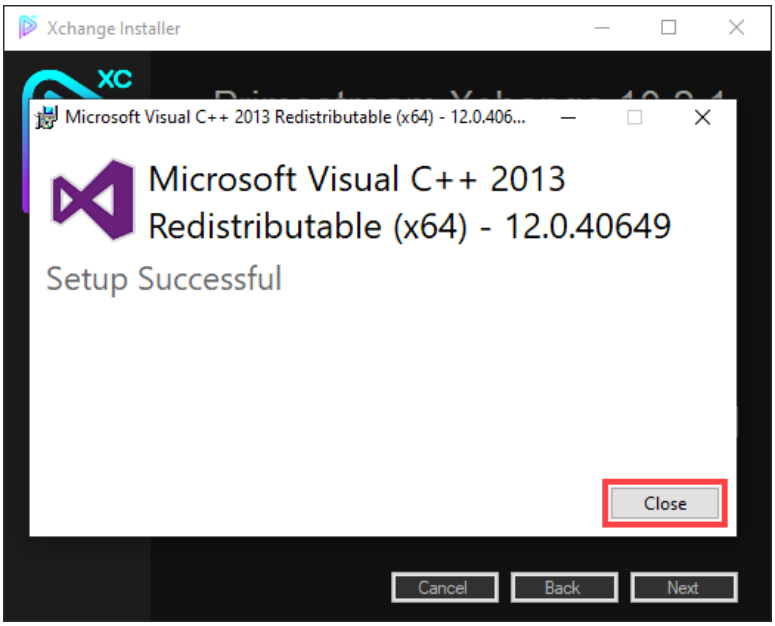
8. If the requirement is installed, the **Microsoft Visual C++ 2012 Redistributable (x64)** window will open with options for modifying the Setup. Click **Close** to continue with the next one.



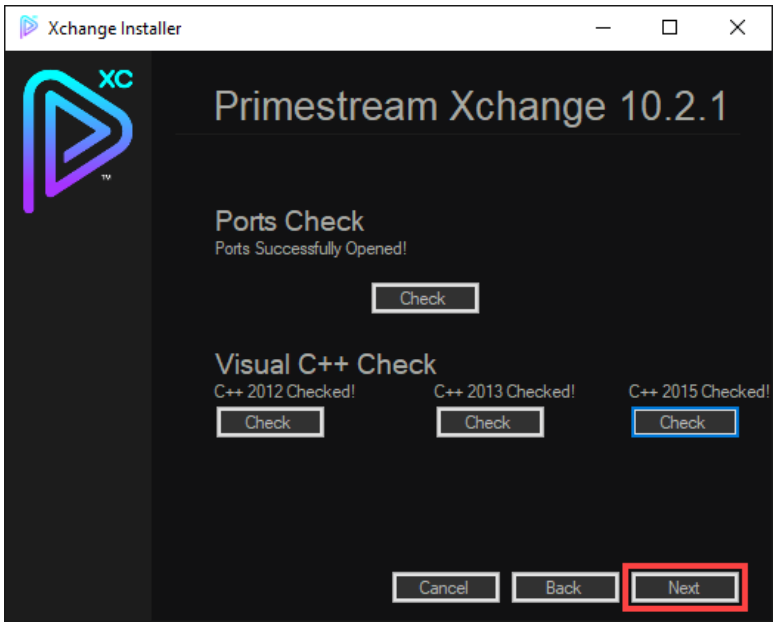
9. If the requirement is not installed, the **Microsoft Software License Terms** window appears.
10. Check the "**I agree to the license terms and conditions**" box, then click **Install** to continue.



11. Repeat steps 7-10 as needed for each **Check** button.
12. Once the installation is complete, an installation confirmation window opens. Click **Close** to continue.

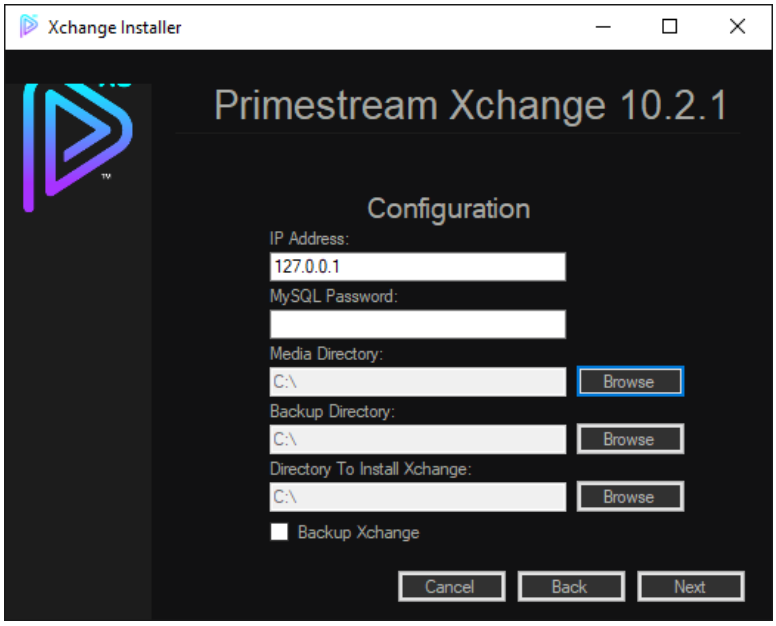


13. Once all the items are checked or installed, click **Next** to continue.

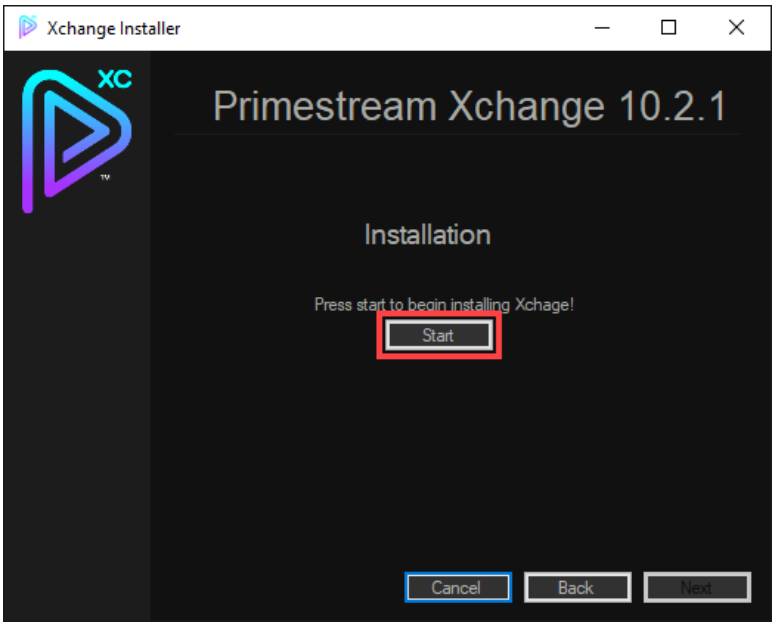


14. Under **Configuration**, enter the IP address to match where the database is installed. Enter a password for MySQL and ensure it is the same as the Xchange database. Then, click the **Browse** button next to the Directory boxes and ensure it is the same shared media directory as the database.

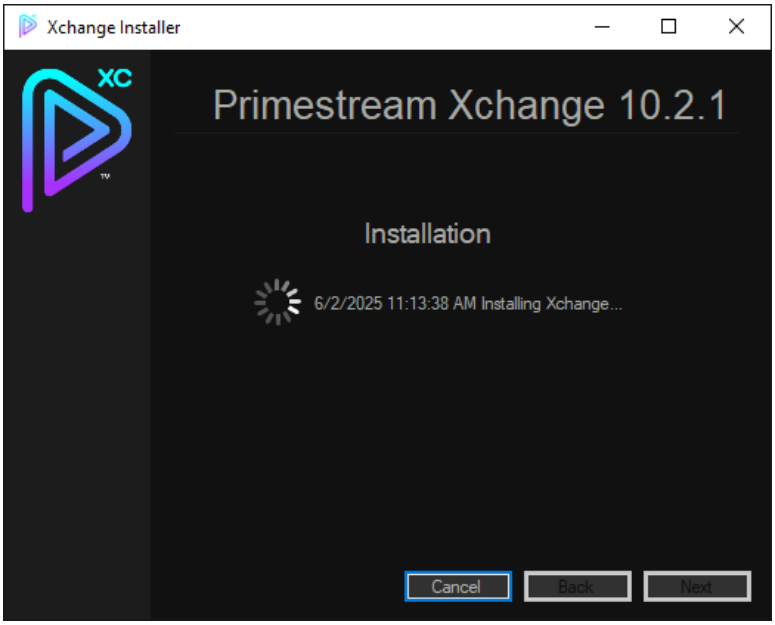
15. Click **Next**.



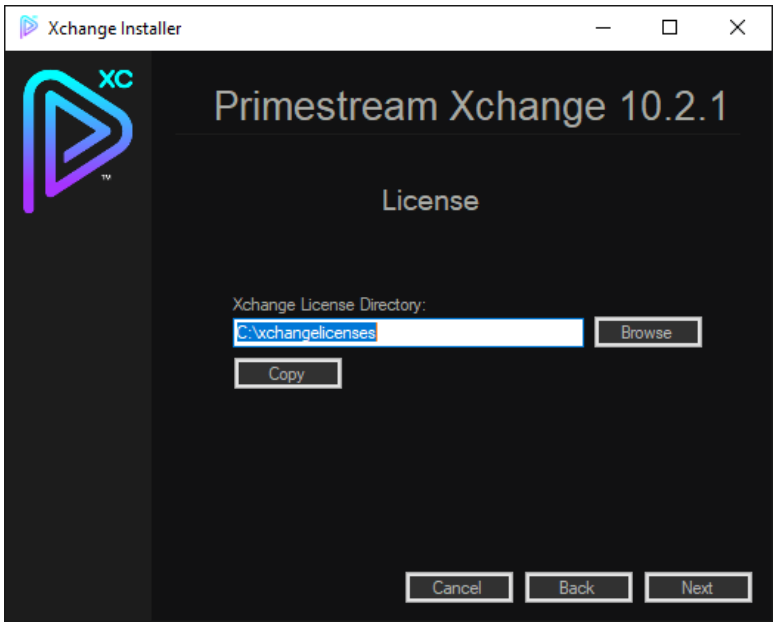
16. Under installation, click **Start** to initiate the installation.



17. The installation starts, as shown in the image below.

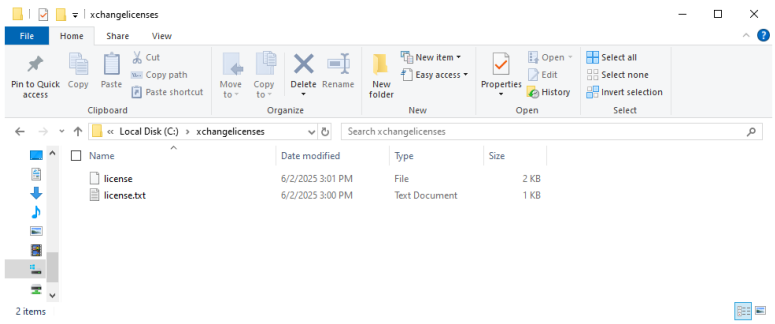


18. Once the installation completes, the **License** window opens.

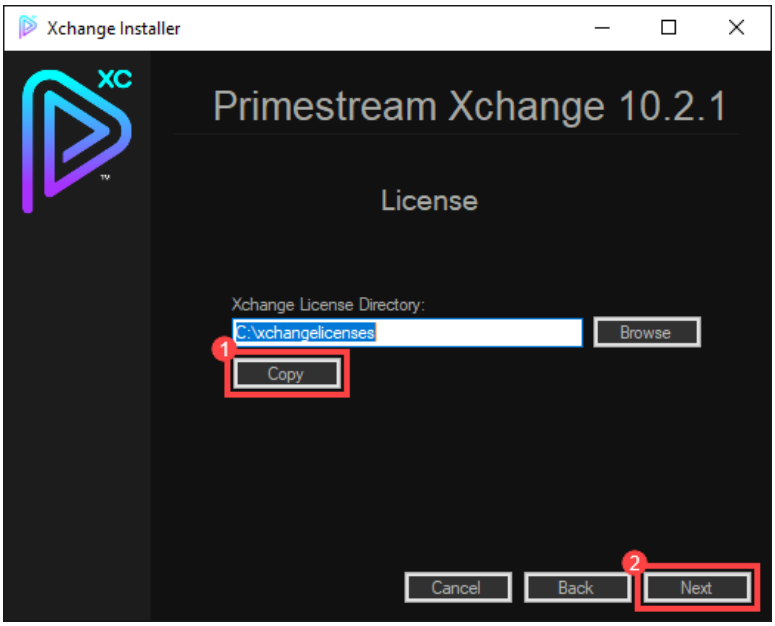


19. Ensure that your Ross Video representative has provided the required license file.
20. Copy and paste the license into the following directory path:

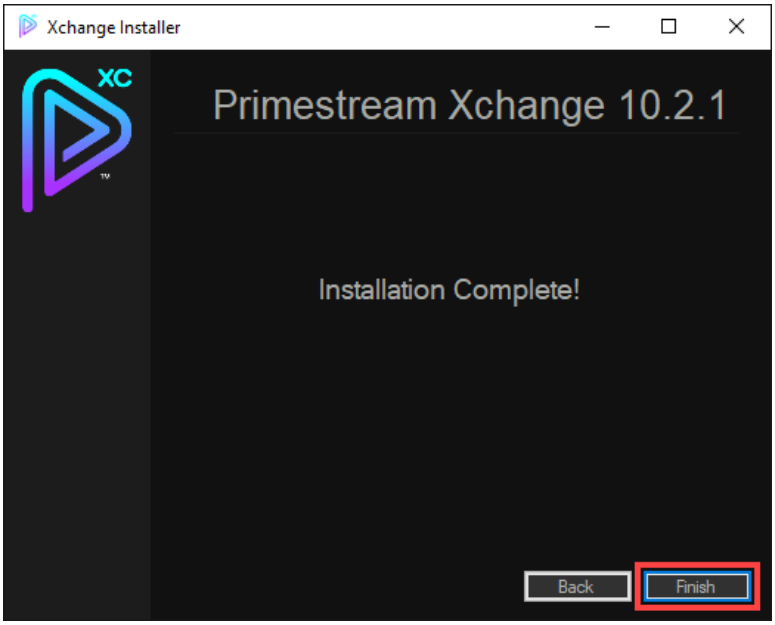
    `C:\xchangelicenses`



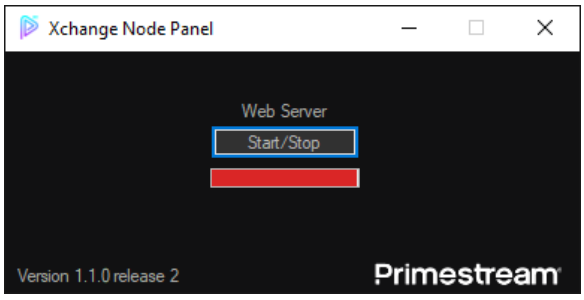
21. In the Installer window, click **Copy** and then click **Next**.

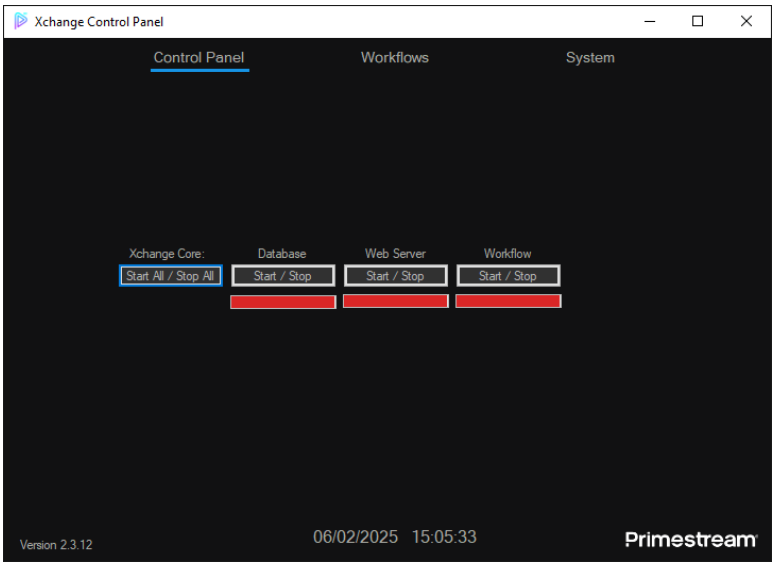


22. Once the installation confirmation is shown, click **Finish**.

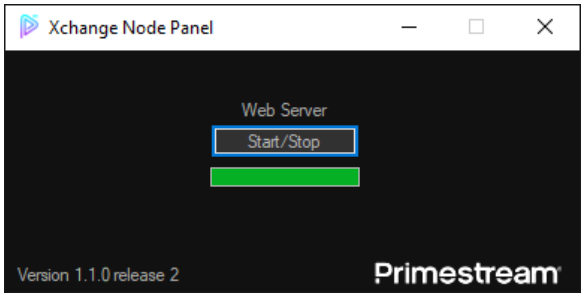


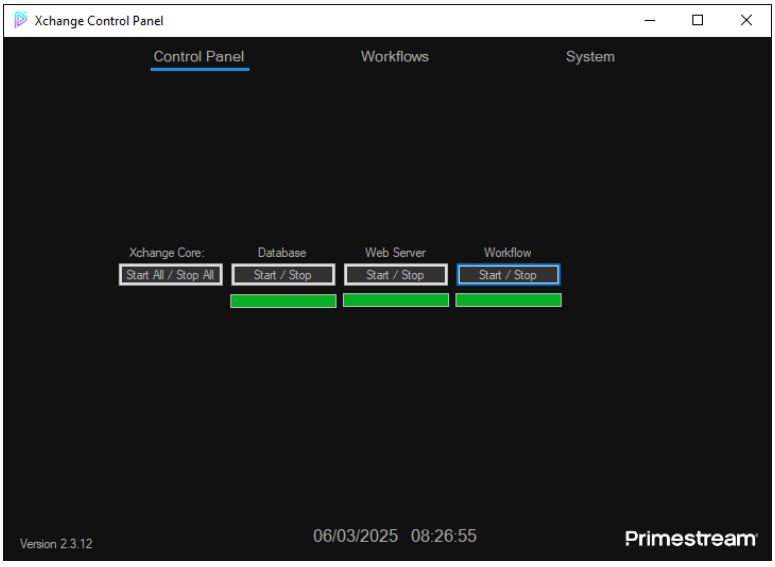
23. When the installation is complete, the **Xchange Node Panel** opens. The **Xchange Control Panel** is also installed, and may need to be opened manually.





24. On the Xchange Node Panel, click **Start** to activate the Web Server, as shown in the figure below. Open the Xchange Control Panel and click **Start** to activate the **Database**, **Web Server**, and **Workflow** one by one. The notification bar will show green once activated in both the Node Panel and Control Panel.





To log in to phpMyAdmin

phpMyAdmin is a tool that is installed alongside Streamline Xchange.

1. Ensure that the port is open.
2. In a web browser, enter the following path into the search bar:

`localhost/ps_phpmyadmin/`

3. When prompted to log in, enter the following credentials:

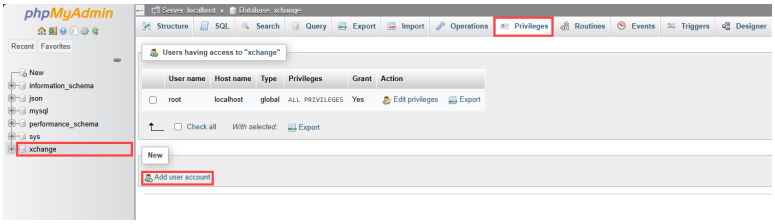
   Username: **`root`**

   Password: **`xxxxx`**

✶ **NOTE:** Please reach out to Ross Video Technical Support for information regarding the password, if it has not already been provided.

