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## WELCOME

Welcome to *ReadAbout*® Enterprise Edition v1.4. This is your Documentation Update, which complements the *ReadAbout Technical and Installation Guide* for Enterprise Edition v1.1, providing the latest information on Enterprise Edition features.

If you are installing *ReadAbout* for the first time, refer to the *ReadAbout Technical and Installation Guide* for Enterprise Edition v1.1 for detailed instructions on setting up the server and clients and your network. If you are upgrading from a previous edition, be sure to back up your database before installing this new version.

In either case, it is important to review this update in addition to your *ReadAbout Software Manual* and the *ReadAbout Technical and Installation Guide* for Enterprise Edition v1.1, as some of the features have changed.

### **What's New in Enterprise Edition v1.4**

*ReadAbout* Enterprise Edition v1.4 includes the following new features:

- **Aggregation Scheduler:** Users can now automate data aggregation from multiple servers to an aggregation server.
- **Import Teacher Profiles:** Users can now input teacher information from a data file just as they do with students.

### ***Revised Technical Requirements***

Scholastic Enterprise products have been certified to work on Windows and Macintosh **workstations** and on certain Windows, Macintosh, and Novell OES **servers**. Internet browsers are required for performing certain administrative tasks involving data import and export.

Detailed, specific, and current information on supported operating systems and browsers can be found at

**[http://teacher.scholastic.com/products/ReadAbout/pdfs/ReadAbout\\_TechSpecs.pdf](http://teacher.scholastic.com/products/ReadAbout/pdfs/ReadAbout_TechSpecs.pdf)**

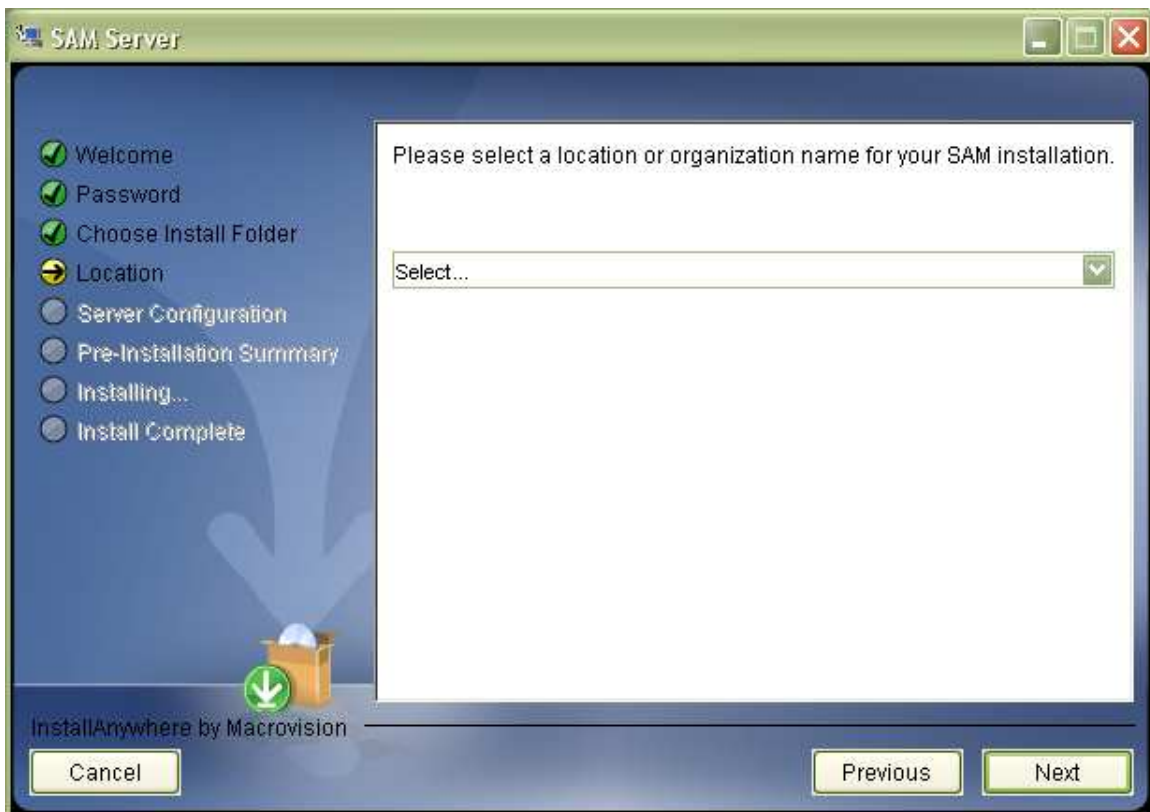
## INSTALLATION CHANGES

### *New Installation Screens*

The installation process has been updated. Most noticeable is the fact that the decorative graphics are different on every screen. Functionally, there are a few additions.

#### **Location Selection**

After selecting an installation folder, the system will ask you to choose a location for your installation. This will make it easier to search for state-specific resources on SAM.



## ***Application or Aggregation Server***

During the installation process, the system will ask you to specify whether you are setting up an application server or an aggregation server. Aggregation servers use a slightly different configuration to accommodate the larger databases generally created when aggregating numerous databases into one place.

Use the radio button to select **Application Server** or **Aggregation Server**.