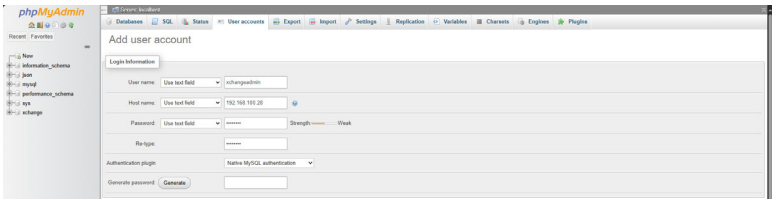
To allow the Node server to access Xchange database

1. On phpMyAdmin, click **Xchange** on the left navigation pane. Then on the menu bar, click **Privileges**. Click **Add user account**, as shown in the image below.

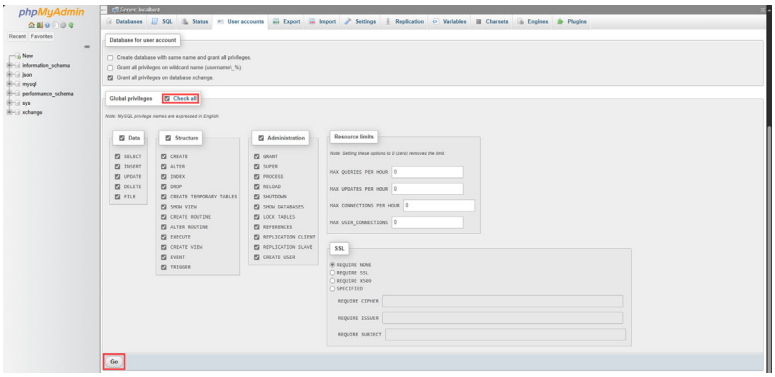


2. On the **User accounts** page, enter the following login credentials:
   Username: **`xchangeadmin`**
   Host name: (Enter the IP to the Node server (**`192.168.100.28`**))
   Password: xxxxx (Enter a secure, unique password of your choosing.)
   Re-type: Re-type the password.

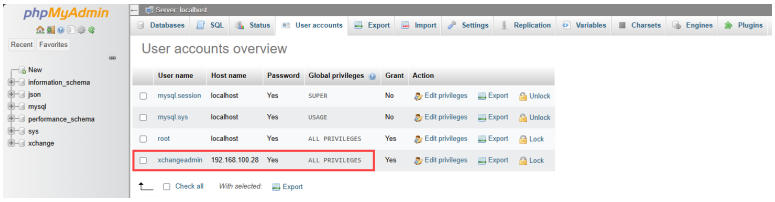
✶ **TIP:** Click the Generate password button to generate a random password.



3. Under **Global privileges**, select **Check all** to grant the user all permissions, then click **Go**.



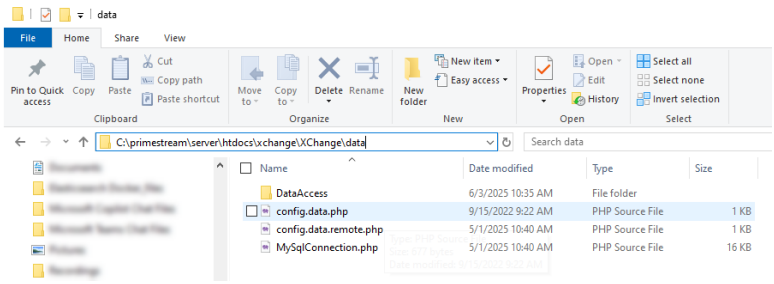
4. Under **User accounts overview**, confirm if the user is connected to the correct IP and has all relevant permissions.



5. Go to the following directory:

   `C:/primestream/server/htdocs/xchange/XChange/data`

6. Open **`config.data.php`**.



7. Edit the '**`xchange_DBHOST`**' IP to point to the database server.

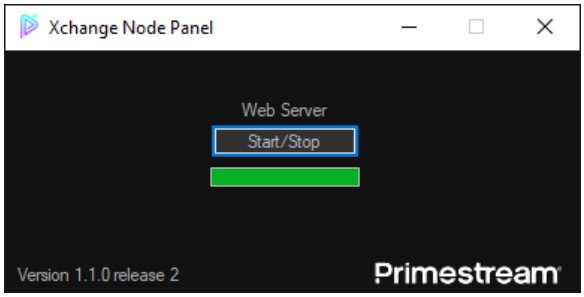
   Edit **`'xchange_DBUSER'`** and **`'xchange_DBPASS'`** and ensure they are the same username and password as what was set in Step 2 of this procedure.

config.data.php

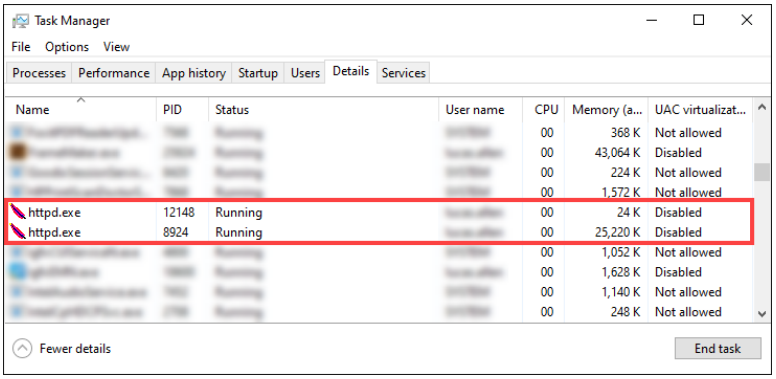
C: > primestream > server > htdocs > xchange > XChange > data > config.data.php

```php
<?php

include_once __DIR__ . '/config.data.local.php';


$connections = array(
    'xchange_DBHOST' => '127.0.0.1',
    'xchange_DBUSER' => '[redacted]',
    'xchange_PORT' => null,
    'xchange_DBPASS' => '[redacted]',
    'xchange_DBNAME' => 'xchange',
    'xchange_DBPORT' => null,
    'uscdb_DBHOST' => '127.0.0.1',
    'uscdb_DBUSER' => 'root',
    'uscdb_PORT' => null,
    'uscdb_DBPASS' => 'prime',
    'uscdb_DBNAME' => 'ascj_adobe_cc',
    'uscdb_DBPORT' => null,
    'memcached_HOST' => '127.0.0.1',
    'memcached_PORT' => 11211

);

foreach ($connections as $key => $value) {
    if (!defined($key))
        define($key, $value);
}
```

8. Grant access to the same storage mount on the Node as the database server. Ensure that the **Xchange Node Panel** is running.



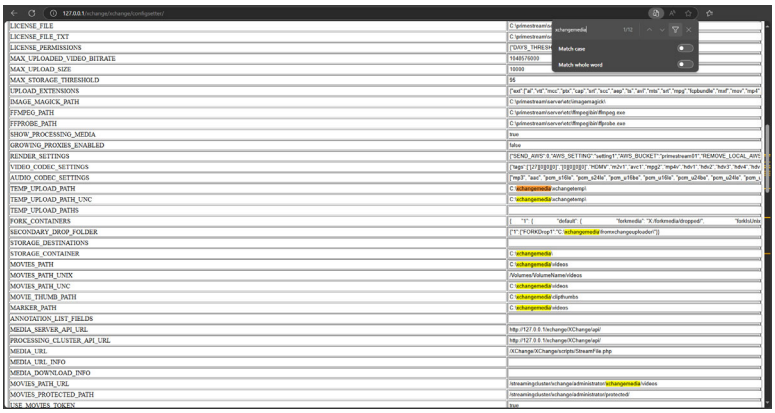
9. Open **Task Manager** to check if apache is running in the background.



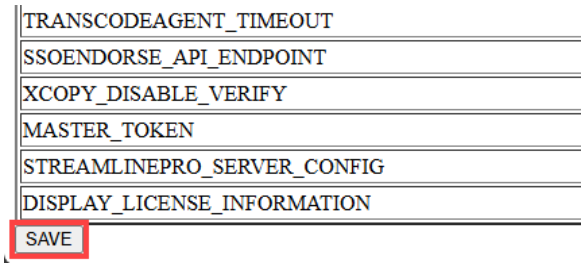
10. Enter the following URL in a web browser:

    `http://127.0.0.1/xchange/xchange/configsetter`

11. Open the configsetter and rename the storage paths. Wherever it is "**`xchangemedia`**", ensure that the storage directory matches the connected xchange database. Both the drive letter and **VolumeName** should match.



12. Once renamed, click the **Save** button at the bottom of the page.

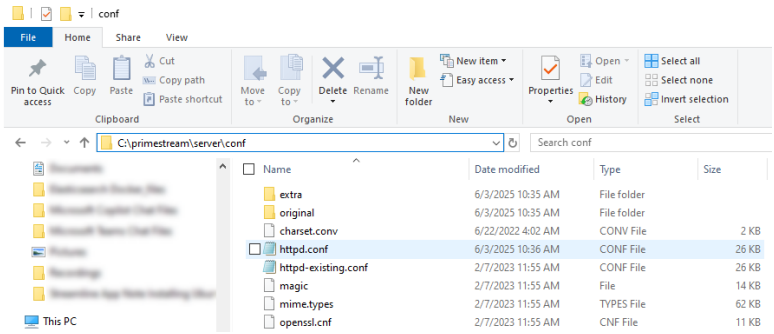


13. A confirmation window opens.

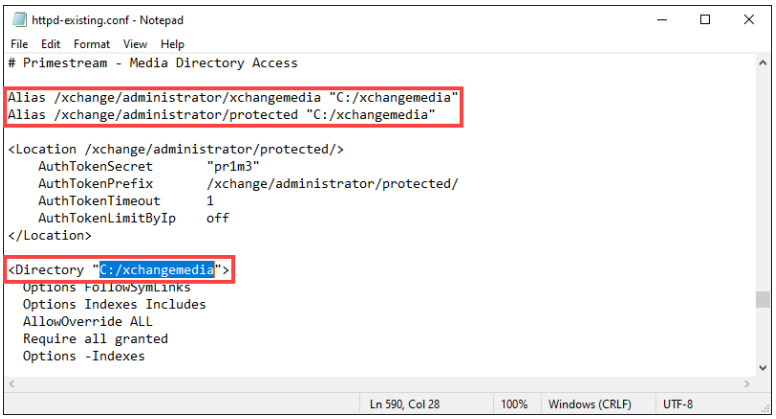
14. Navigate to the following directory:

    `C:/primestream/server/conf`

15. Open the httpd-existing.conf file in a text editor.



16. Update the path to the shared storage.

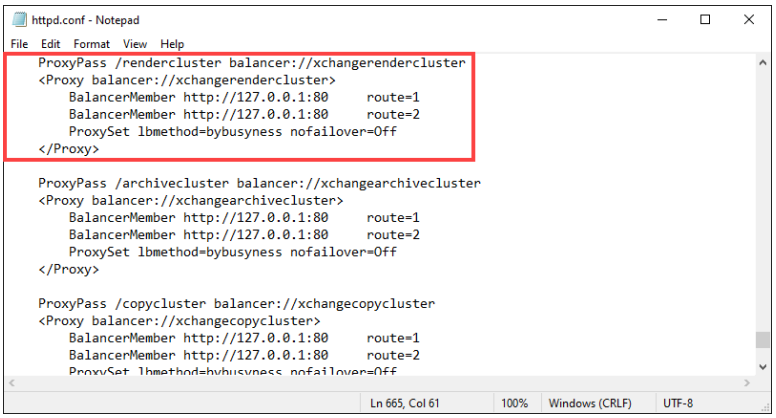


✶ **NOTE:** If a media path was set during the installation process, steps 15-16 can be skipped.

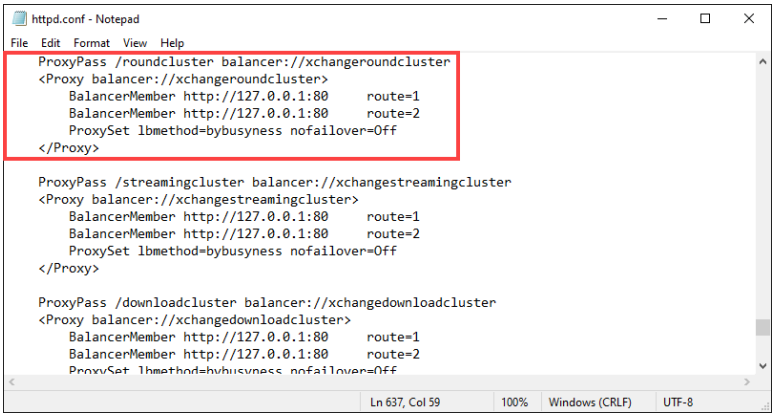
17. Set the Media Processor on the DB server to point to the Node API.

    - For a Load balanced system:
      Go to **`c:/primestream/server/conf/httpd.conf`**
      Edit the load balance members at the bottom of the file and then save the file.

18. For Rendercluster (at line 665):



19. For Roundcluster (at line 637):



20. At this point, restart the **Xchange database** and the **Node Panel** again to apply the new config changes. Send a new file and confirm the Node server is rendering by checking the CPU usage or visiting the Node server's activity log.

Troubleshooting

If start apache disappears and stops running, perform the following procedure:

1. Make sure all Vcred C++ 2010-2015 are installed.
2. Open a command prompt and enter the following:

   ```
   cd C:/primestream/server/bin
   ```

3. Run "httpd.exe".

✶ **NOTE:** If you get an error regarding port 80, run the following in the command prompt:

```
netstat -ano | FINDSTR "80"
```

If port 80 is listening on PID 4 "NT Kernal system", open the server manager.Under services, look for "World Wide Web Publisher" and stop the task.

✶ **NOTE:** If the issue has not been resolved, try changing the startup mode and disable it there as well. That should clear PID 4 listening on port 80 to run apache.

Attaching Streamline Xchange to Workflow Server

This chapter discusses the following topics:

- Accessing the Streamline Xchange Database
- Setting up Containers
- Adding new Workflow Server containers
- Setting up Volume Name for Mac Clients
- Registering Media from Workflow Server to Streamline Xchange via Scripting

Accessing the Streamline Xchange Database

To access the Streamline Xchange database

1. Launch the Google Chrome browser.
2. On the browser's address bar, enter the following URL:

   `127.0.0.1/ps_phpmyadmin/`

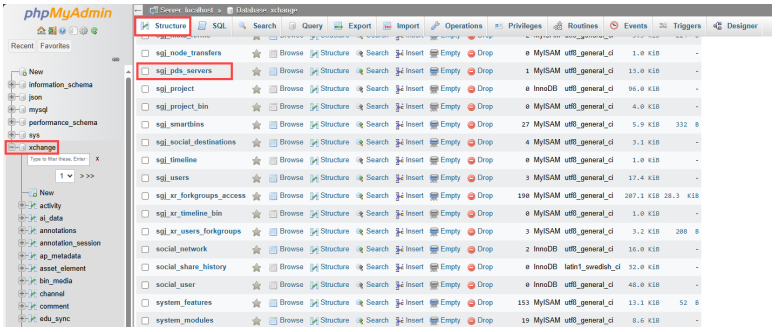
   Press the **Enter** key.
3. On the login page, enter the following login credentials:

   Username: **`root`**

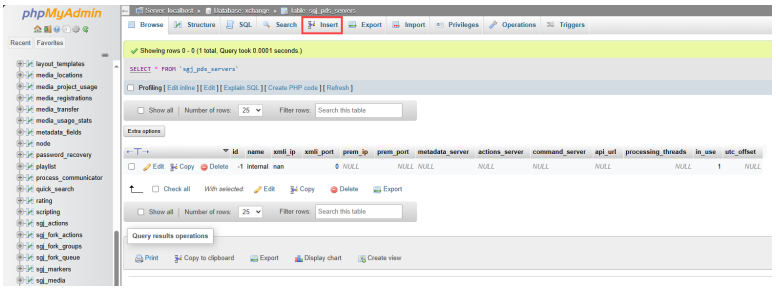
   Password: xxxxx

✶ **NOTE:** Please reach out to Ross Video Technical Support for information regarding the password, if it has not already been provided.

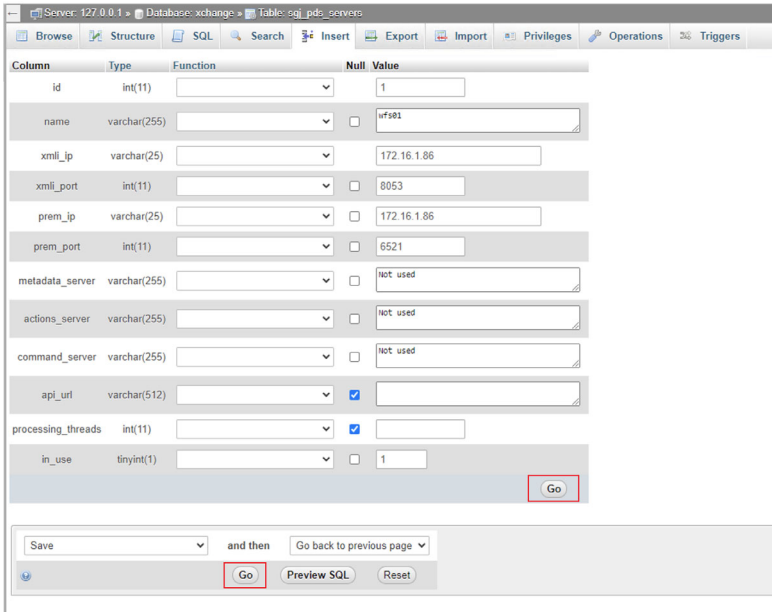
4. On the Streamline Xchange database, under the **Structure** tab on the left-hand side, select **`sgj_pds_servers`**.



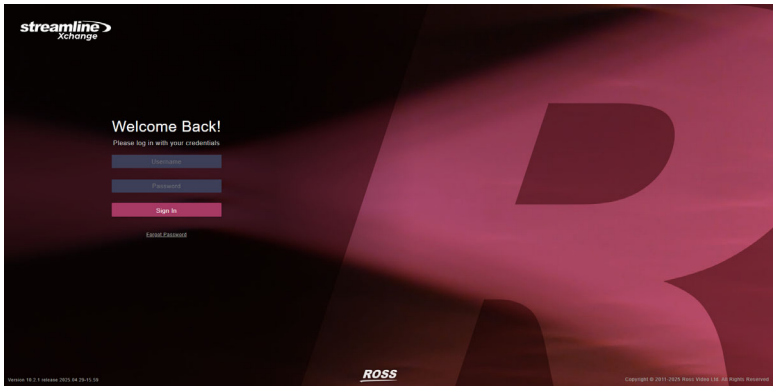
5. Click **Insert**.



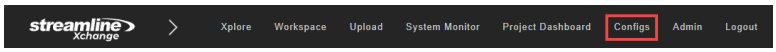
6. On the **Insert** page, enter the Workflow Server information to add to the Streamline Xchange database to connect them.
7. Click **Go** to save the added Workflow Server information.



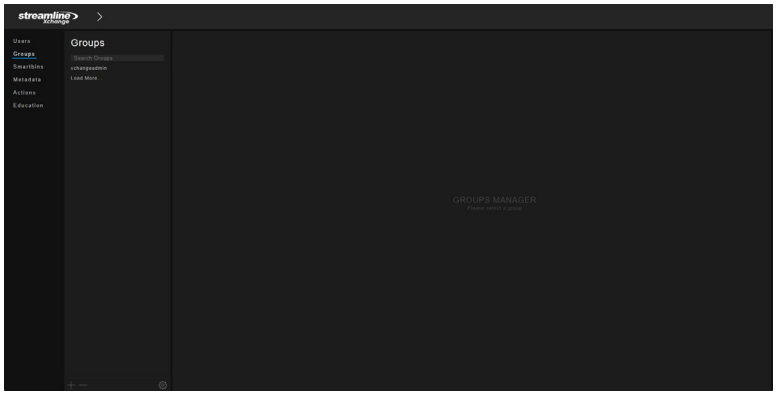
8. Open Streamline Xchange and enter the root admin login credentials.



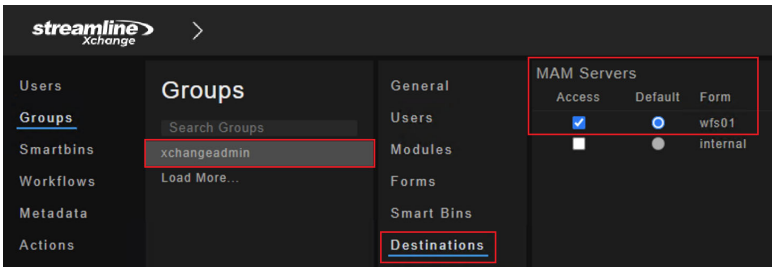
9. From the menu bar, click **Configs**.



10. Once the Configs module section is displayed, from the list of submodules on the left, click **Groups**. The **Groups** section is displayed.



11. Select **xchangeadmin** and then click **Destinations**. Under MAM Servers, select **wfs01**.



This is the newly added Workflow Server. Selecting it grants access to the connected Workflow server. Users can upload their work in Streamline Xchange, which is automatically registered in the Workflow server.

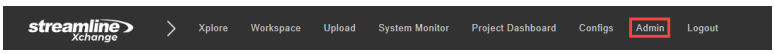
Setting up Containers

To register a file on Workflow Server via Streamline Xchange successfully, the user must set up a proper container. This is done in the **Config Setter**.

1. Log into the Streamline Xchange suite with the root admin user.

✶ **NOTE:** The **Admin** module can only be used through root access, not general access.

2. From the menu bar, click **Admin**.



3. On the Admin module, click **Configs**.
4. Under **Configs**, click **Config Setter**. On the search bar, enter **`FORK_CONTAINERS`**.

5. Copy the text from the box into a JSON formatter. Ensure that the directory paths for Windows are correct with the drive letter mount point (shown as **`X`** in the image below) of the new container for Streamline Xchange to Workflow Server.

```
{
  "1": {
    "default": {
      "forkmedia": "X:/forkmedia/dropped/",
      "forkIsUnix": "0",
      "rootUnixPath": "/Volumes/VolumeName/forkmedia/",
      "rootWindowsPath": "X:/forkmedia/",
      "containerName": "dropped"
    },
    "streaming": {
      "forkmedia": "X:/forkmedia/dropped/",
      "forkIsUnix": "0",
      "rootUnixPath": "/Volumes/VolumeName/forkmedia2/",
      "rootWindowsPath": "X:/forkmedia2/",
      "appendIdToContainer": "2"
    }
  }
}
```

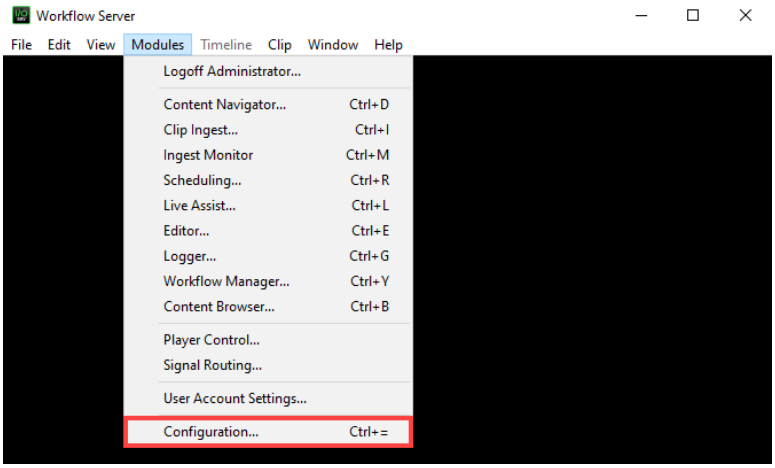
6. Copy the modified JSON text back into the FORK_CONTAINERS box, replacing the original snippet. Click **Save Configs**.

Creating a Streamline Xchange Server connection in Workflow Server

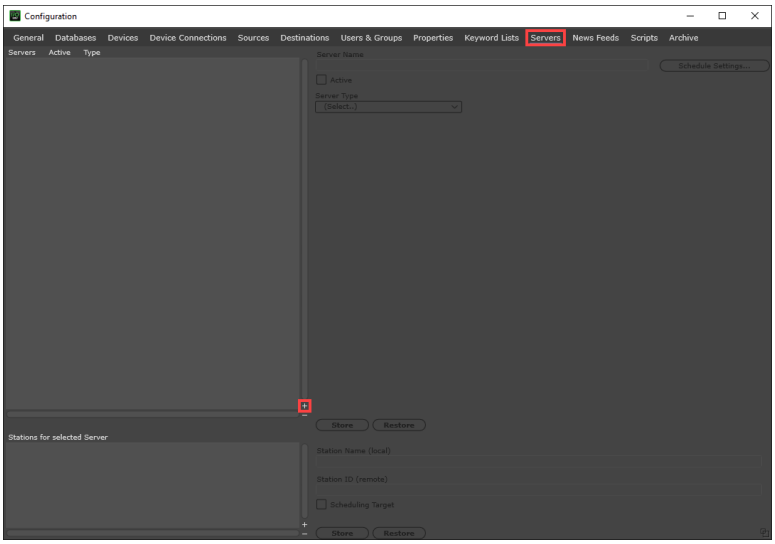
1. Open the **Workflow Server** and log in.

✶ **NOTE:** If you require assistance with installing or logging in to Workflow Server, please contact Ross Video Technical Support.

2. On the top menu bar, navigate to **Modules** > **Configuration**.



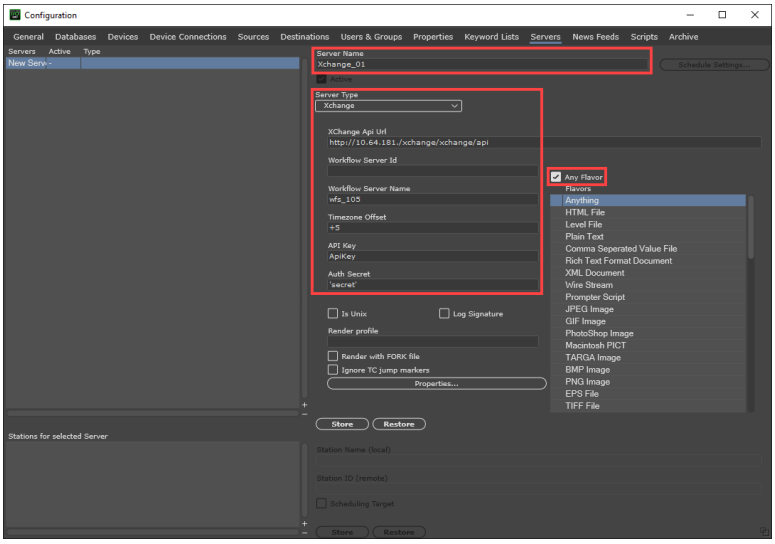
3. In the Configuration window, select the **Servers** tab.
4. Select the + button to create a New Server.



5. Name the server **`Xchange_##`**, where **`##`** is a number based on how many servers have already been created.
6. Select the New Server once it is added to the list. In the **Server Type** drop-down box, select **Xchange**.
7. Enter the following information in the boxes that are displayed:
   - **Xchange Api Url:** **`[The verified Xchange API URL.]`**
   - **Workflow Server Name:** **`wfs_105`**

- **Timezone Offset:** `+5`
- **API Key:** `ApiKey`
- **Auth Secret:** `'secret'`

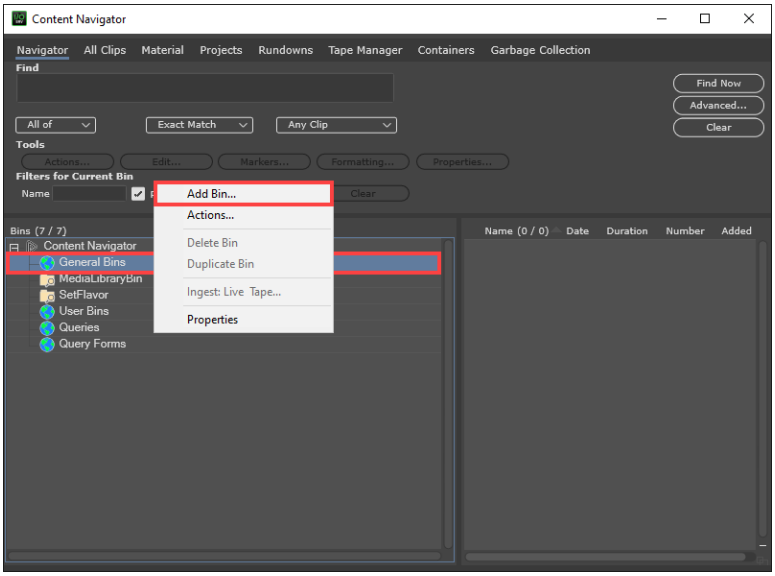
8. Ensure the **Any Flavor** box is checked, and **Anything** is selected in the drop-down underneath.



9. Click **Store** to save the changes.
10. In the Configuration window, select the **Properties** tab.
11. Add the metadata fields that will be synchronized between the Workflow Server and the Streamline Xchange Server through the API calls of the Xchange server.
12. The chosen Properties must match the Xchange Properties.

✶ **NOTE:** The Properties are case-sensitive.

13. Click **Store** to save the changes.
14. In the top menu bar, navigate to **Modules** > **Content Navigator**.
15. In the **Navigator** tab, in the **Bins** list, right-click **General Bins** and select **Add Bin**.



16. Configure the new bin's properties:

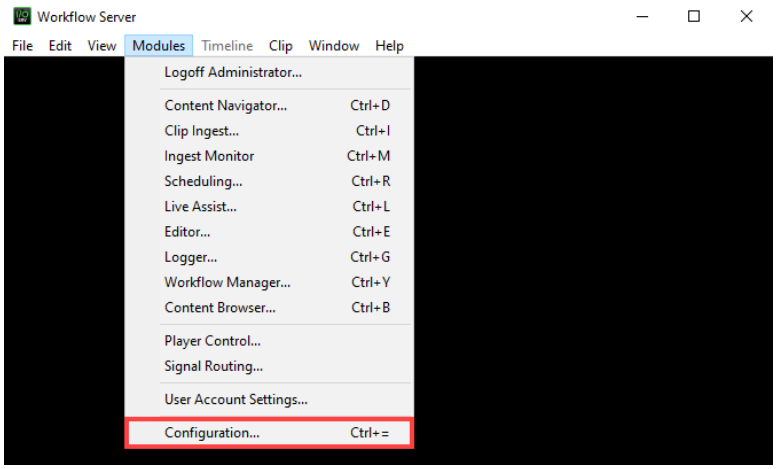
- **Name:** `[Enter a name.]`
- **Type:** `[Either Normal Bin or Smart Bin.]`

17. Select the + button to apply filters to what goes in the Bin:
    - **Property** is the main filter for the bin.
    - **Operator** specifies the main filter.
    - **Value** is the parameters of the main filter.
    - **Match** corresponds to the value.
18. Right-click the created Bin and select **Properties**. In the window that opens, check the **Initially Expanded** box.
19. In the Bins window, right-click **User Bins** and select **Properties**.
20. For the **Name**, enter **`Admin`**. Select the arrow buttons to choose an icon for the bin.
21. Select **OK** to save the changes.
22. Create a sub-bin under the Admin bin. Ensure the sub-bin is named **`Xchange Placeholders`**.

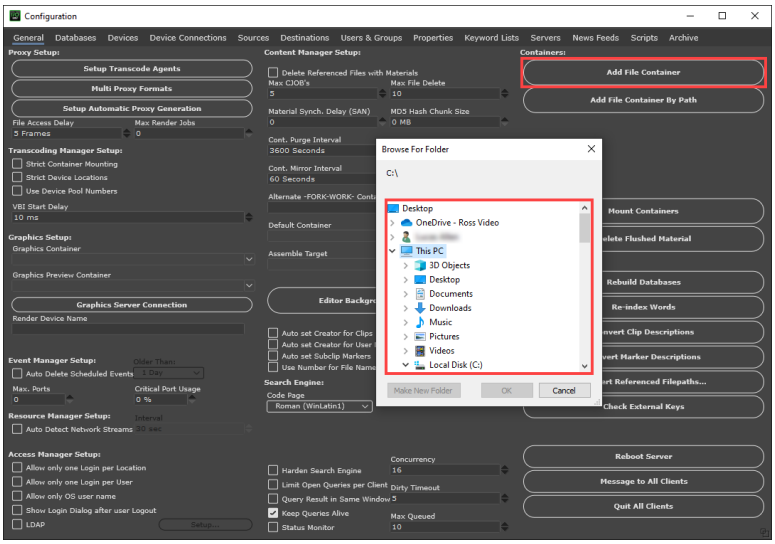
✶ **NOTE:** For more information and for assistance with setting up bins, contact Ross Video Technical Support.

Adding new Workflow Server containers

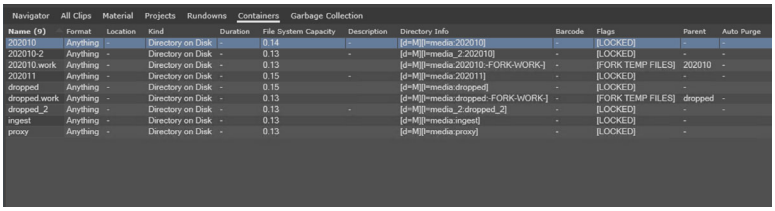
1. On the top menu bar, navigate to **Modules** > **Configuration**.



2. On the **Configuration** menu bar, click **General**.
3. On the General page, under **Containers**, click **Add File Container** to open the **Browse For Folder** window.
4. Select the file container folder location to allow the Workflow Server to have access to these files. It adds Workflow Server Containers, and the Task Agent syncs the URL path from the database.



5. On the Workflow Server menu, select **Modules**, then select **Content Navigator**. The **Content Navigator** window opens.
6. On the **Content Navigator** window, click **Containers** to check the list of saved containers accessible to the Workflow Server.

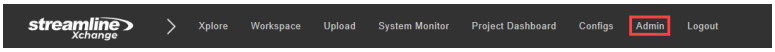


Setting up Volume Name for Mac Clients

Having the Volume Name set up allows Mac Clients to have access to the Streamline Xchange database and Workflow Server, and import media.

Streamline Xchange Suite

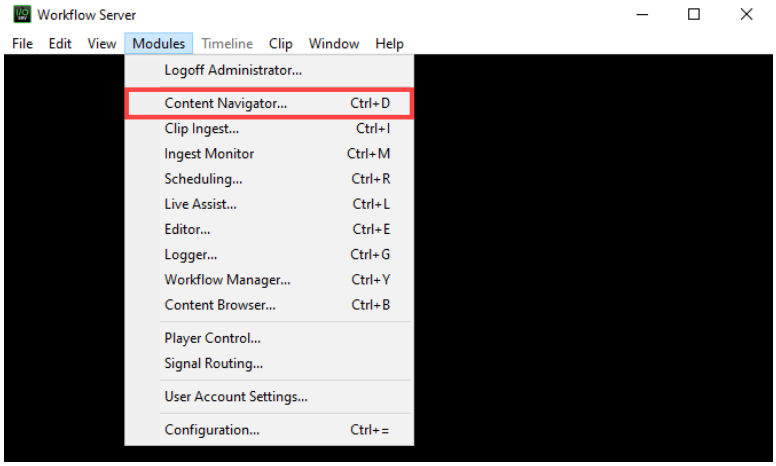
1. Log into Streamline Xchange with the root admin account.
2. From the menu bar, click **Admin**.



3. On the **Admin Module**, click **Configs**.
4. Under **Configs**, click **Config Setter**. Then on the search bar, enter "**`Unix`**" and/or "**`VolumeName`**" and enter the unix path.

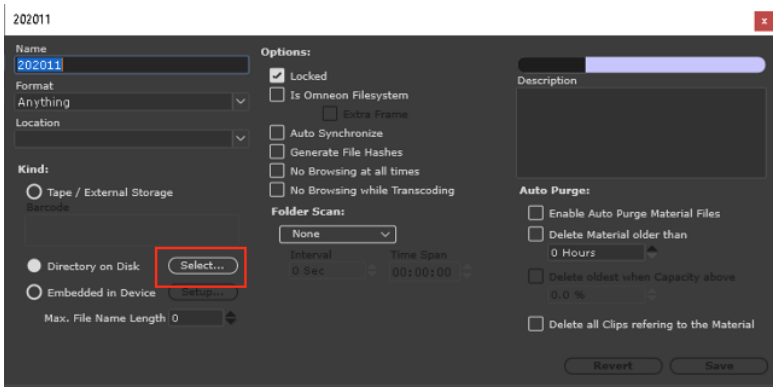
Workflow Server

1. On the **Workflow Server** menu, select **Modules**, then select **Content Navigator**.

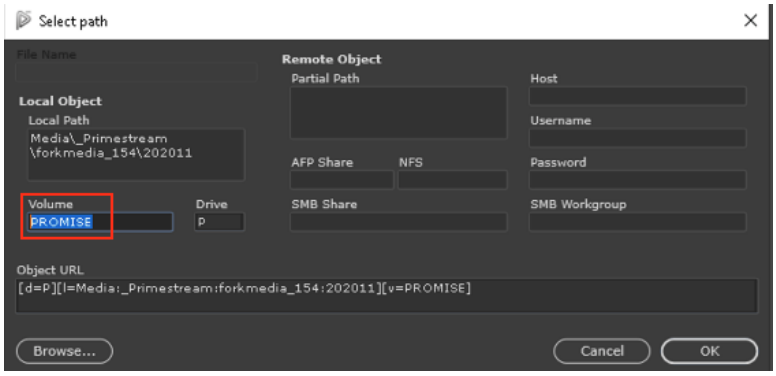


2. On the **Content Navigator** window, click **Containers** to check the list of saved containers accessible to the **Workflow Server**.

3. Double-click on a container to view container settings. Inside container settings, click **Select** to open up the config path.

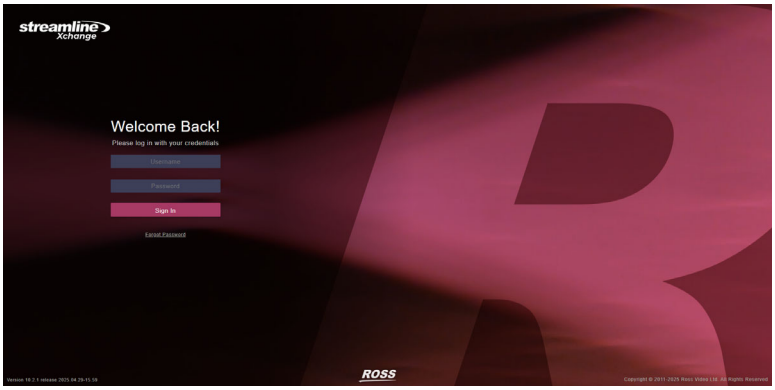


4. On the **Select Path** page, under **Volume**, enter the **VolumeName** and click **OK** to save it.

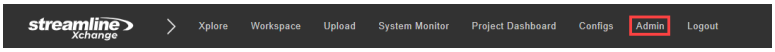


Adding the Workflow Server as an External Client in the Streamline Xchange Database

1. Open Streamline Xchange and enter the root admin login credentials.



2. From the menu bar, click **Admin**.



3. Select **Configs** > **Config Setter**. In the **Filter Configs** search bar, enter **`RENDER_SETTINGS`**.
4. Copy the JSON text from the **RENDER_SETTINGS** box, and paste it into a JSON formatter.
5. In the JSON formatter, navigate to the VIDEO_RENDER section of the JSON snippet and add the following:

   `"attachFork": "1",`

6. Copy the modified JSON snippet back into the **RENDER_SETTINGS** box, replacing the original snippet, and click **Save Configs**.
7. In the Filter Configs search bar, enter **`FORK_CONTAINERS`**.
8. Copy the JSON text from the **FORK_CONTAINERS** box, and paste it into a JSON formatter.
9. Ensure that the number at the top of the snippet matches the number of the Workflow Server. In the screenshot below, it is **`"1"`**.
10. Modify the directory on the **"forkmedia"** line under the **"default"** section to match the media directory for Workflow Server and Streamline Xchange, including the **xchangemedia** folder.