## ***Memory Requirements***

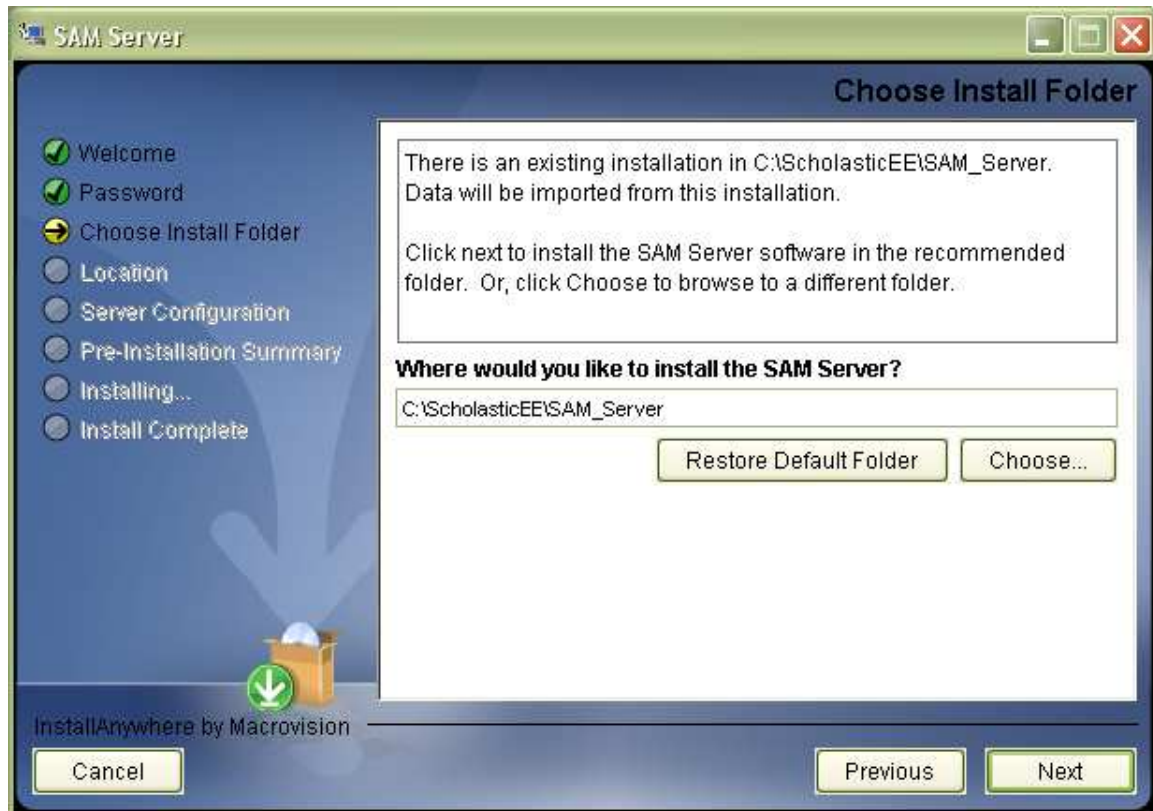
Scholastic recommends installing Scholastic Achievement Manager (SAM) on servers with at least 2 GB of memory.

During the installation process, the SAM installer will check how much memory your server has available and set values appropriately for your system. The formula used for memory allocation is equivalent to reserving 128 MB for the OS and dividing the remaining amount between MySQL and JBoss.

If the installers detect that your server has less than 2 GB of memory you will see a warning, but you can proceed with the installation. Go to [http://teacher.scholastic.com/products/ReadAbout/pdfs/ReadAbout\\_TechSpecs.pdf](http://teacher.scholastic.com/products/ReadAbout/pdfs/ReadAbout_TechSpecs.pdf) for complete technical specifications.

## Upgrading SAM Installations

If you are upgrading from a previous edition of **ReadAbout**, SAM will automatically detect a previous version and will ask if you want to install to the same folder.



If you want to use the same folder (recommended), click **Next** and SAM will automatically back up your database before continuing with the installation.

If you use the **Choose** button to select a different folder to install the upgrade, SAM will automatically make a copy of the database and place it in the new installation folder.

## Advanced Settings and Data Movement Updates

The **Advanced Settings** menu, on the lower right corner of the **Profile** screen for all Administrative SAM users, provides access to data movement and related functions. These include a variety of methods for importing and exporting SAM roster data and performance data.

The following Advanced Settings menu activities are new or have been updated since **ReadAbout** Enterprise Edition v1.1. Refer to pages or links, as directed, for detailed information.

Advanced Settings Selection	Data Movement Activity	Find More Information
<b>Import</b>	<b>Import Transferred Students</b>	<b>Version Checking</b> SAM now requires that student transfer files be exported from and imported to servers running the same version of SAM.
<b>Export</b>	<b>Export CSV or XML roster</b> data for use in non-SAM installations.	Detailed and complete information on export data points is available at <a href="http://www.scholastic.com/sam_export_datapoints">www.scholastic.com/sam_export_datapoints</a>
	<b>Transfer</b> complete student records including all performance data and recordings from one SAM installation to another SAM installation.	Detailed and complete information on export data points is available at <a href="http://www.scholastic.com/sam_export_datapoints">www.scholastic.com/sam_export_datapoints</a>  <b>Version Checking</b> SAM now requires that student transfer files be exported from and imported to servers running the same version of SAM.
	<b>Aggregate</b> data from multiple SAM servers onto a single aggregation server.	See <b>page 10</b> for details.  <b>Version Checking</b> SAM now requires that student transfer files be exported from and imported to servers running the same version of SAM.
<b>View Output Files</b>	<b>View the output files</b> you have created in SAM, such as Exports, Backups, Student Transfer files, and the new Promoted Student files.	See <b>page 11</b> for details.
<b>Database Restore Utility</b>	Facilitates restoring a SAM backup database.	See <b>page 33</b> for details.