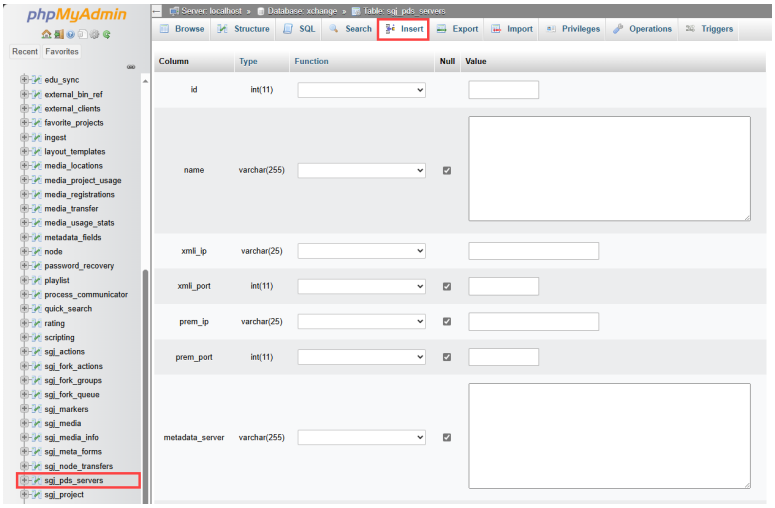
11. In the **“default”** section, add the following:

    ```
    "containerName": "dropped"
    ```

12. Copy the modified JSON snippet and paste it into the **FORK_CONTAINERS** box, replacing the original snippet, and click **Save Configs**.

13. Open phpMyAdmin and log in using the root administrator account.

14. Navigate to **xchange** > **sgj_pds_servers**. Select **Insert**.



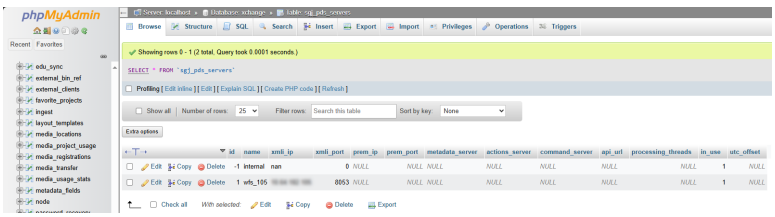
15. Enter the following information in each corresponding **Value** box:

    - **id:** `1`
    - **name:** `wfs_105`
    - **xmli_ip:** `[Enter the IP of the machine.]`
    - **xmli_port:** `8053`
    - **in_use:** `1`

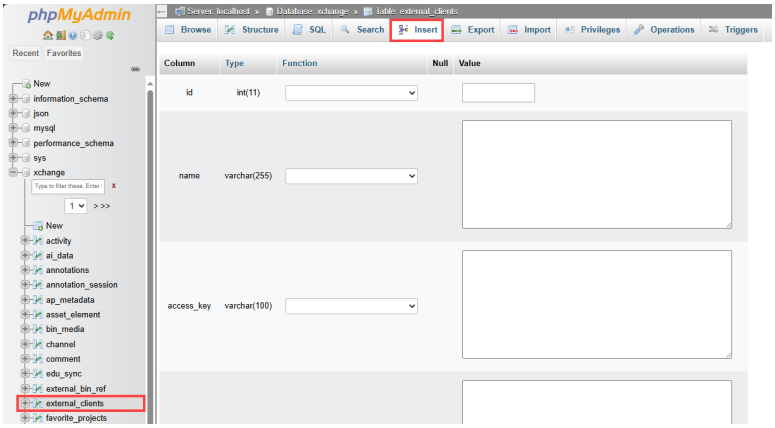
✶ **NOTE:** Ensure that the **Null** boxes are not checked for the values that are entered.

16. Click the **Go** button.

    The Workflow Server is now registered under **sgj_pds_servers**.



17. Navigate back to **Database: xchange**, and select **external_clients**. Select **Insert**.



18. Enter the following information in each corresponding **Value** box:

    - **id:** `1`
    - **name:** `wfs_105`
    - **access_key:** `apiKey`
    - **secret:** `secret`

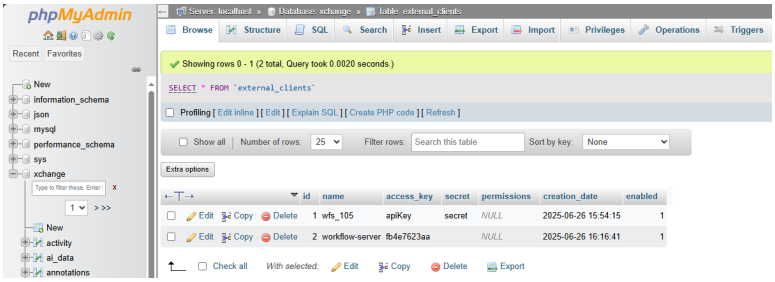
✶ **NOTE:** Ensure that the **Null** boxes are not checked for the values that are entered.

19. Click the **Go** button.

20. Navigate back to **Browse**, then click **Insert**. Enter the following information in each corresponding **Value** box:

    - **id:** `2`
    - **name:** `workflow-server`
    - **access_key:** `fb4e7623aa`

21. Click the **Go** button. Navigate back to the **Browse** tab to confirm the information is correct.



22. Log out of phpMyAdmin.

    The Workflow Server and Streamline Xchange can now communicate.

✶ **NOTE:** Contact Ross Video Technical Support if you encounter any issues related to connecting the Workflow Server and Streamline Xchange.

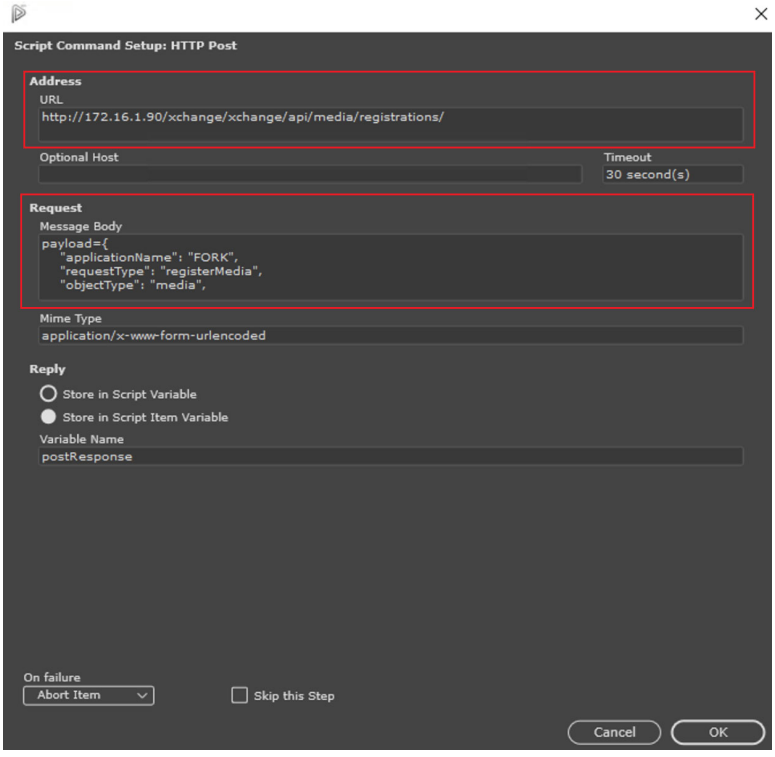
Registering Media from Workflow Server to Streamline Xchange via Scripting

After attaching Streamline Xchange to Workflow server, you can register media from Workflow Server to Streamline Xchange. To do this, import the attached JSON format code below into your Workflow Server scripting tab.


```
{
	"name": "XCH01 - Publish Clips to Xchange",
	"description": "Script to send asset to Xchange",
	"triggers":
		[
			{
				"eventID": "00000000",
				"event": "Drop",
				"objectType": "Bin",
				"objectTypeID": "7062696E",
				"objectName": "videoWatchFolder",
				"disabled": false
			},
			{
				"eventID": "00000000",
				"event": "Drop",
				"objectType": "Bin",
				"objectTypeID": "7062696E",
				"objectName": "AMEProfile",
				"disabled": false
			},
			{
				"eventID": "00000007",
				"event": "Ingest Stop",
				"objectType": "Destination",
				"objectTypeID": "64657374",
				"objectName": "Shared Storage",
				"disabled": false
			},
			{
				"eventID": "00000000",
				"event": "Drop",
				"objectType": "Destination",
				"objectTypeID": "64657374",
				"objectName": "Register Clip(s) to Xchange",
				"disabled": false
			}
		],
	"commands":
		[
			{
				"recID": "D1D4859E",
				"parent": "00000000",
				"order": 1,
				"commandID": "0000002D",
				"command": "Control Progress Window",
				"settings":
					{
						"skipCommand": false,
						"onFailure": 1,
						"summary": "Never show progress window,
not for messages",
						"timeoutSeconds": 0,
						"forever": true,
						"notForMessages": true
					}
			},
```


After importing the scripts, go to Workflow Server **Script Command Setup: HTTP Post** and edit the API URL to include the necessary file path. Copy and paste the attached API payload below under **Request**.

```
payload={
    "applicationName": "FORK",
    "requestType": "registerMedia",
    "objectType": "media",
    "recordId": "%scriptVar,'clipid'%",
    "parentRecordId": "null",
    "pdsId": "1",
    "pdsName": "wfs01",
    "project_bin_id": "%scriptVar,'binid'%",
    "creator": "administrator",
    "name": "%scriptVar,'NameNew'%",
    "forkFilePath": "%scriptVar,'forkFilePath'%",
    "forkFilePathIsUnix": "0",
    "forkVolume": "/Volumes/MEDIA",
    "forkDriveLetter": "M",
    "renderWithForkFile": true,
    "timecodeIn": "00: 00: 00: 00",
    "createdTime": "%scriptItemVar,'Date'%",
    "createdTimeOffset": "+4",
    "metadata": {
        "tcstart": "%scriptVar,'startTime'%",
        "Category": "%scriptItemVar,'Category'%",
        "AMEupload": "%scriptItemVar,'AMEupload'%"
    }
```



Adding a New Render Profile with the Workflow Server Container

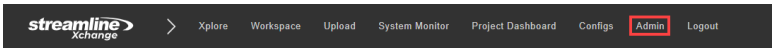
This chapter discusses the following topic:

- Adding a new Render Profile

Adding a new Render Profile

To add a new render profile

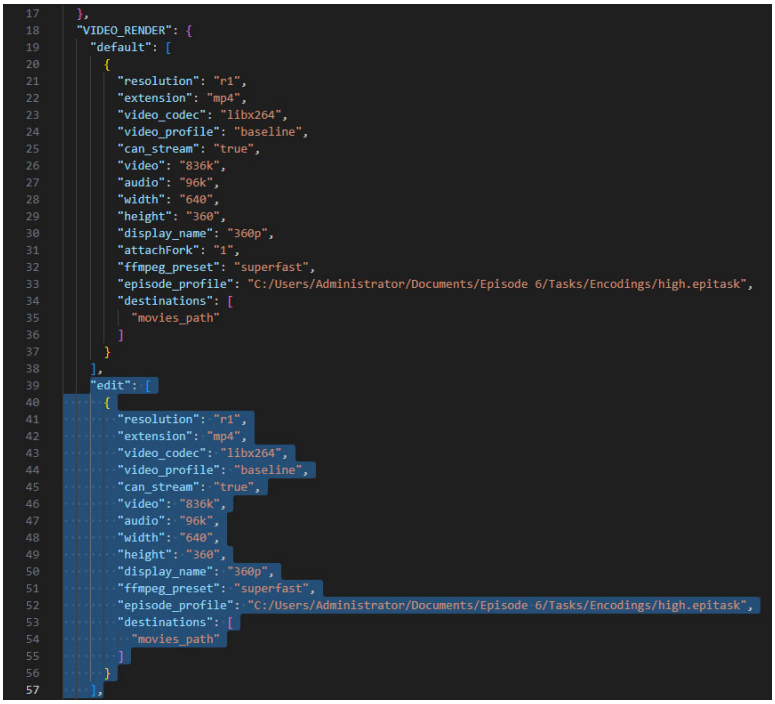
1. Log in to Streamline Xchange via the root admin account. From the menu bar, click **Admin**.



2. On the Admin module, click **Configs**.
3. Under **Configs**, click **Config Setter**. Then on the search bar, enter **`FORK_CONTAINERS`**.
4. Copy the text from the box into a JSON formatter.
5. Add a new profile in the **FORK_CONTAINERS** variable, as shown in the image below.

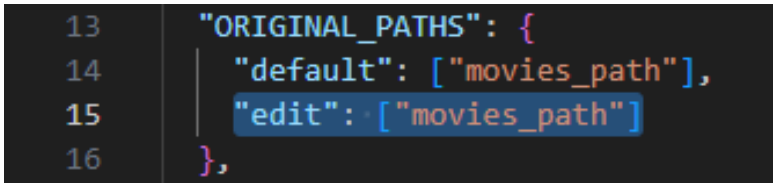
```
{
  "1": {
    "default": {
      "forkmedia": "X:/forkmedia/dropped/",
      "forkIsUnix": "0",
      "rootUnixPath": "/Volumes/VolumeName/forkmedia/",
      "rootWindowsPath": "X:/forkmedia/",
      "containerName": "dropped"
    },
    "edit": {
      "forkmedia": "X:/forkmedia/edit/",
      "forkIsUnix": "1",
      "rootUnixPath": "/Volumes/Volumename/forkmedia/edit",
      "rootWindowsPath": "X:/forkmedia/edit"
    },
```

6. Copy the modified JSON text back into the **FORK_CONTAINERS** box, replacing the original snippet. Click **Save Configs**.
7. On the search bar in the **Config Setter**, enter **`RENDER_SETTINGS`**. Copy the text from the box into a JSON formatter.
8. Add a new profile in the **VIDEO_RENDER** section of the **RENDER_SETTINGS** variable.



```
},
"VIDEO_RENDER": {
  "default": [
    {
      "resolution": "r1",
      "extension": "mp4",
      "video_codec": "libx264",
      "video_profile": "baseline",
      "can_stream": "true",
      "video": "836k",
      "audio": "96k",
      "width": "640",
      "height": "360",
      "display_name": "360p",
      "attachFork": "1",
      "ffmpeg_preset": "superfast",
      "episode_profile": "C:/Users/Administrator/Documents/Episode 6/Tasks/Encodings/high.epitask",
      "destinations": [
        "movies_path"
      ]
    }
  ],
  "edit": [
    {
      "resolution": "r1",
      "extension": "mp4",
      "video_codec": "libx264",
      "video_profile": "baseline",
      "can_stream": "true",
      "video": "836k",
      "audio": "96k",
      "width": "640",
      "height": "360",
      "display_name": "360p",
      "ffmpeg_preset": "superfast",
      "episode_profile": "C:/Users/Administrator/Documents/Episode 6/Tasks/Encodings/high.epitask",
      "destinations": [
        "movies_path"
      ]
    }
  ],
```

9. Add a new profile in the **ORIGINAL_PATHS** section of the **RENDER_SETTINGS** variable.



10. Copy the modified JSON text back into the **RENDER_SETTINGS** box, replacing the original snippet. Click **Save Configs**.
11. Restart the Workflow kit or renderkit job.
12. Click the **Configs** module, then click **Groups**. Under the **Groups** list, click a group, then click **Render Profiles**.
13. Enable the required render profile for the group.

Setting up Xchange Proxies for Playback in the Workflow Suite

This chapter describes how to set up Xchange proxies for playback in Workflow Suite.

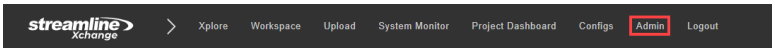
This chapter discusses the following topic:

- Setting up Xchange Proxies

Setting up Xchange Proxies

To set up Xchange proxies for playback

1. Login to Streamline Xchange via the root admin account. From the menu bar, click **Admin**.



2. On the Admin module, click **Configs**.
3. Under **Configs**, click **Config Setter**. Then on the search bar, enter **`FORK_CONTAINERS`**.
4. Copy the text from the FORK_CONTAINERS box into a JSON formatter.
5. Add the following information. Each fork entry should get a **`"containerName"`** property.

```
"1": {
  "default": {
    "forkmedia": "X:/forkmedia/dropped/",
    "forkIsUnix": "0",
    "rootUnixPath": "/Volumes/VolumeName/forkmedia/",
    "rootWindowsPath": "X:/forkmedia/",
    "containerName": "dropped"
  },
```

6. Copy the modified JSON text back into the **FORK_CONTAINERS** box, replacing the original snippet. Click **Save Configs**.
7. On the search bar, enter **`RENDER_SETTINGS`**.
8. Copy the text from the box into a JSON formatter. Add the following information. For each render setting proxy that should attach to fork, add **`"attachFork"`** at the end of each render profile setting.

```
"VIDEO_RENDER": {
  "default": [
    {
      "resolution": "r1",
      "extension": "mp4",
      "video_codec": "libx264",
      "video_profile": "baseline",
      "can_stream": "true",
      "video": "836k",
      "audio": "96k",
      "width": "640",
      "height": "360",
      "display_name": "360p",
      "attachFork": "1",
      "ffmpeg_preset": "superfast",
      "episode_profile": "C:/Users/Administrator/Documents/Episode 6/Tasks/Encodings/high.epitask",
      "destinations": [
        "movies_path"
      ]
    }
```

9. Copy the modified JSON text back into the **RENDER__SETTINGS** box, replacing the original snippet. Click **Save Configs**.

Configuration of Users

This chapter discusses the following topics:

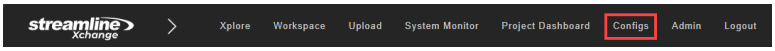
- Accessing the Configs Module
- Configs module user page
- Adding a User
- Viewing the User List
- Editing a User
- Deleting a User

Accessing the Configs Module

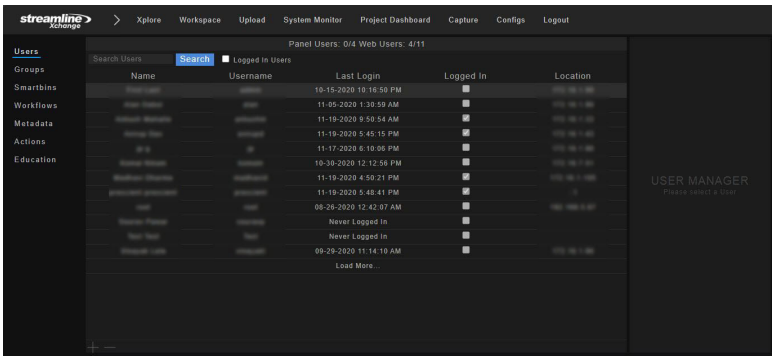
In Streamline Xchange, it is possible to create user profiles through an admin account, including the root admin account.

To access the Configs module

1. From the menu bar, click **Configs**.

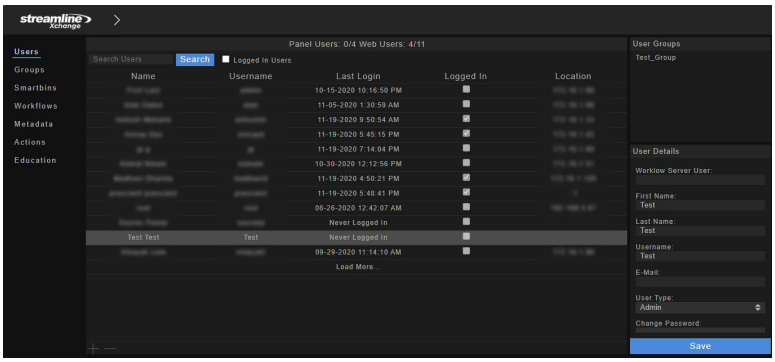


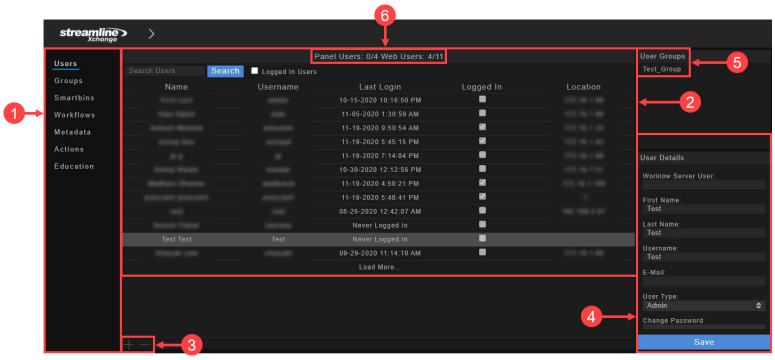
The **Configs** module section opens, displaying the following information.



The **Configs** module allows an Admin to create user profiles, edit existing user details, and delete user profiles. The **Configs** module also enables an Admin to grant specific rights to users, create separate groups as per tasks, and add user profiles to the respective groups.

Configs module user page



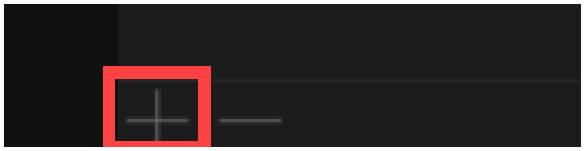


1. **Configs submodules:** This is a list of tools that allows the Admin to create, edit, or delete functionalities in Streamline Xchange.
2. **List of users in Xchange suite:** This is the list of all the users using Streamline Xchange.
3. **Add/Remove User:** This tool allows an Admin to add a new user or remove an existing user.
4. **User Details:** This section displays user details that are editable.
5. **User Groups:** This section displays the user group a particular user belongs to. To add a user to the user group, refer to the **"Configuration of Groups"** chapter of this Guide. Click on a user name to check its assigned user group.
6. **Licensing tab:** This displays the number of web users and users logged in through the Adobe panel.

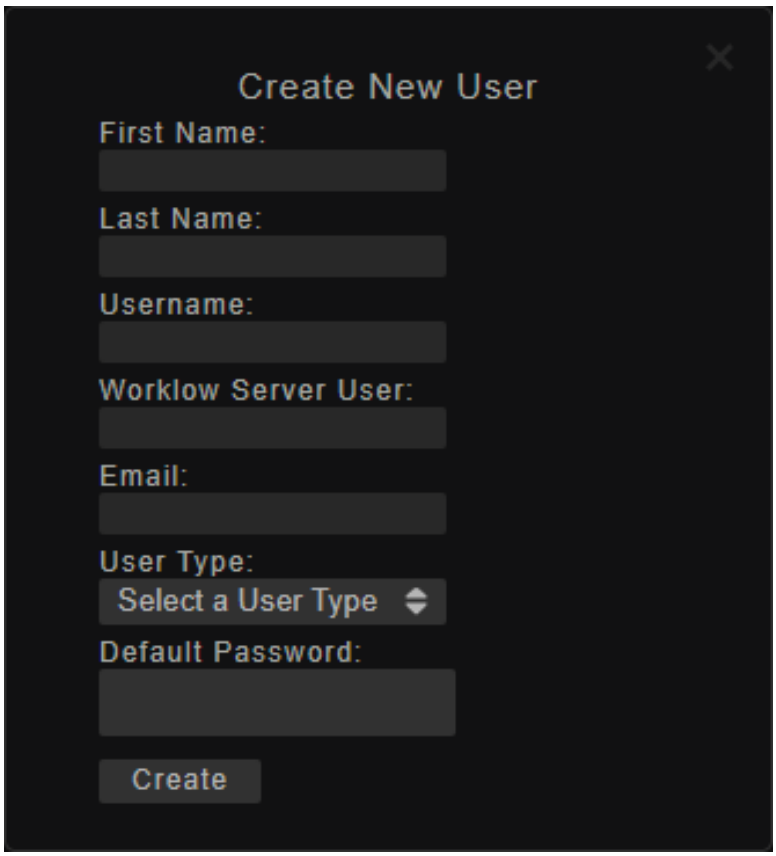
Adding a User

To add a user

1. On the **Configs** module section, under the user list, click '+' to open the **Create New User** page.

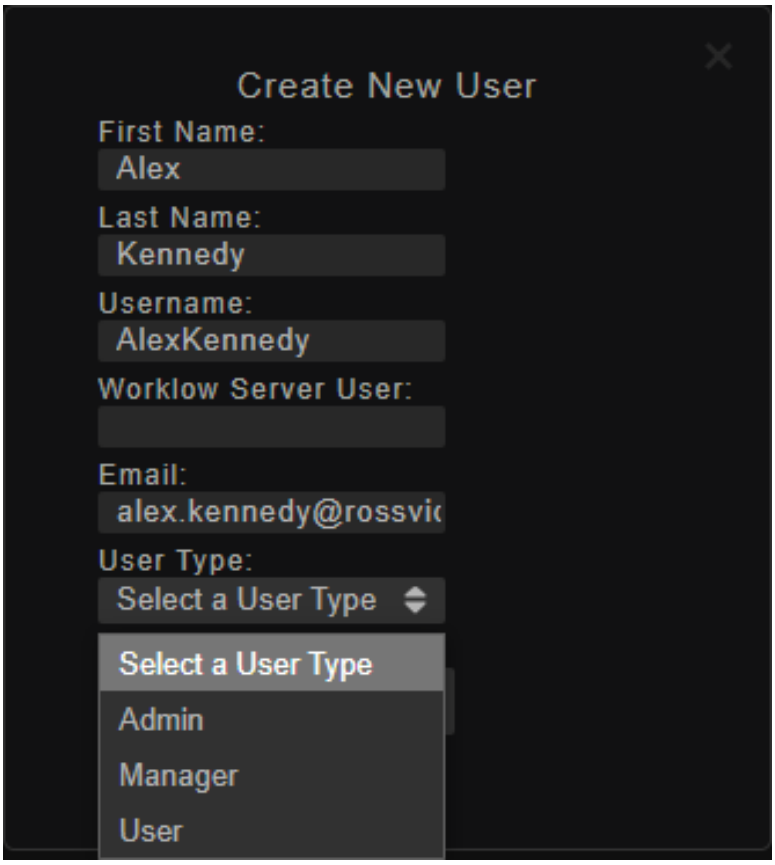


2. The **Create New User** page opens.



3. Fill in the new user information:
   - **First Name:** Enter the first name of the user.
   - **Last Name:** Enter the last name of the user.

- **Username:** Enter the required username.
- **Workflow Server User:** Enter the Workflow Server ID, if the user has the necessary setup to identify credentials coming from the local directory and be in-sync with each other.
- **Email:** Enter the user's email address if the user wants to receive email notifications.
- **User Type:** From the **User Type** dropdown, select the appropriate user type. The Admin, Manager, and User profiles have different access rights and privileges.
- **Default Password:** Enter the user's password.

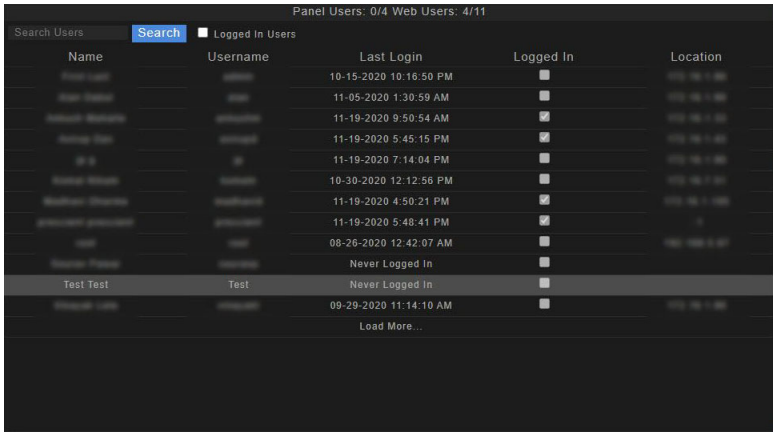


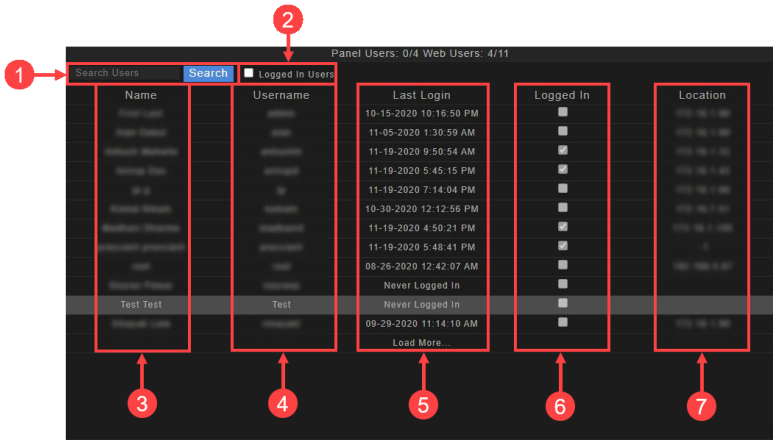
4. After entering the new user's information, click **Create**.

✶ **NOTE:** The Admin can either enter Workflow Server User information or go ahead with regular manual entry to create a login ID. Workflow Server Use and Email fields are optional.

The new user can now be seen in the user list.

Viewing the User List



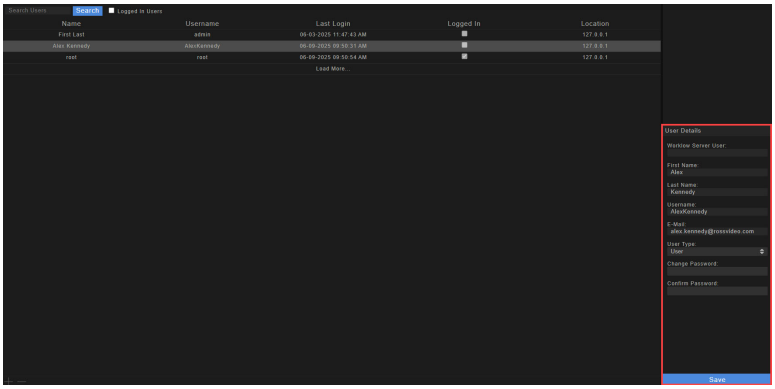


1. Search users by name.
2. Check **Logged In Users** to pull up currently online users.
3. User list by name.
4. List of usernames.
5. Check the last login time of users.
6. Check which users are logged in.
7. The users' IP address locations.

Editing a User

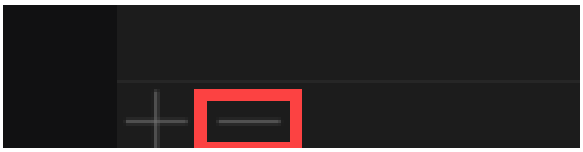
1. Click on a user to open the **User Details**.
2. In **User Details**, edit the information as required:
   - **Workflow Server User:** Enter the user's Workflow Server User ID.
   - **First Name:** Enter the first name of the user.
   - **Last Name:** Enter the last name of the user.
   - **Username:** Enter the required username for the user.
   - **Email:** Enter the user's email address.
   - **User Type:** Select the user type from the dropdown.
   - **Change/Confirm Password:** Change and confirm the user's new password.

3. Click **Save**.

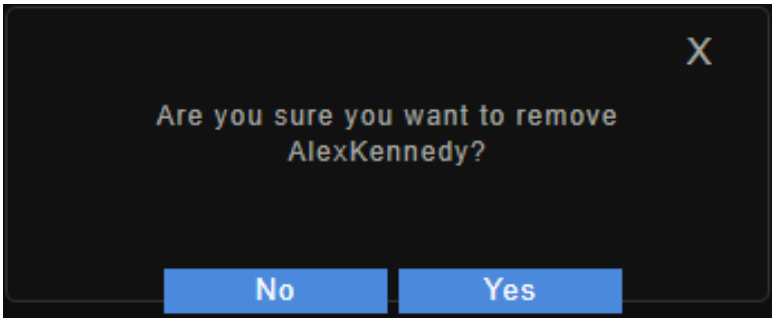


Deleting a User

1. Click on a user to select them. Once selected, on the Configs module section under the user list, click '-'.



2. When the prompt box opens, click **Yes** to delete the user.



Configuration of Groups

After creating a user profile, an Admin can add the user to groups. A group consists of a set of users with specific tasks and privileges. Every Streamline Xchange suite group is granted access rights by the Admin depending on their task requirements. The users can only have access to the permissions assigned to their respective groups. It is possible to create new groups, add user profiles, and delete groups through the root admin access or regular admin access. Admins can perform group configuration by going into the **Configs** module of the Streamline Xchange suite.

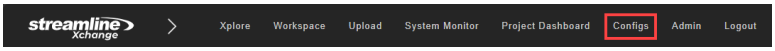
This chapter discusses the following topics:

- Accessing Groups
- Configs Module Group Page
- Adding a Group
- Editing a Group
- Deleting a Group
- Group Functionalities

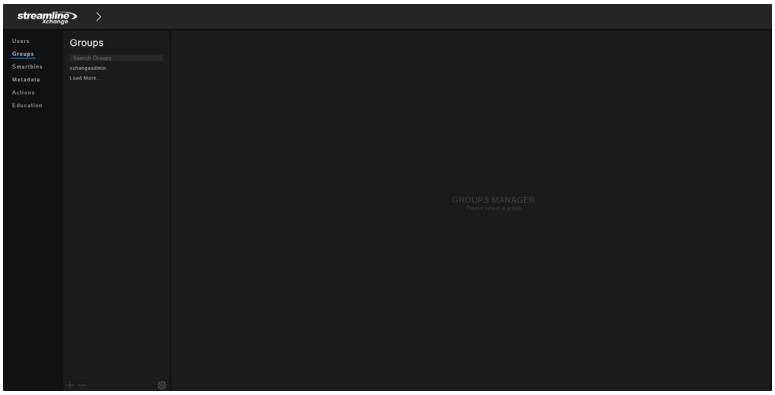
Accessing Groups

To access groups

1. From the menu bar, click **Configs**.



2. Once the **Configs** module section is displayed, from the list of submodules on the left, click **Groups**. The **Groups** section is displayed.

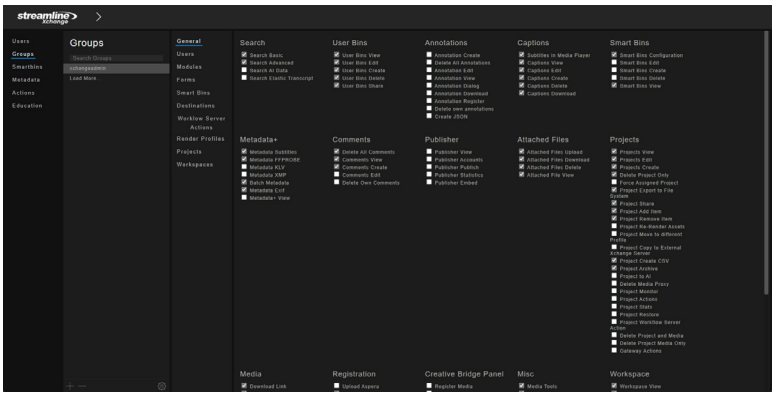


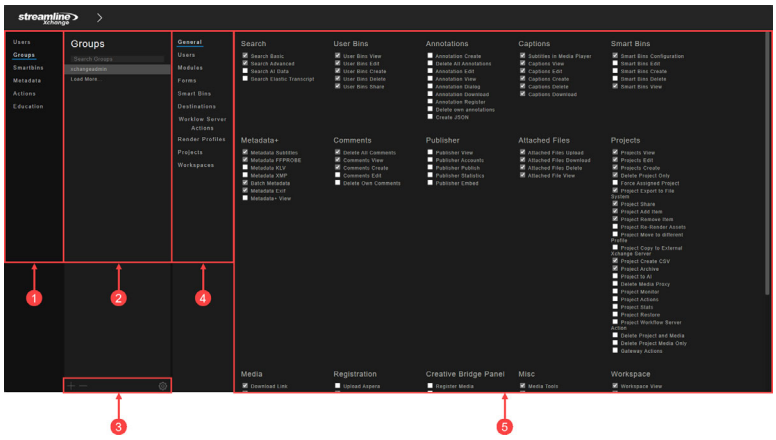
3. The functions a Streamline Xchange Admin can perform in the Groups section are as follows:

   - Create a group
   - Edit group information
   - Add or remove a user from a group
   - Grant specific permissions to a group

4. Users can check their respective groups by going to the **Users** section and clicking on a username.Users can also go to the **Groups** section and click on a group to check the list of users.

Configs Module Group Page

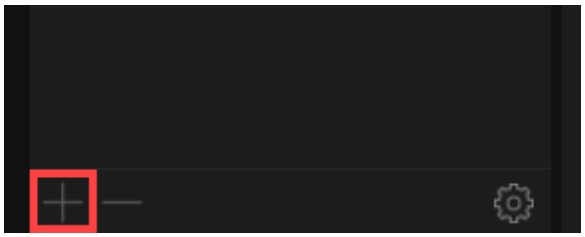




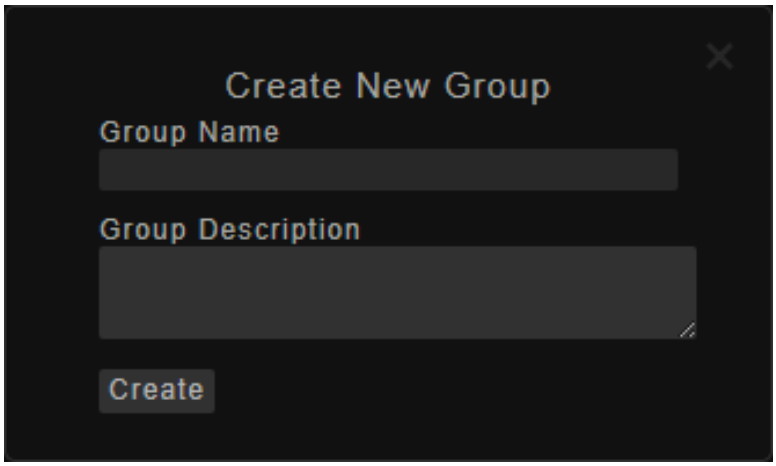
1. **Configs submodules list:** This is a list of tools that allows the Admin to create, edit, or delete functionalities in the Streamline Xchange suite.
2. **List of groups in Xchange suite:** This is the list of all the Streamline Xchange suite groups. Users can search for groups by entering the group name in the **Search Groups** box.
3. **Add/Edit/Delete Group:** This tool allows a new group to be added, a group to be edited, or for an existing group to be removed.
4. **Group functionalities:** This section displays the list of functionalities where an Admin can grant permissions or access rights to groups based on their tasks.
5. **List of permissions:** This section displays permissions that an admin can assign to a group.