## ***Automatic Account Creation During Roster Import***

District or School Administrators and Teachers with administrative privileges can use the Roster Import process to create classes and student accounts that will automatically appear in the **SmartBar**. This is the easiest way to avoid manual entry of accounts when setting up the **SmartBar** at the beginning of a school year.

For the process to work, appropriate schools must exist in SAM before importing students. The import process will create classes within that school so that each imported student can be associated with the proper class on the **SmartBar**.

If the necessary school name (SCHOOL\_NAME) and class name (CLASS\_NAME) are not included in the roster import .csv file, you will need to use the Manage Inactive Accounts function to place students in classes.

The student data import process will update all student roster data including the User Name and Password.

## ***Changes in Aggregation Process***

### **New SAM Version Compatibility Requirement**

To aggregate data, you must be running the same versions of SAM on both the application servers (from which you generate the aggregation file) and the aggregation server.

To see version information, open the **System Information** window by clicking the **Connected to** server name link from the bottom of the **SAM Home Page**.

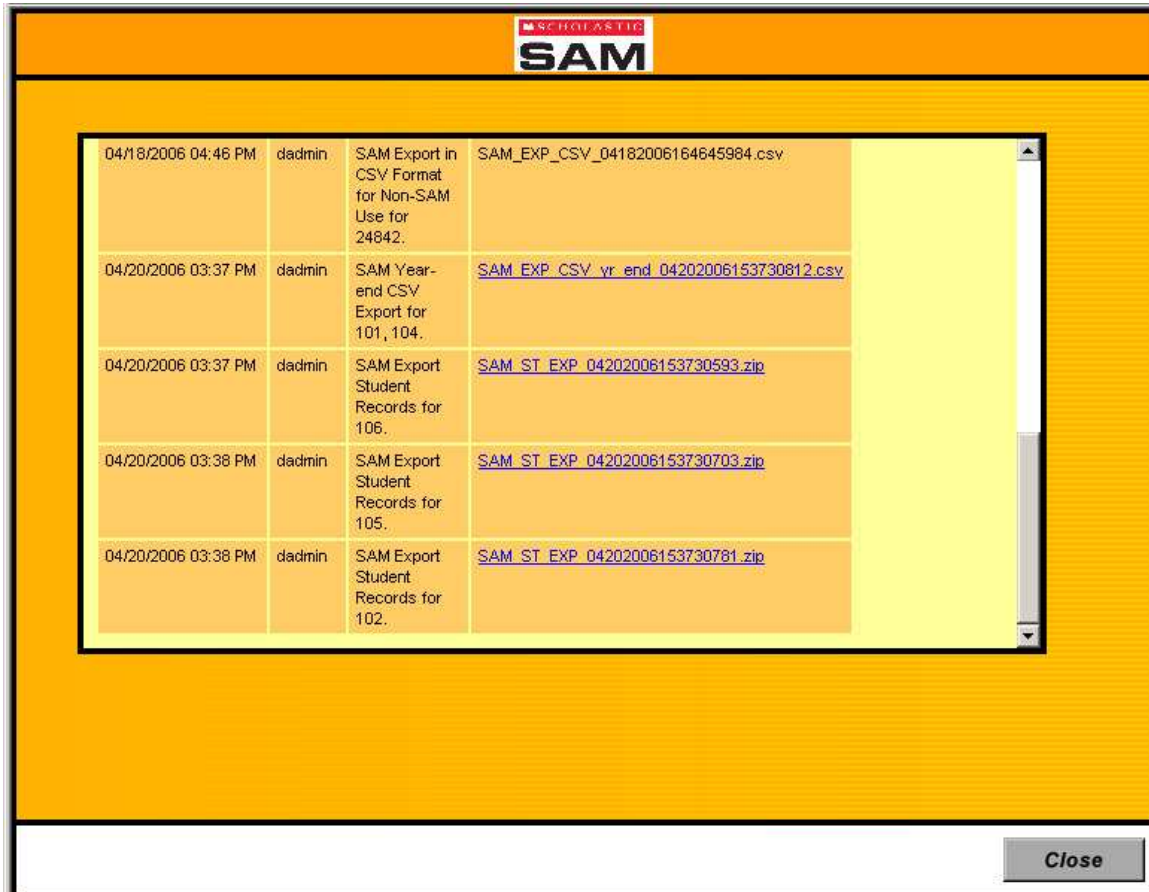
To facilitate data aggregation, it is no longer necessary for all databases being aggregated onto a server to have the exact same district name. Now, all databases that are aggregated onto one server will appear on the aggregation server as a single district. Because of this, you should not aggregate data for more than one district at a time, as it will appear as a single district.

If the same school name exists on different SAM installations, SAM adds a number to the school name to distinguish the different sources. For example: Lincoln HS1, Lincoln HS2, etc. This change only takes place on the aggregation server; it has no effect on the source data. The same rule applies for students, classes, and groups.

SAM aggregates data based on student IDs. If there is a student who has data from the same Scholastic program on two separate databases, the data imported *last* onto the aggregation server is the data that will appear on the aggregation database.

## Viewing Output Files

SAM saves all output files created during data movement activities such as export, student promotions, or backups. Users with district and school administrative permissions may now access these output files using the **View Output Files** link in the **Advanced Settings** menu on the **District** or **School Profile** page. Clicking this link will open a browser window with a listing of the output files created by data movement activities such as exports, student promotions, and backups.



From this window, you may right-click the filename link to open a **Save As** dialog box where you can save the file to a specific location. For .csv file types, be sure to select **All Files** in the **Save as type** pull-down menu; otherwise, your file will be saved as an HTML file.

## **Aggregation Scheduler**

In previous releases, users had to manually create aggregation export files and manually import each of those files onto an aggregation server. Now, in the current release, users can set up an aggregation server to manage the entire aggregation process automatically.

On the aggregation server, users will be able to:

- Specify which source servers to include in an aggregation event.
- Determine when the process should start.
- Decide if the process should repeat at regular intervals.

The following steps provide a general overview of how to schedule an aggregation event:

1. Log on to the aggregation server.
2. Click on the **Roster** tab.
3. In the **Advanced Settings** menu, click on the **Aggregation Scheduler** link. This will open the **Aggregation Scheduler**, described in the following pages.
4. Add source servers to the source servers list, if necessary.
5. Schedule the time and frequency of the aggregation event on the **Scheduler** screen.
6. Select the source servers to include in the aggregation event.
7. Select which programs to include in the aggregation event.
8. Select whether or not to purge data for the aggregation event.

Throughout the Aggregation Scheduler, click **Next** to advance to the next page and click **Back** to return to the previous page.

## The Aggregation Scheduler Home Page

**SAM**

### Welcome to the SAM Auto-Aggregation Scheduler

The SAM Auto-Aggregation Scheduler allows you to schedule an automated aggregation event. Click on the Source Servers button to add or edit information about schools from which you wish to aggregate data. Click on the Schedule button to set the time and date of your aggregation event.

Your next monthly scheduled aggregation event will occur on Wednesday, September 26, 2007, at 7:15 AM. [Remove Event](#)

[Source Servers](#) Click here to manage information about the application servers from which you are aggregating data.

[Scheduler](#) Click here to edit your currently scheduled aggregation event.

If there are no aggregation events currently scheduled, you have two options on this screen:

- **Source Servers:** This enables you to save information for source servers that you might want to include in an aggregation event.
  - If you click the **Source Servers** button, you will open the **Source Servers** screen.
- **Schedule:** This enables you to set up when and how often the aggregation event will occur.
  - If you click the **Schedule** button, you will open the **Schedule Aggregation Event** screen.

The tasks available on the **Home** page vary according to your past actions.

- If you're setting up an aggregation event for the first time, you must set up your source servers first.
- If you've already set up source servers, you can access **Source Servers** or the **Scheduler**.
- If there is an aggregation event currently scheduled, you can click the **Remove this Event** button to cancel a currently scheduled aggregation event.

- If you click the **Remove this Event** button, the **Confirm Aggregation Event** screen will open, displaying instructions on how to confirm that you want to cancel the scheduled event.

## The Source Servers Screen

**SOURCE SERVERS**

Manage information about your source servers.

You currently have 26 source server profiles.

Click on column headings to sort.

Source Schools ↓	IP/Server Name		
A-2	192.168.6.91	Edit	Delete
Bishop	192.168.6.20	Edit	Delete
Britanic	192.168.6.245	Edit	Delete
Cable	192.168.6.13	Edit	Delete
Domino	192.168.6.15	Edit	Delete
Gambit	192.168.6.109	Edit	Delete
Havoc	192.168.6.26	Edit	Delete

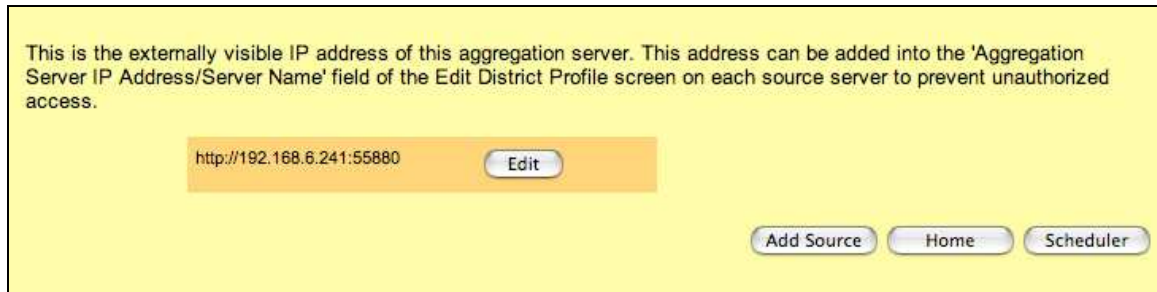
Add Source Home Scheduler

The **Source Servers** screen displays the servers that can be included in an aggregation event. Note that servers listed here will not necessarily be included in an aggregation event. This is merely a list of all servers that you have designated to be eligible for aggregation.

The screen also allows you to add, edit, or delete servers from this list.