Adding a Group

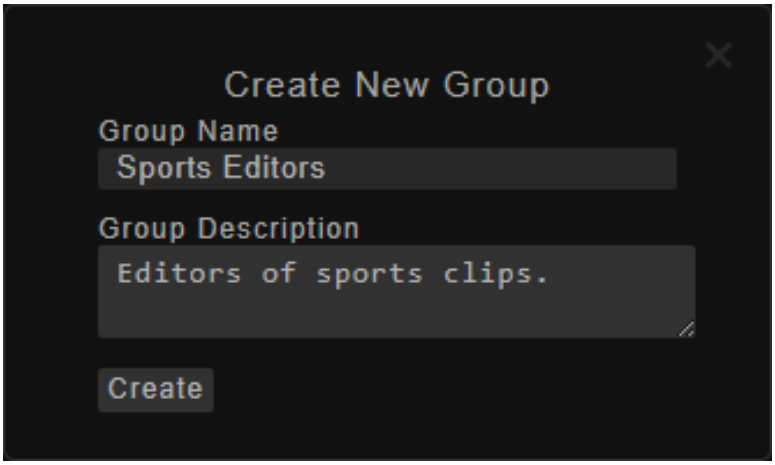
1. Under the **Groups** list, on the Configs module section, click '+'.



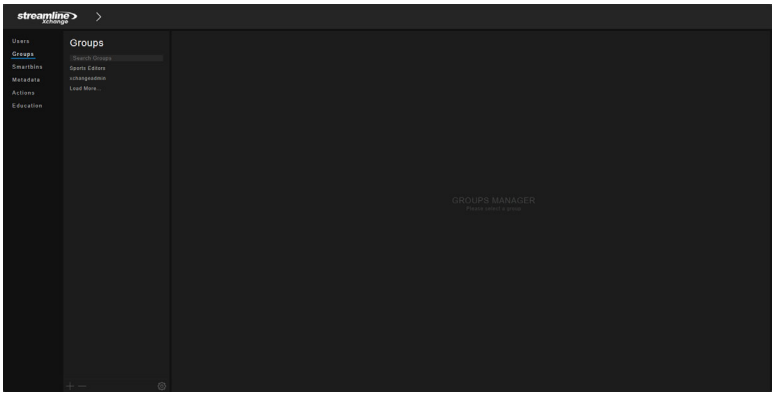
2. The **Create New Group** window opens.



3. Fill in the new group information:
   - **Group Name:** Enter the group name.
   - **Group Description:** Enter the group description.

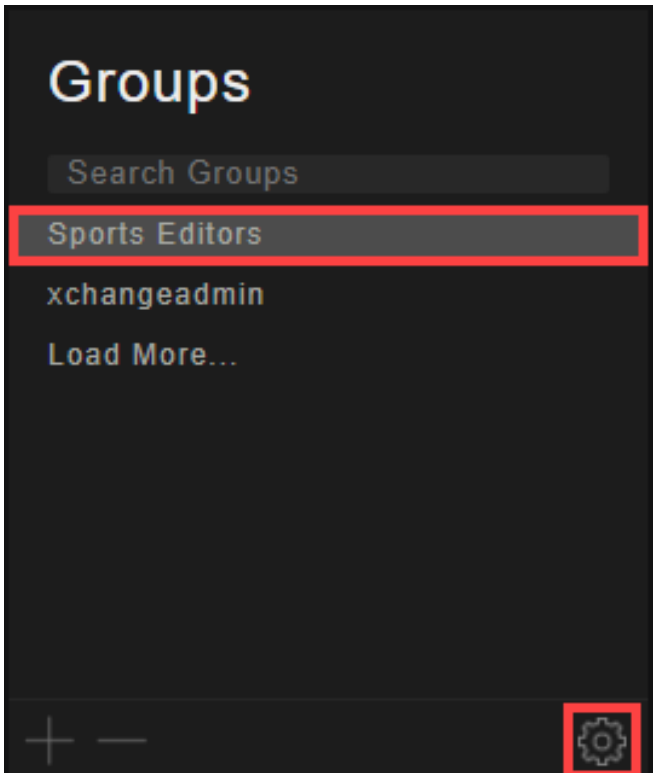


4. After entering the new group information, click **Create**.
5. Once created, the new group appears under the **Groups** list.

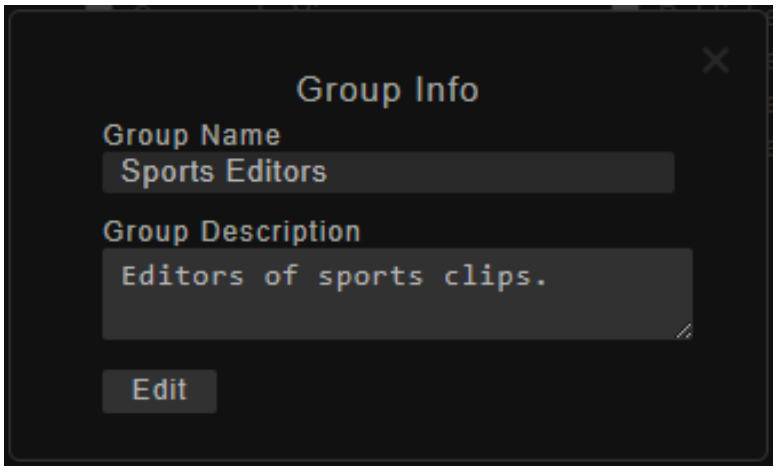


Editing a Group

1. Under the **Groups** list, select a group. Then click on the settings icon to open the **Group Info** page.

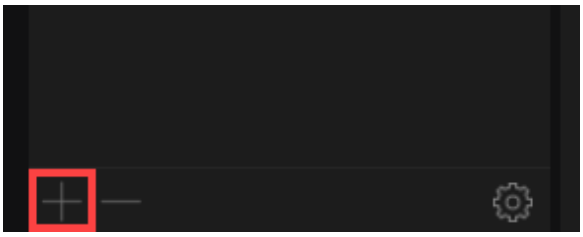


2. In **Group Info**, edit the group's information as required.
   - **Group Name:** Enter the group name.
   - **Group Description:** Enter the group description.
3. Click **Edit** to save the changes.

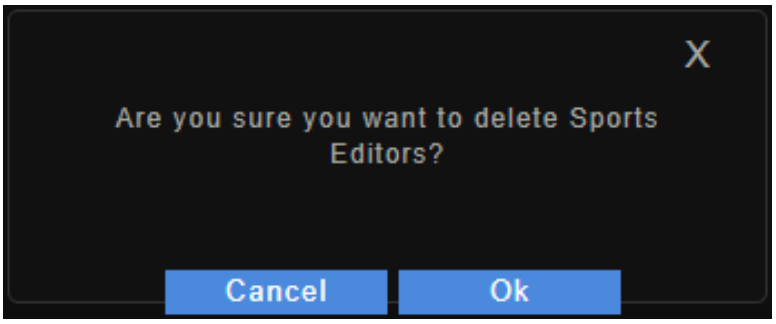


Deleting a Group

1. Click on a group to select it. Once selected, on the **Configs** module section, under the Groups list, click '-'.



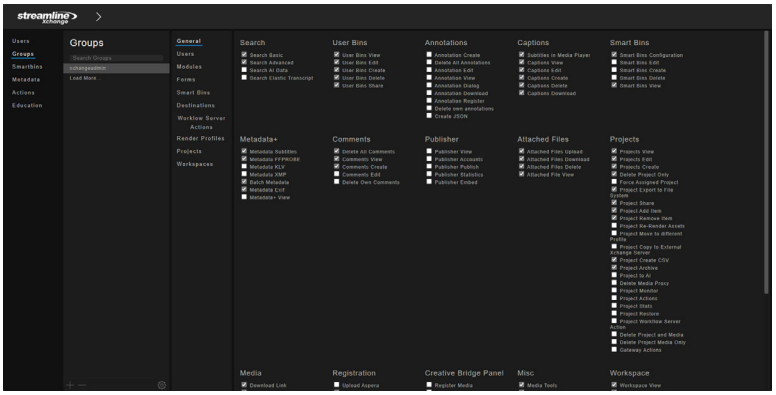
2. When the the prompt box opens, click **Ok** to delete the group.



Group Functionalities

The Streamline Xchange group section comes with a list of groups and related functionalities containing access rights/permissions/privileges. Admins can grant these access rights to groups depending on its user member's roles and responsibilities. Since the user can be part of one group or multiple groups, they will automatically gain any permissions the group has access to.

1. On the **Groups** list, click on a group. The list of functionalities appears.



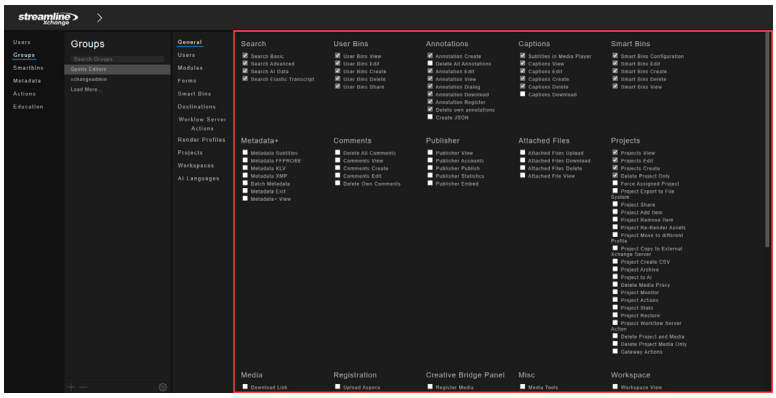
Every functionality comes with specific permissions and privileges granted by the Admin. Once assigned, the group's members can only access the list of rights given to their respective groups by the Admin. The user cannot carry out a task if it is not covered under the user's group's privileges. The Admin can grant or remove any permission from a group at any time.

General

The **General** functionality covers all the tools for a user to work on in the Xplore module of Streamline Xchange.

- To grant access, under the **Groups** list, click a group, then click **General**. This opens the **General** page.
- On the **General** page, select the tools needed to assign to the group.

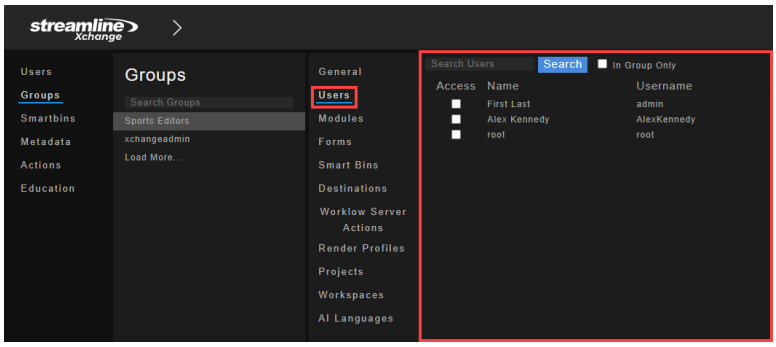
Now the group has permission to use the selected tools in the Streamline Xchange suite. The Admin can also clear boxes to remove any permission, making the group unable to use the tool.



Users

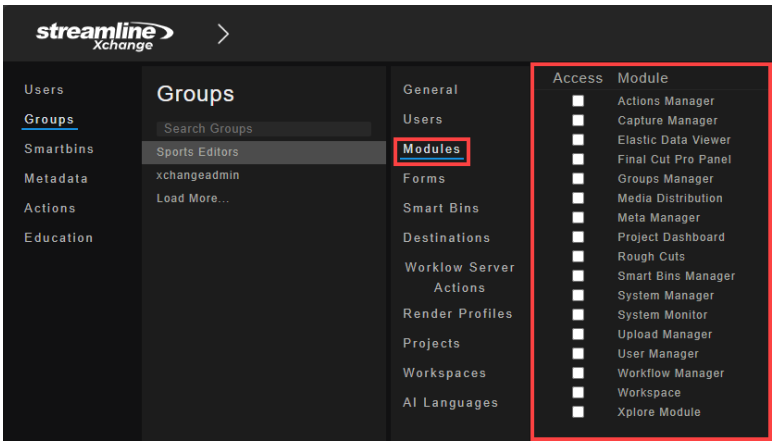
The **Users** functionality allows the following functions:

- See a list of user members: Under the **Groups** list, click to select a group, then click **Users**. It shows the full list of users along with user members of the selected group. A name can be entered in **Search Users** to find them by name.
- See only group members: To see only group members, select **In Group Only**.
- Add or remove members to a group: To add a new member to a group, select a member name. To remove a member, clear the checkbox selection of the member. You can always visit the **Users** section to check if the member is added or removed from a group.



Modules

The **Modules** functionality allows an Admin to grant a user permission to use specific modules. To grant permission, click to select a group and then click **Modules**. On the **Modules** page, select the checkboxes of modules to grant access to the group.



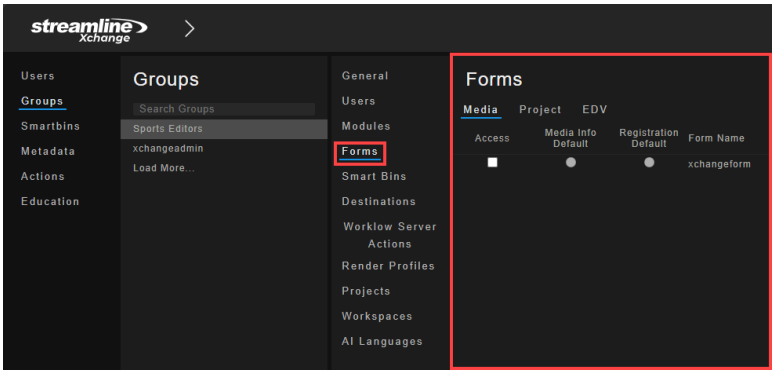
Forms

The **Forms** functionality allows an Admin to grant access to various metadata forms created in the **Metadata** section of the **Configs** module. Forms add specific details to different media assets and projects. When granted access, the group members can only view and select from the permitted forms and edit form details.

Media forms: Media forms display all the individual media asset details.

- To grant access, under the **Groups** list, click a group, then click **Forms**. It opens the **Forms** page.
- Click **Media**, and then select the Form Name(s) to grant access to the group.

Media Info displays the metadata details of a media asset. The Admin can grant access to all media forms but can only select one **Media Info** as default at a time. Choosing a **Media Info Default** form only allows the user to view the details related to the default form. The Admin can grant access to only one **Registration Default** at a time. It automatically puts all media assets in a particular project under the default registration form.



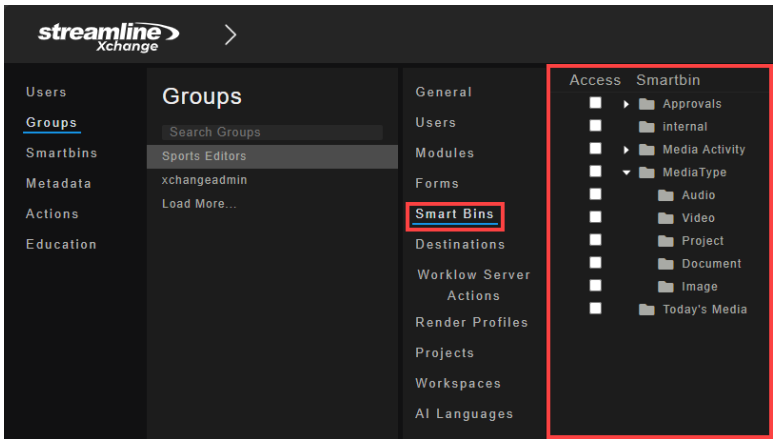
Project forms: Project forms display all the project related details.

- To grant access, under the **Groups** list, click a group, then click **Forms**. This opens the **Forms** page.
- Click **Project**, and then select the Form Name(s) to grant access to the group.

Different project forms allow access to a different set of tools for users to edit project details. Selecting a **Default** against a **Form Name** provides access to only the default project form tools.

Smart Bins

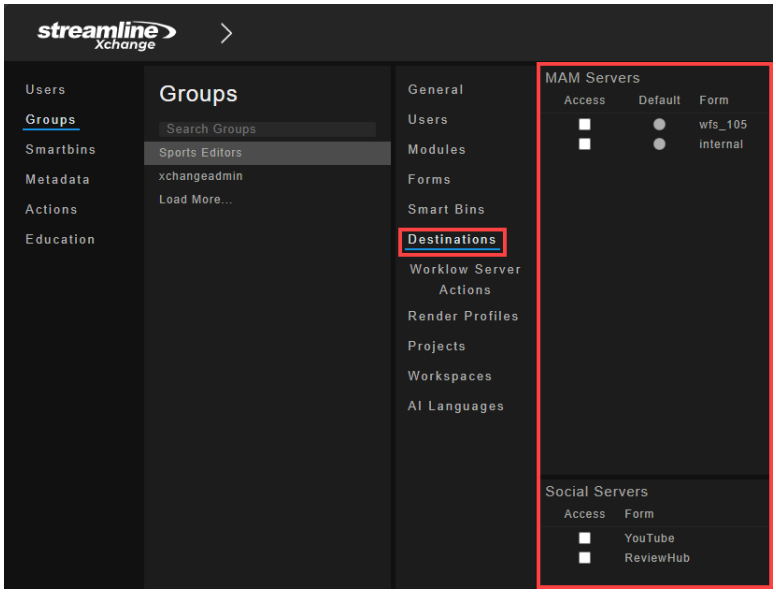
The **Smart Bins** functionality allows an Admin to grant access to various pre-determined or custom-made smart bins in the Streamline Xchange suite. Smart bins are created in the **Smartbins** section of the **Configs** module. Smart bins classify media assets according to their metadata. It allows easy filtering of all media assets on the Streamline Xchange suite. On the **Smart Bins** page, select the **Smartbin** checkboxes to grant access to the group.



Destinations

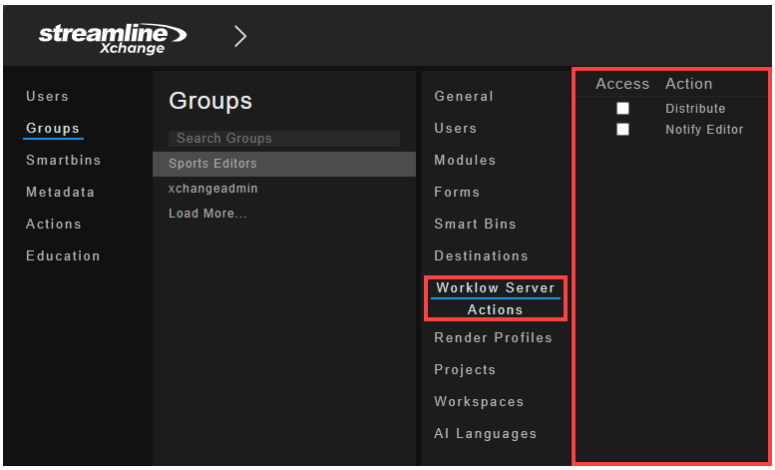
The **Destinations** functionality allows an Admin to grant access to other MAM Servers as well as Social Servers to a group. The groups with access to another MAM server can upload their work in Streamline Xchange, which then gets updated in the connected server automatically. There is also an option for an internal server if the group wants to keep their task only within the Streamline Xchange server. The Admin can grant access to all servers but can only keep one as the default server.

Social Servers contain a list of social networking platforms. The users with access to the social media platforms can upload their work on Streamline Xchange, which gets updated in the respective social media servers.



Workflow Server Actions

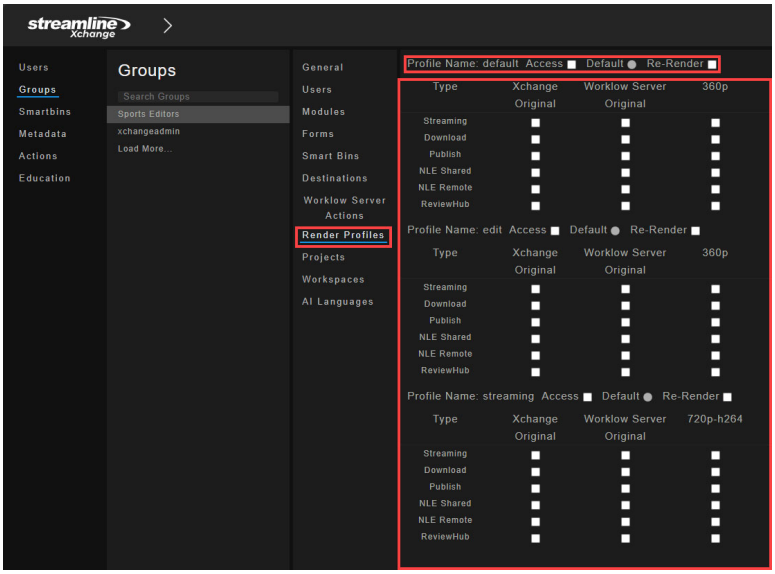
The **Workflow Server Actions** functionality contains all the automation of actions configured within the workflow server. Actions are created in the **Actions** section of the **Configs** module. The Admin can select a specific or all **Action** which grants permission to access.