- To add a new server, click the **Add Source** button. This will open the **Add Source Server** screen.
- To edit an existing server, click the **Edit** button for that server. This will open the **Edit Source Server** screen.
- To delete an existing server, click the **Delete** button for that server. This will open a confirmation window.

Besides being able to manage your source servers, the **Home** and **Scheduler** buttons at the bottom of the screen will take you directly to the **Home** screen or the **Scheduler** screen.



The screen also displays the IP Address of the aggregation server itself beneath the list of source servers. The aggregation server stores this address to enhance security in the connection between the aggregation server and the source server.

You can prevent unauthorized access to a source server on the **Edit District Profile** screen in SAM. Enter the IP address of the aggregation server that's allowed to access that source server. Subsequently, any attempt to access the source server must come from that aggregation server or the source server will reject the connection.

- To edit the aggregation server IP address, click the **Edit** button next to the existing aggregation server IP address at the bottom of the screen.

## The Add Source Server Window

The **Add Source Server** screen allows you to add the required data for a source server.

- To add a source server, enter the **Name**, **IP/Server Name**, and **Port**, then click the **Test** button.
  - If the aggregation server *can* make a successful connection to the source server, the system will display the message, “Test Successful.”
  - If the aggregation server *cannot* make a successful connection to the source server, the system will display the message, “Test Failed.”

NOTE: You can save the information for a source server whether or not the test is successful.

All three text fields are required.

**Name:** This nickname is unique to the aggregation scheduler process and has no relationship to any name on the source server itself. You can use this name as a handy reference rather than the more cumbersome IP address.

**IP/Server Name:** The IP Address or the DNS Server Name on the source server. This must match the IP Address or the DNS Server Name on the

source server or else the aggregation server will not be able to make a connection to the source server.

**Port:** The port on the source server that will allow a connection from the aggregation server. This will default to 55880.

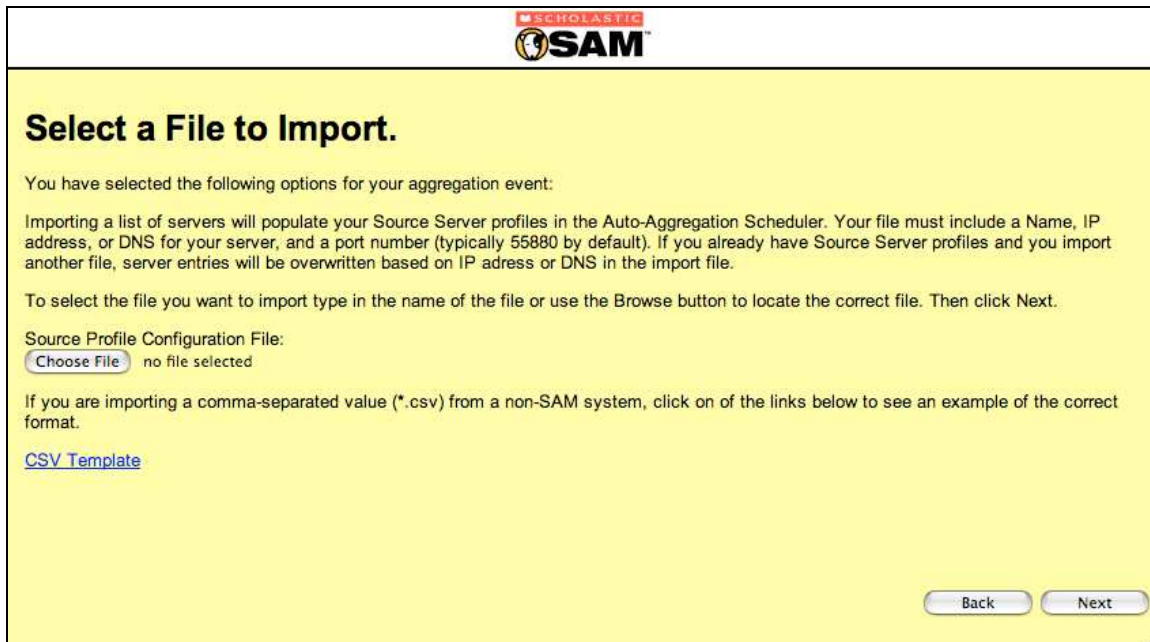
- To save the information entered here, you have two options:
  - **Save:** this will save the data and return you to the **Source Servers** screen.
  - **Add Another:** this will save the data and open a new **Add Source Server** screen where you can add information for another server.
- To cancel the information entered here, click **Cancel**. This will return you to the **Source Servers** screen and not save any data that you've entered here.
- To import all your source server data in one batch, click on the **Import** button.

Instead of entering each source server manually, you can import the required information from a .csv or .xml file. The following pages describe how to use such an import file.

- **Import:** this will open the **Select a File** screen.

## Importing Source Servers from a .CSV or .XML File

The **Select a File** screen allows you to choose a file to import.



The screenshot shows a web interface for importing source servers. At the top, there is a Scholastic SAM logo. The main heading is "Select a File to Import." Below this, there is a paragraph explaining the import process: "You have selected the following options for your aggregation event: Importing a list of servers will populate your Source Server profiles in the Auto-Aggregation Scheduler. Your file must include a Name, IP address, or DNS for your server, and a port number (typically 55880 by default). If you already have Source Server profiles and you import another file, server entries will be overwritten based on IP address or DNS in the import file." This is followed by instructions: "To select the file you want to import type in the name of the file or use the Browse button to locate the correct file. Then click Next." Below this, there is a section for "Source Profile Configuration File:" with a "Choose File" button and the text "no file selected". A note states: "If you are importing a comma-separated value (\*.csv) from a non-SAM system, click on of the links below to see an example of the correct format." There is a blue link labeled "CSV Template". At the bottom right, there are two buttons: "Back" and "Next".

1. Click the **Browse** button (or the **Choose File** button on a Mac). This will open a window where you can select the file you want to import.
2. When you've selected the correct file, click **Next** and the data from the selected file will be written to the database.

### ***The .CSV or .XML File***

You must create the source server import file in the proper format. The file will include the following three fields, each of which is required:

- NAME
- IP\_ADDRESS
- PORT

The IP\_ADDRESS can be either a numerical IP address or an alphanumeric server name.

If the IP\_ADDRESS in the import file matches an existing IP address in the database, the data in the import file will overwrite the data in the database for that IP address.

Below is an example of a valid .csv source server import file:

```
NAME,IP_ADDRESS,PORT
Bayerville High School,192.168.6.291,55880
Somerset High School,192.168.6.292,55880
Morrison Junior High School,192.168.6.293,55880
Eagleton Junior High School,192.168.6.294,55880
```

## The Edit Source Server Screen

**Edit Source Server**

Enter the Name, IP, and Port information for the Source Server. Click Test to verify the IP address and version compatibility. When you are finished click Save.

Name:

IP/Server Name:

Port:

...

The **Edit Source Server** screen allows you to edit the required data for a source server. The screen will open with the existing data for the server that you selected displayed in the text fields.

- To edit the data, change any of the entries for **Name**, **IP/Server Name**, or **Port**, then click the **Test** button.
  - If the aggregation server *can* make a successful connection to the source server, the system will display the message, “Test Successful.”
  - If the aggregation server *cannot* make a successful connection to the source server, the system will display the message, “Test Failed.”

NOTE: You can save your changes whether or not the test was successful.

All three text fields are required.

**Name:** This nickname is unique to the aggregation scheduler process and has no relationship to any name on the source server itself. You can use this name as a handy reference rather than the more cumbersome IP address.

**IP/Server Name:** The IP Address or the DNS Server Name on the source server. This must match the IP Address or the DNS Server Name on the

source server or else the aggregation server will not be able to make a connection to the source server.

**Port:** The port on the source server that will allow a connection from the aggregation server. This will default to 55880.

- To save the information entered here, click the **Save** button. This will return you to the **Source Servers** screen.
- To cancel the information entered here, click the **Cancel** button. This will return you to the **Source Servers** screen and not save any data that you've entered.

## The Schedule Aggregation Event Screen

Use the controls below to schedule or edit an event.

Now  
 One-time Only  
 Daily  
 Weekly  
 Monthly

Time: 12 00 AM

Date:

September 2007

Su	Mo	Tu	We	Th	Fr	Sa
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

Back Next

The **Schedule Aggregation Event** screen allows you to choose the time, date, and frequency for your scheduled aggregation event.

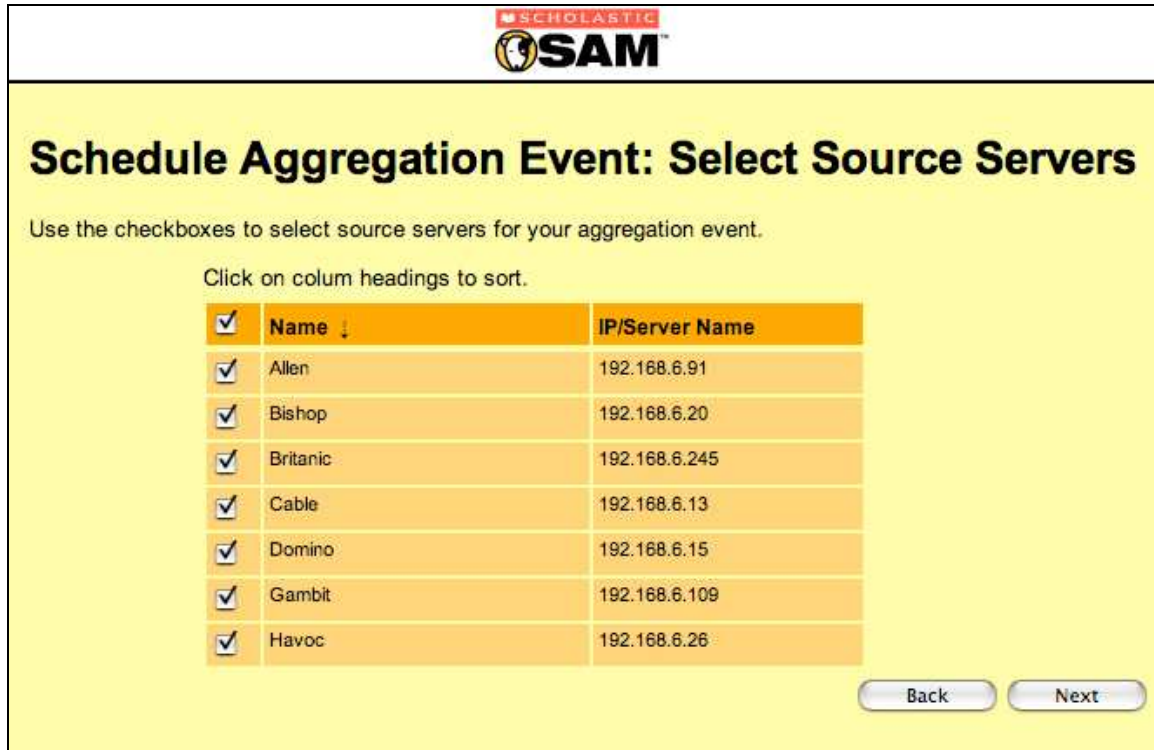
**Frequency:** You have the following options:

- **Now:** The aggregation event will begin as soon as you confirm your choices on the **Confirm Aggregation Event** screen.
- **One-Time Only:** The aggregation will occur once on the date and time selected.
- **Daily:** The aggregation will occur on the date and time selected and will then occur every following day at the same time.
- **Weekly:** The aggregation will occur on the date and time selected and will then occur every following week at the same time.
- **Monthly:** The aggregation will occur on the date and time selected and will then occur every following month at the same time.

**Time:** Set the hour and minute and whether it is A.M. or P.M.

**Date:** Enter the date in the text field or select the date of the aggregation event on the calendar. You must enter the date in MM/DD/YYYY format.

## Select Source Servers Screen



**Schedule Aggregation Event: Select Source Servers**

Use the checkboxes to select source servers for your aggregation event.

Click on column headings to sort.

<input checked="" type="checkbox"/>	Name ↓	IP/Server Name
<input checked="" type="checkbox"/>	Allen	192.168.6.91
<input checked="" type="checkbox"/>	Bishop	192.168.6.20
<input checked="" type="checkbox"/>	Britanic	192.168.6.245
<input checked="" type="checkbox"/>	Cable	192.168.6.13
<input checked="" type="checkbox"/>	Domino	192.168.6.15
<input checked="" type="checkbox"/>	Gambit	192.168.6.109
<input checked="" type="checkbox"/>	Havoc	192.168.6.26

Back Next

The **Select Source Servers** screen allows you to choose which source servers you want to include in the current aggregation event. The list here includes every server you have entered in the **Source Servers** screen.

- To include a source server in the current aggregation event, check the box next to that server.
- To select all the servers at once, check the box in the column heading.
- To sort a column, click on the column heading.

## Select Programs Screen

**Schedule Aggregation Event: Select Programs**

SAM will now export the entire student roster for selected source schools. Use the check boxes below to specify which program-specific performance data to include.

Click on column headings to sort.

<input checked="" type="checkbox"/>	Name
<input checked="" type="checkbox"/>	FASTT Math
<input checked="" type="checkbox"/>	READ 180
<input checked="" type="checkbox"/>	ReadAbout
<input checked="" type="checkbox"/>	rSkills Tests
<input checked="" type="checkbox"/>	Scholastic Reading Counts!
<input checked="" type="checkbox"/>	Scholastic Reading Inventory

Done Internet

The **Select Programs** screen allows you to choose which of the programs you want to include in the current aggregation event. The list here includes every program installed on the aggregation server.

- To include a program in the current aggregation event, check the box next to that program.
- To sort a column, click on the column heading.
- To select all the programs at once, check the box in the column heading.

## Select Data Purge Options Screen

**SCHOLASTIC SAM**

### Schedule Aggregation Event: Select Data Purge Options

Please indicate your preferences for the following options. Click Next to proceed.

Purging data is recommended. The only reason to uncheck Data Purge is if you are aggregating data from an additional server as a one-time-only event.

Purge data

Back Next

Done Internet

The **Select Data Purge Options** screen allows you to choose either to purge the data on the aggregation server before the aggregation event or not to purge the data before the aggregation event.

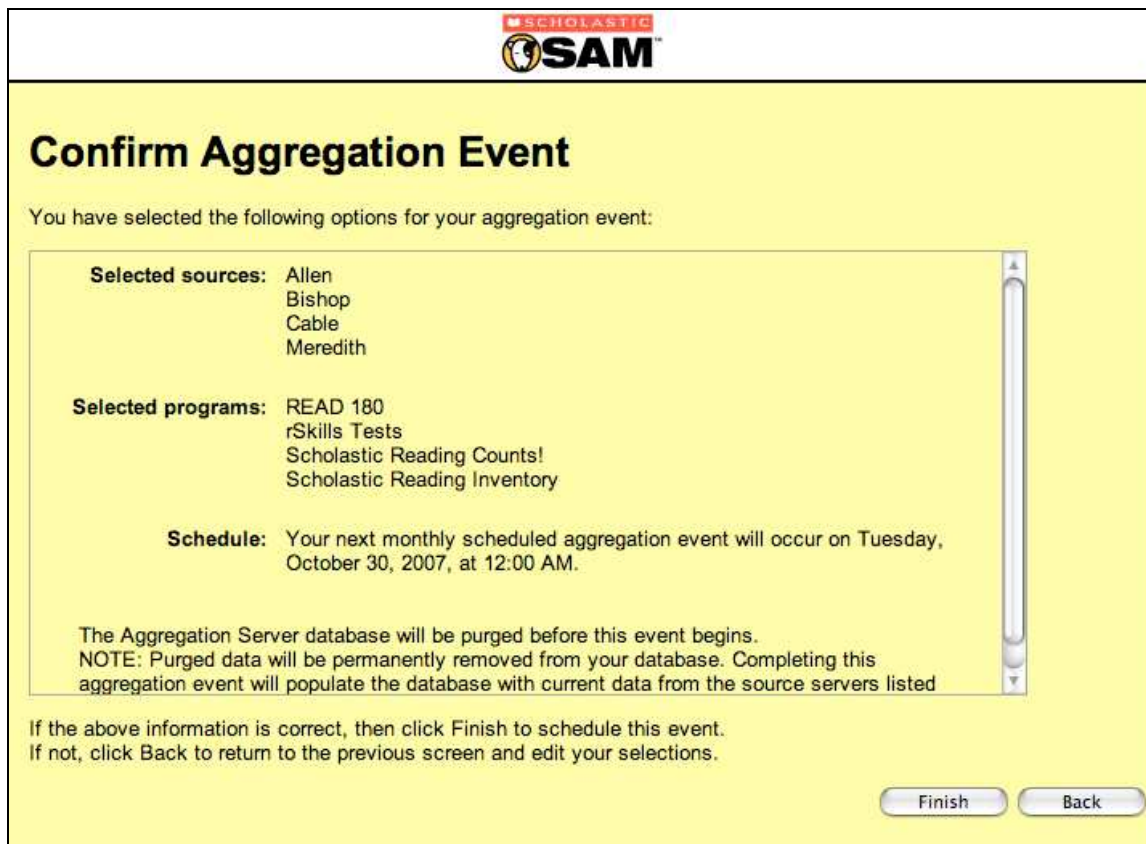
The default setting is to purge data, and you should keep this option except for rare instances.