Render Profiles

The **Render Profiles** functionality allows an Admin to grant rights to different render profiles in the Streamline Xchange suite. Render profiles are created in **Render_Settings** under the Configs Setter. Render profile settings create videos of multiple resolutions with different proxies. Streamline Xchange can have multiple render profiles. The Admin can provide access to single or numerous render profiles but can only select one as the default setting. The Admin can also grant permission to re-render the feature. The user can choose a render profile while uploading video and selecting the permitted render resolutions while performing different videos on videos.

- To grant access to render profiles, click to select a group, then click **Render Profiles**. Then select **access** to provide access to the specific render profile.
- Select **Default** to grant default render profile rights to the selected group.
- Select **Re-Render** to grant access to the re-rendering feature to the selected group.
- The Admin can grant render resolution access to groups for performing tasks. It enables groups to select their choice of video resolution while streaming, downloading, publishing videos, or sending videos to **ReviewHub**.

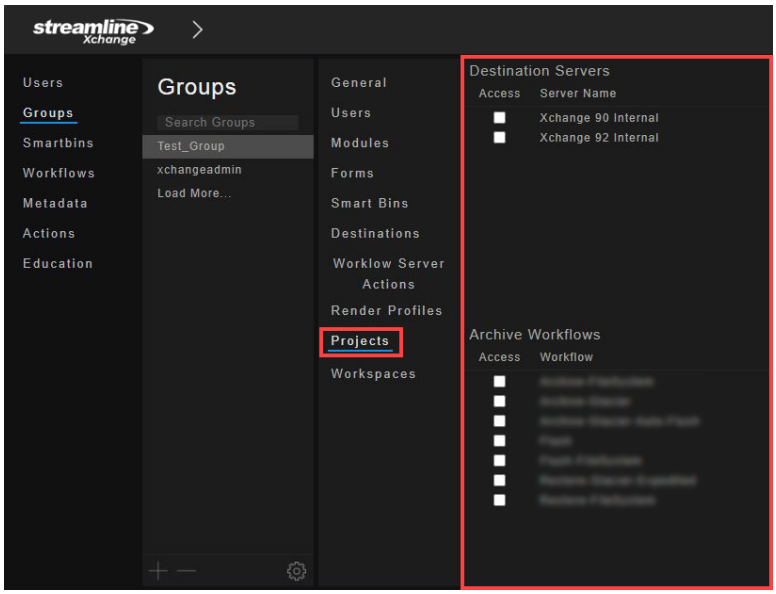


✶ **NOTE:** The Admin can only set a render profile to **Default** after selecting **access**.

Projects

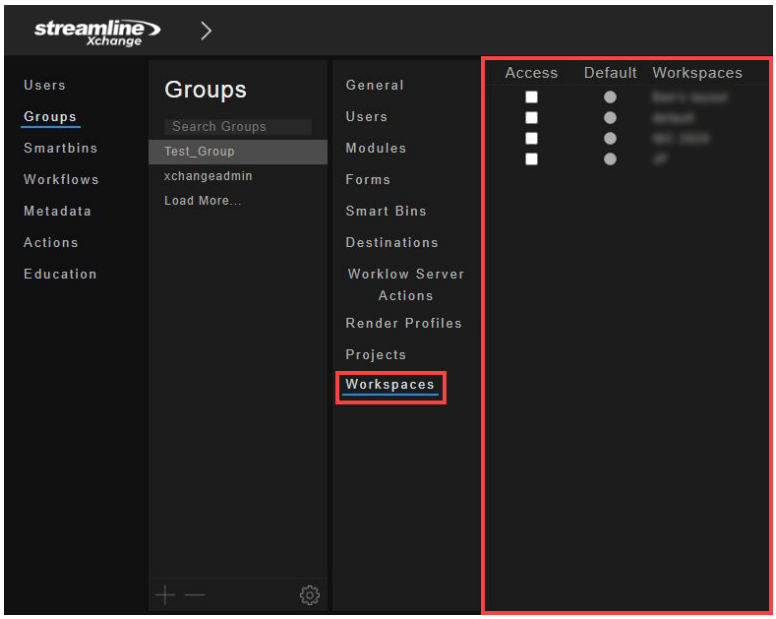
The **Projects** functionality allows for the following:

- **Destination Servers:** Admins provide access to various Streamline Xchange servers, allowing groups to transfer projects from one Streamline Xchange database to another.
- **Archive Workflows:** Archive permissions allow groups to put different workflow assets into the archive folder.



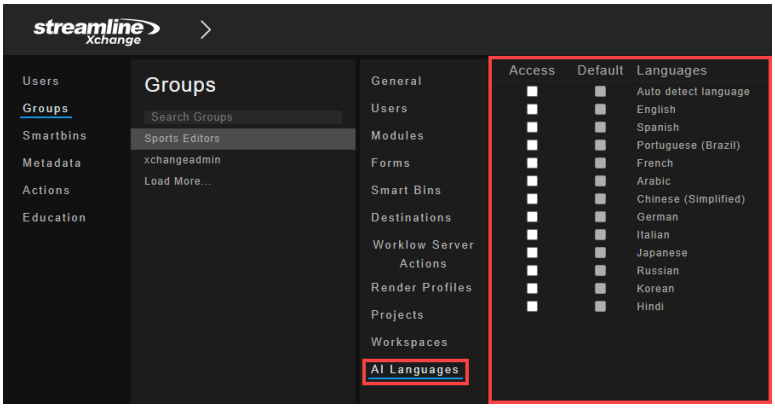
Workspaces

The **Workspaces** functionality allows an Admin to grant rights to personalized workspaces created in the Workspace module of Streamline Xchange. Admins can grant access to these workspaces and set a default workspace for a group.



AI Languages

The **AI Languages** functionality allows for granting rights to languages used for AI transcription. The Admin can set a default language for automatic transcription of clips. The **Auto detect language** option automatically detects the language used in a video clip.



Installing the Streamline Xchange Adobe Panel - Windows

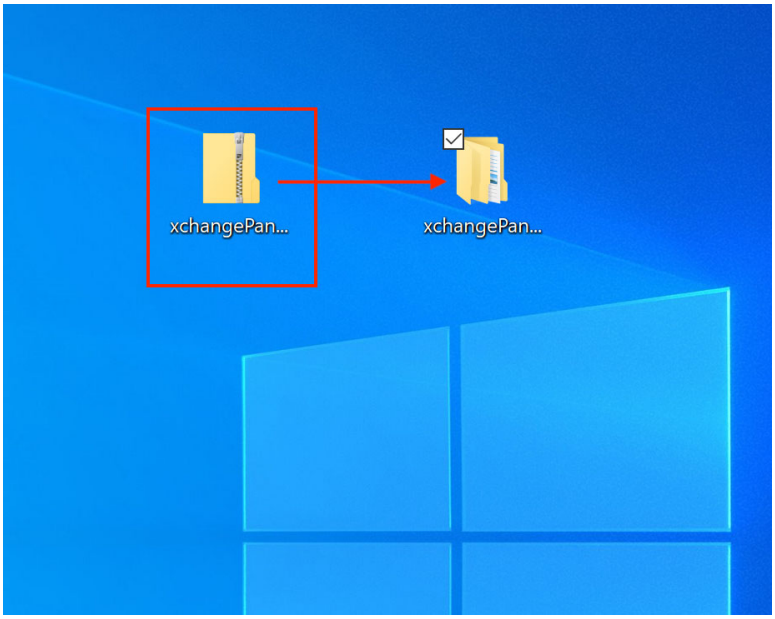
This chapter discusses the following topic:

- Installing the Streamline Xchange Adobe Panel in Windows

Installing the Streamline Xchange Adobe Panel in Windows

To install the Streamline Xchange Adobe Panel for Windows

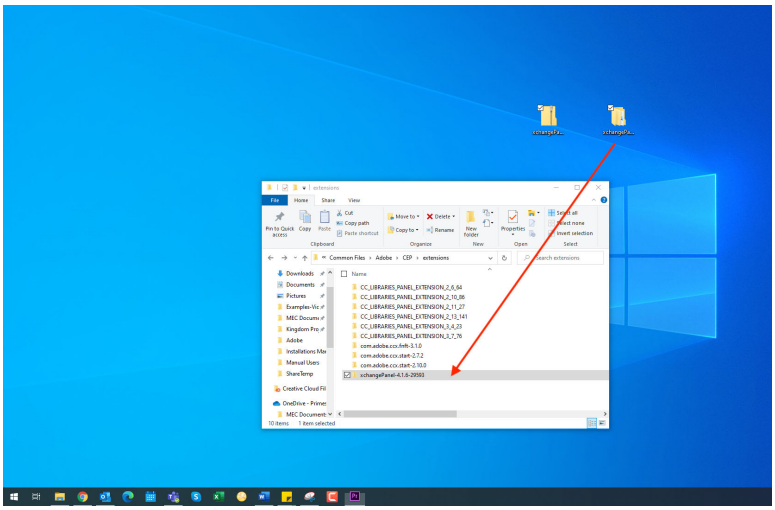
1. To extract the Streamline Xchange Panel folder, right-click the provided **XchangePanel** zip folder and click Extract All. Select a preferred location for the folder and click Extract.



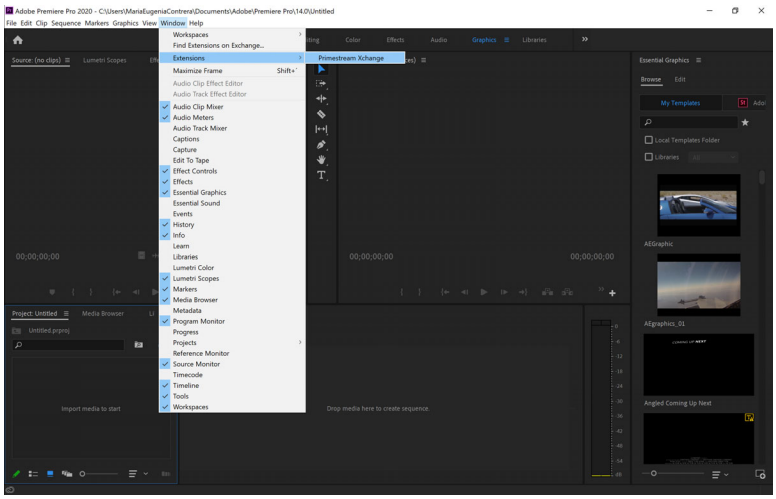
2. Go to the following directory to find the Adobe extensions folder:

   `C:\Program Files(x86)\Common Files\Adobe\CEP\extensions`

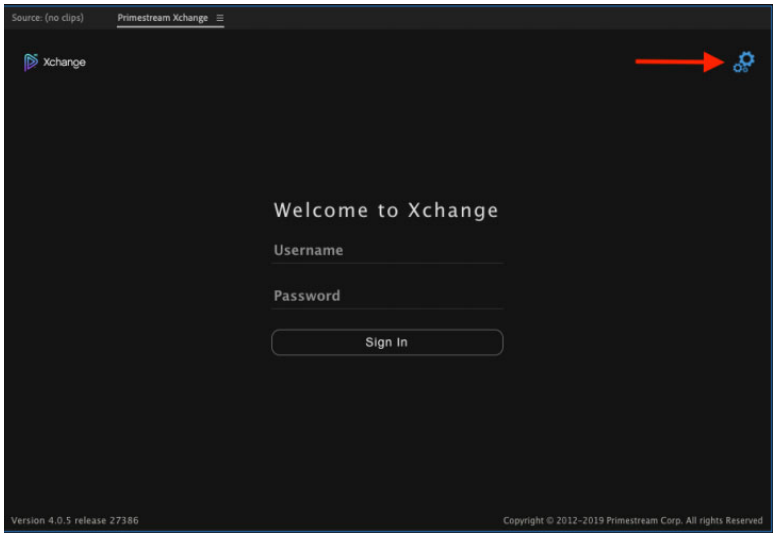
   Drag the **XchangePanel** folder and drop it inside the Adobe extensions folder.



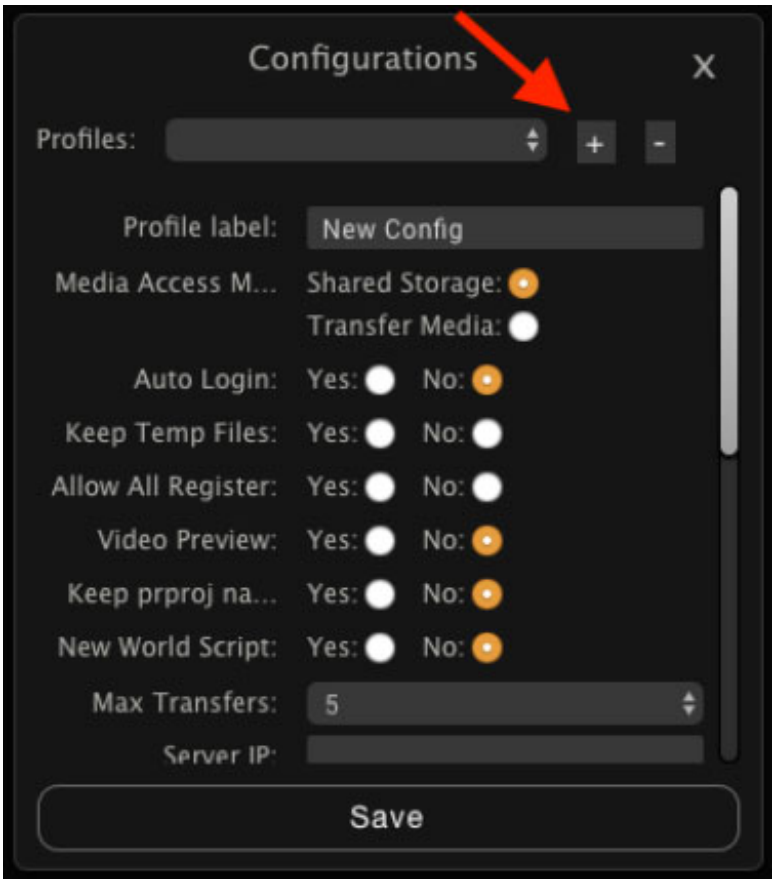
3. Launch the Adobe application. On the menu bar, under Window, select **Extensions**, and then click **Primestream Xchange**.



4. On the Streamline Xchange launch window, click the **settings/gear** icon on the screen's top right corner.



5. On **Configurations**, beside the **Profiles** drop-down list, click '+'.



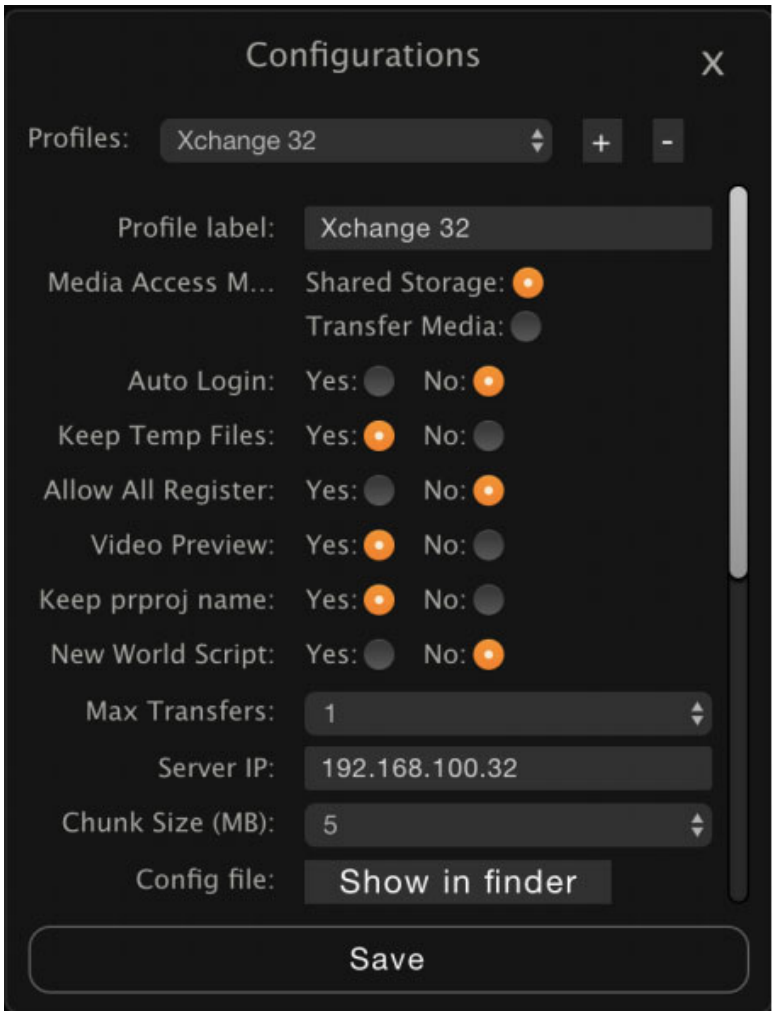
6. Fill in the new configuration information and select options based on requirements:

   - **Profile label:** Enter a new profile name, that is 'Xchange 54' (last octet of the IP to Xchange).
   - **Media Access Method:** Select the media access method as per requirement:
     - › Select **Shared Storage** if the storage is connected to the edit machine, and you wish to work with the files directly on the storage.
     - › Select **Transfer Media** if the storage is not connected to the edit machine and/or you wish to download the media on the local machine.
   - **Auto Login:** Select **Yes** to enable Auto Login or select **No** to disable it.
   - **Keep Temp Files:** Select **Yes** to enable Keep Temp Files or select **No**.

✶ **NOTE:** xmls created on import are saved in the **`Media/**Date**/`** folder.

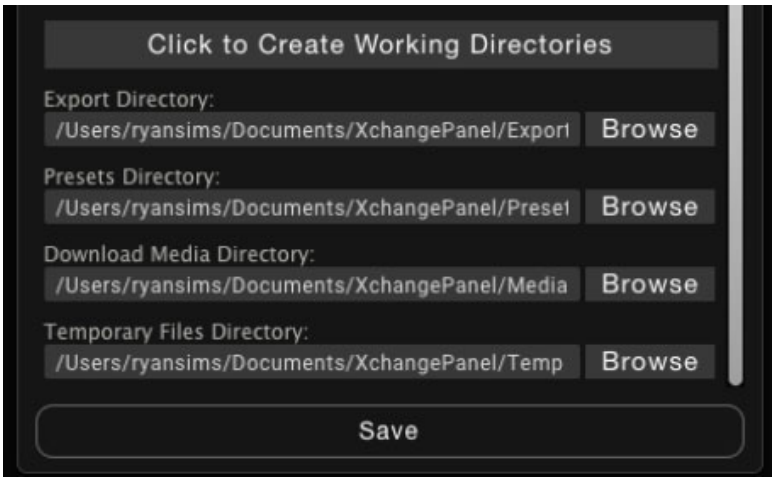
   - **Allow All Register:** Select **Yes** to enable Allow All Register. It shows all Premiere Project assets as available to be registered when selecting Register Media to Xchange. Select **No** to disable Allow All Register. This only shows the Premiere Project assets that are not registered to Xchange as available to be registered when selecting Register Media to Xchange.
   - **Video Preview:** Select **Yes** to enable Video Preview. It allows you to scrub in the thumbnail of a clip and scrub the video quickly. Select **No** to disable Video Preview.
   - **Keep prproj name:** Select **Yes** enable Keep prproj name. When importing a Premiere Project into Premiere, it downloads the prproj to the local machine. It renames it to the name of the asset in Xchange so that when imported into Premiere, the project name matches the asset name in Xchange. Select **No** to disable.
   - **New World Script:** Select **Yes** to enable New World Script (new API code in Premiere) or select **No**.
   - **Max Transfers:** From the drop-down, set the maximum concurrent transfers as per requirement. It is best to start with 1 and then go ahead from there.
   - **Server IP:** Set the Server IP address of the Xchange Database (Head).

- **Chunk Size (MB):** From the drop-down, select the required Chunk size. Chunk sizes come in MB. It is the chunk size for writing/copying files to the storage. Select 5MB unless otherwise desired.
- **Config file:** On Config file setting, click **Show in finder** that opens a Finder window to show the config file location so that you can copy and paste it to other machines.



- **Xchange Import Directory:** Enter the XchangeTemp Directory to point to the **`/xchangetemp/`** directory in your storage.

- **Click to Create Working Directories:** Click **Click to Create Working Directories** and select the local **User Documents** folder. The Streamline Xchange Panel will create a new folder called **XchangePanel** and create all of the working directories in that folder.
  - › **Presets Directory** - To point the XchangePanel at a directory on the shared storage to access the Adobe Export Presets, modify the Presets Directory config to point at the shared storage location.
- Click **Save**.



- Close Streamline Xchange Extension in Premiere.
- Put export presets (.epr) in the **`Documents/XchangePanel/Presets`** folder.
- Open the Streamline Xchange Extension.
- Enter Xchange User login credentials to log in.

✶ **NOTE:** The configuration is stored in configs.json in the following location: **`/Users/*Username*/Library/Application Support/Primestream/configs.json`**

Installing the Streamline Xchange Adobe Panel - MacOS

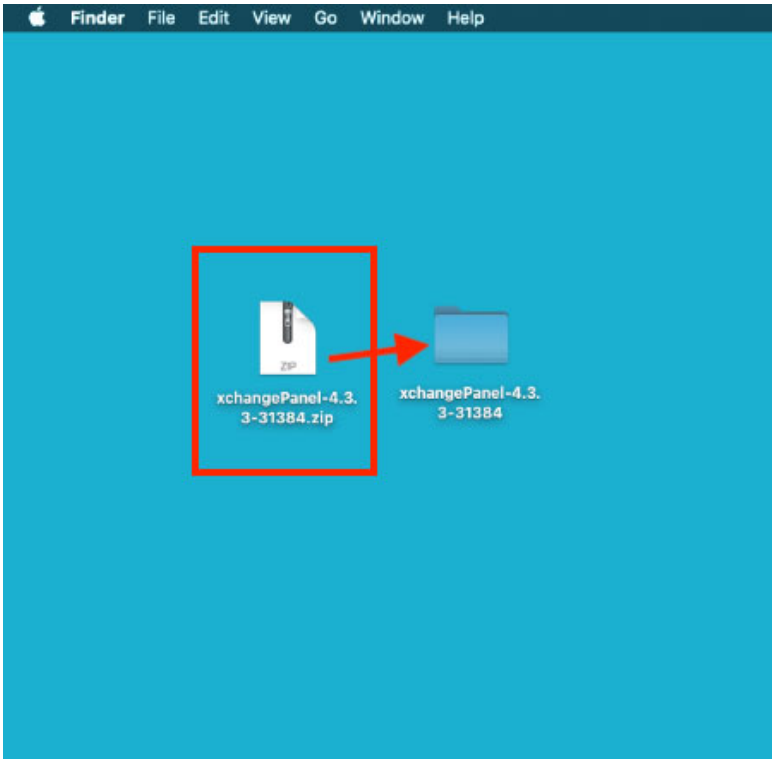
This chapter discusses the following topic:

- Installing the Streamline Xchange Adobe Panel in MacOS

Installing the Streamline Xchange Adobe Panel in MacOS

To install the Streamline Xchange Adobe Panel for MacOS

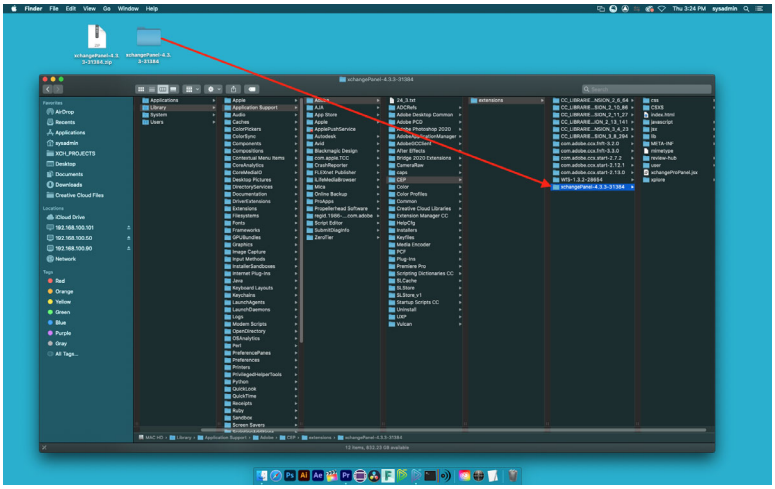
1. To extract the **XchangePanel** folder, double-click to unzip the file. The Streamline Xchange panel folder is extracted onto the desktop.



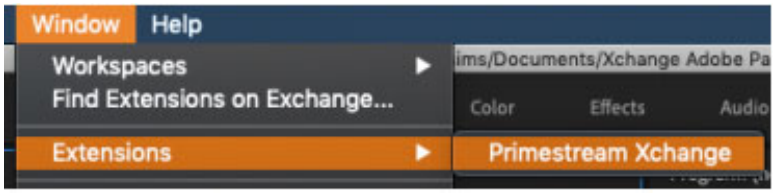
2. Go to the following directory to find the Adobe extensions folder:

   `Library\Application Support\Adobe\CEP\extensions`

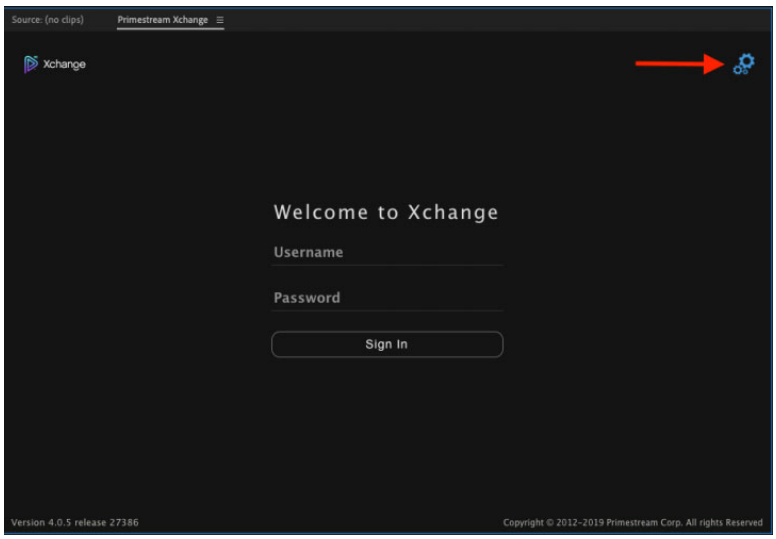
   Drag the **XchangePanel** folder and drop it inside the Adobe extensions folder.



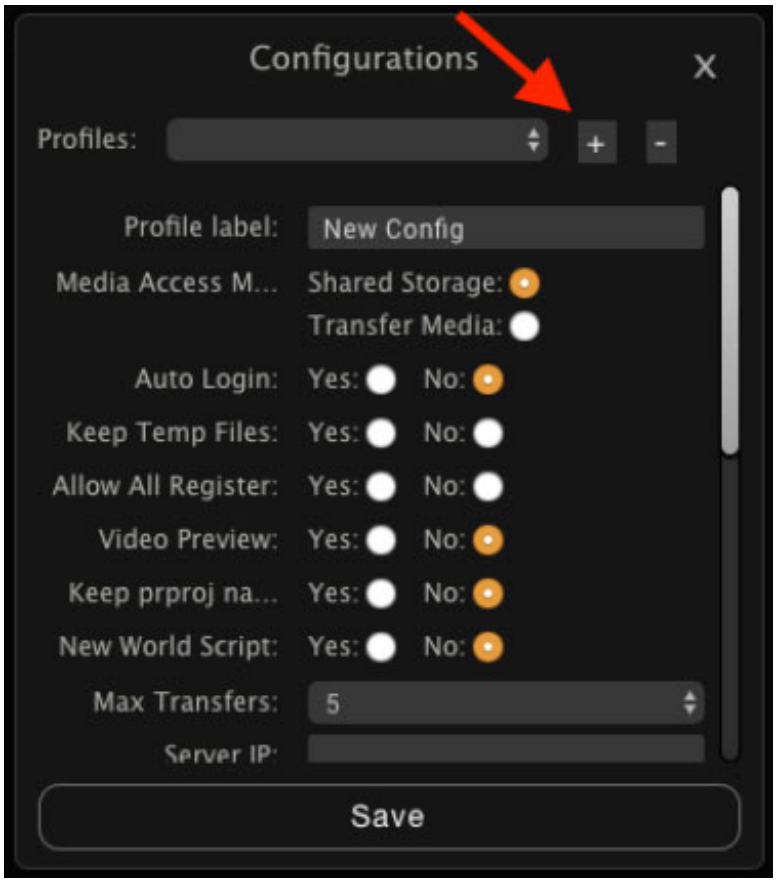
3. Launch the Adobe application. On the menu bar, under Window, select **Extensions**, and then click **Primestream Xchange**.



4. On the Streamline Xchange launch window, click the **settings/gear** icon on the screen's top right corner.



5. On **Configurations**, beside the **Profiles** drop-down list, click '+'.



6. Fill in new configuration information and select options based on requirements:

   - **Profile label:** Enter a new profile name, that is 'Xchange 54' (last octet of the IP to Xchange).
   - **Media Access Method:** Select the media access method as per requirement:
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   - **New World Script:** Select **Yes** to enable New World Script (new API code in Premiere) or select **No**.
   - **Max Transfers:** From the drop-down, set the maximum concurrent transfers as per requirement. It is best to start with 1 and then go ahead from there.
   - **Server IP:** Set the Server IP address of the Xchange Database (Head).
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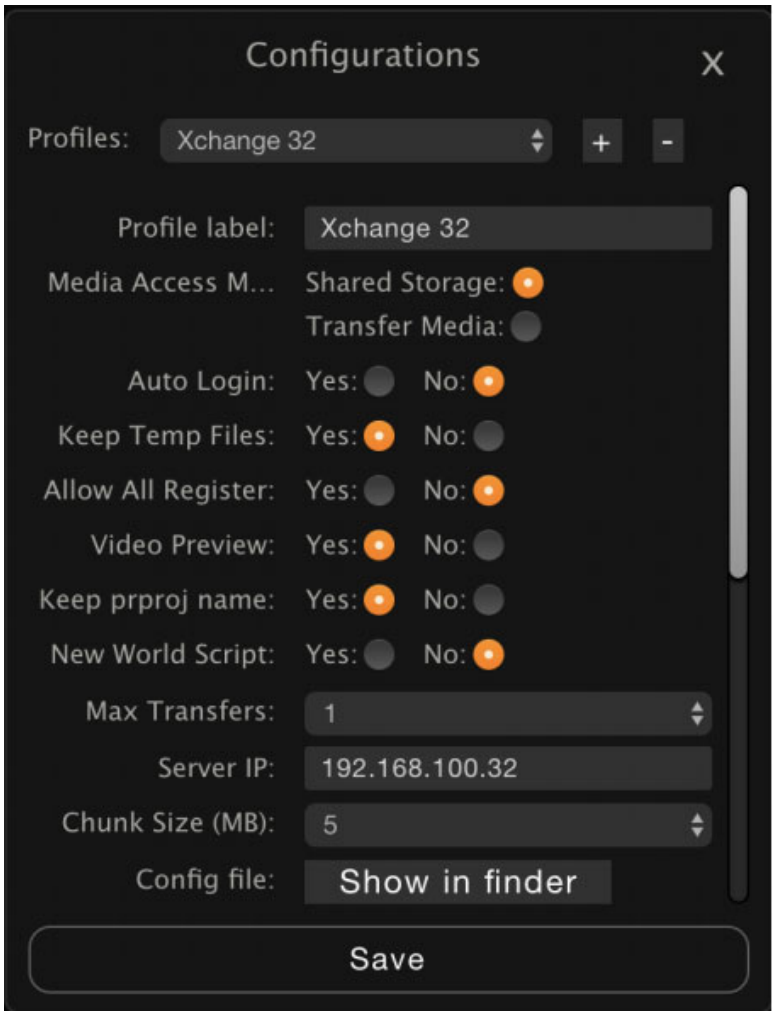
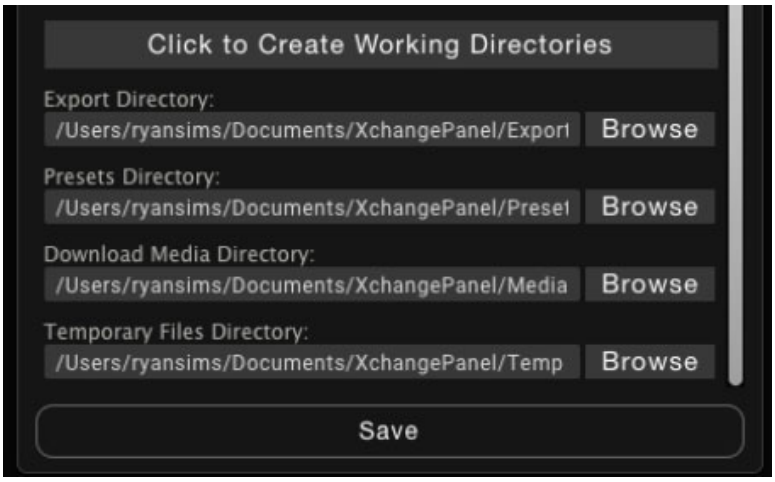


- **Xchange Import Directory:** Enter the XchangeTemp Directory to point to the /xchangetemp/ directory in your storage.

- **Click to Create Working Directories:** Click **Click to Create Working Directories** and select local User Documents folder. The Streamline Xchange Panel will create a new folder called **XchangePanel** and create all of the working directories in that folder.
  - › **Presets Directory** - To point the XchangePanel at a directory on the shared storage to access the Adobe Export Presets, modify Presets Directory config to point at the shared storage location.
- Click **Save**.



- Close Streamline Xchange Extension in Premiere.
- Put export presets (.epr) in the **`Documents/XchangePanel/Presets`** folder.
- Open the Streamline Xchange Extension.
- Enter Xchange User login credentials to log in.

✶ **NOTE:** The configuration is stored in **configs.json** in the following location: **`/Users/*Username*/Library/Application`**

Configuring Microsoft AI

This chapter discusses the following topic:

- Setting up Microsoft AI

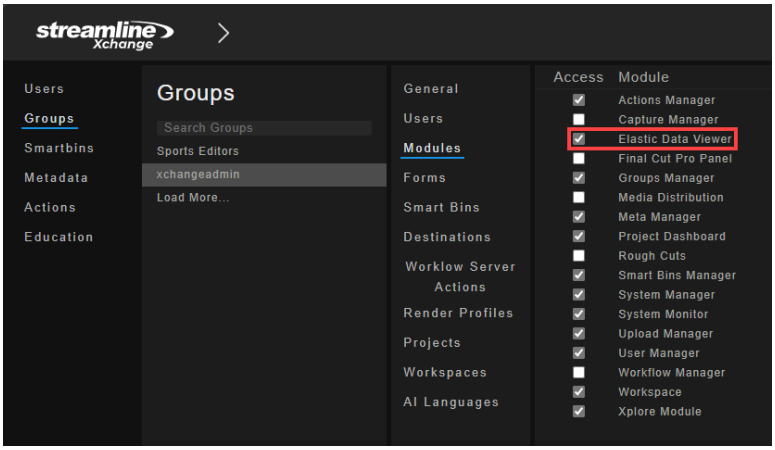
Setting up Microsoft AI

A database admin in Streamline Xchange can toggle the Microsoft AI settings.

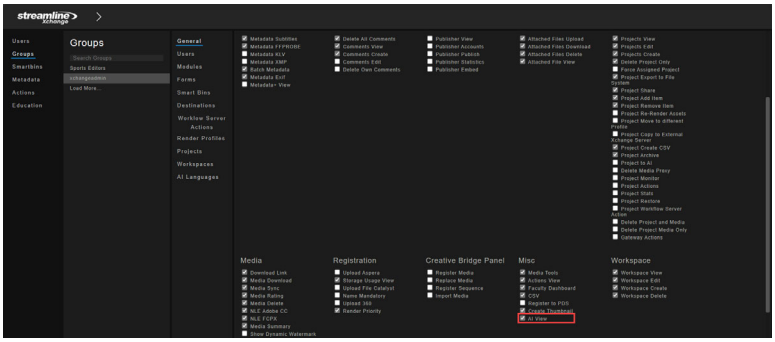
To setup Microsoft AI

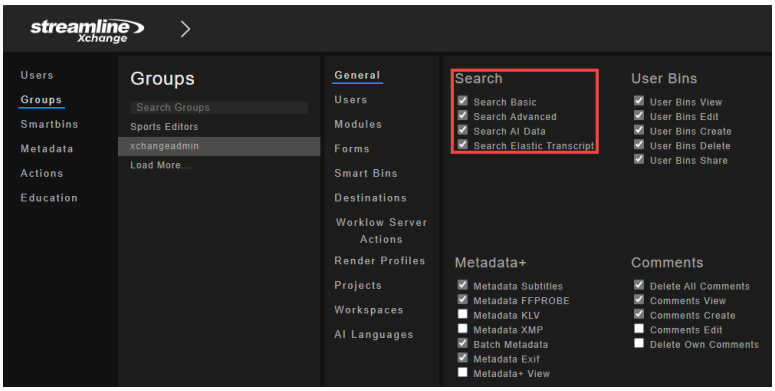
1. Login to Streamline Xchange via the root admin account. From the menu bar, click **Configs**.
2. On the Groups list, click **xchangeadmin**, then click **Modules**. On the **Modules** page, select **Elastic Data Viewer**

   The metadata that is analyzed from Microsoft AI can now be viewed.

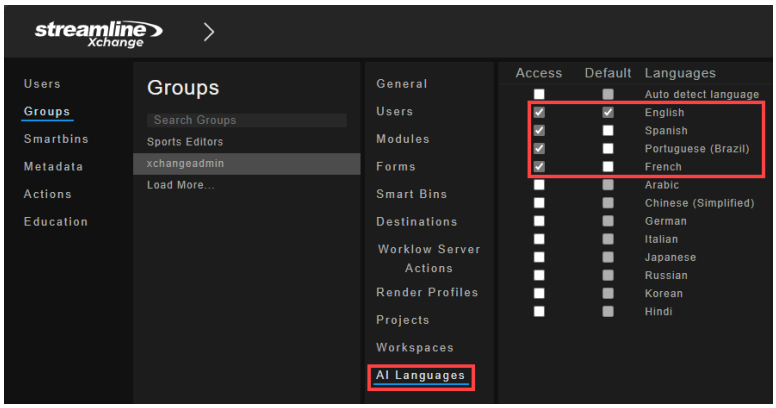


3. On the group functionalities list, click **General** and select to enable the following tools:





4. On the group functionalities list, click **AI Languages** and select the following languages to enable:


streamline Xchange
Users
Groups
Smartbins
Metadata
Actions
Education
Groups
Search Groups
Sports Editors
xchangeadmin
Load More...
General
Users
Modules
Forms
Smart Bins
Destinations
Worklow Server Actions
Render Profiles
Projects
Workspaces
AI Languages
Access
Default
Languages
Auto detect language
English
Spanish
Portuguese (Brazil)
French
Arabic
Chinese (Simplified)
German
Italian
Japanese
Russian
Korean
Hindi