Purging data does not delete the entire database; rather, it deletes only the data necessary to perform a new aggregation.

If you perform aggregations regularly, it's important to purge data from the database before you import new data from source servers. If you don't purge data, the new data you're importing will merge with the existing data, thus making the data on your aggregation server inaccurate.

The only time you would not want to purge data would be if you've already successfully aggregated data from some source servers and now want to aggregate data from additional source servers.

## Confirm Aggregation Event Screen



The screenshot shows a web interface for confirming an aggregation event. At the top, there is a Scholastic SAM logo. The main heading is "Confirm Aggregation Event". Below this, a message states: "You have selected the following options for your aggregation event:". The selected options are listed in three sections: "Selected sources" (Allen, Bishop, Cable, Meredith), "Selected programs" (READ 180, rSkills Tests, Scholastic Reading Counts!, Scholastic Reading Inventory), and "Schedule" (Your next monthly scheduled aggregation event will occur on Tuesday, October 30, 2007, at 12:00 AM.). A note at the bottom of the list states: "The Aggregation Server database will be purged before this event begins. NOTE: Purged data will be permanently removed from your database. Completing this aggregation event will populate the database with current data from the source servers listed". Below the list, there is a message: "If the above information is correct, then click Finish to schedule this event. If not, click Back to return to the previous screen and edit your selections." At the bottom right, there are two buttons: "Finish" and "Back".

**Selected sources:** Allen  
Bishop  
Cable  
Meredith

**Selected programs:** READ 180  
rSkills Tests  
Scholastic Reading Counts!  
Scholastic Reading Inventory

**Schedule:** Your next monthly scheduled aggregation event will occur on Tuesday, October 30, 2007, at 12:00 AM.

The Aggregation Server database will be purged before this event begins.  
NOTE: Purged data will be permanently removed from your database. Completing this aggregation event will populate the database with current data from the source servers listed

If the above information is correct, then click Finish to schedule this event.  
If not, click Back to return to the previous screen and edit your selections.

Finish Back

The screen displays all the choices you have made for the coming aggregation event. It lists the following:

- The source servers to be included
- The programs to be included
- The schedule and frequency
- The data purge options selected

To activate the aggregation event, click **Finish**. This will officially schedule the aggregation event and return you to the **Home** screen.

## Teacher Profile Import

In previous releases, users had to enter teachers' profile information manually, one at a time. Now, users will be able to import teacher profile information from a .csv or .xml file just as they can with students.

To import teacher profiles:

1. Create a teacher profile .csv or .xml file.

The teacher import file must be formatted correctly. The table below describes each of the fields that you can import.

Fields with an asterisk are required for the import process to be successful; fields shaded gray are required to import the teacher into the **SmartBar**. That is, you can import a teacher without specifying the school or class, but if you do, the teacher will be imported into **Inactive Accounts**. All other fields are optional.

Descriptive SAM Reference	Column Head (field name)	Data Type	Allowable Special Characters
District User ID	DISTRICT_USER_ID	[alpha-numeric]	–
Scholastic Profile Services	SPS_ID	[alpha-numeric]	–
Prefix	PREFIX	[alpha-numeric]	–
*First Name	FIRST_NAME	[alpha-numeric]	–
*Last Name	LAST_NAME	[alpha-numeric]	–
Title	TITLE	[alpha-numeric]	–
Suffix	SUFFIX	[alpha-numeric]	–
*Email	EMAIL	[alpha-numeric]	–
*Username	USER_NAME	[alpha-numeric]	[apostrophe], [hyphen], [space], [underscore]
Password	PASSWORD	[alpha-numeric]	[apostrophe], [hyphen], [space], [underscore]
School	SCHOOL_NAME	[alpha-numeric]	–
Class	CLASS_NAME	[alpha-numeric]	–

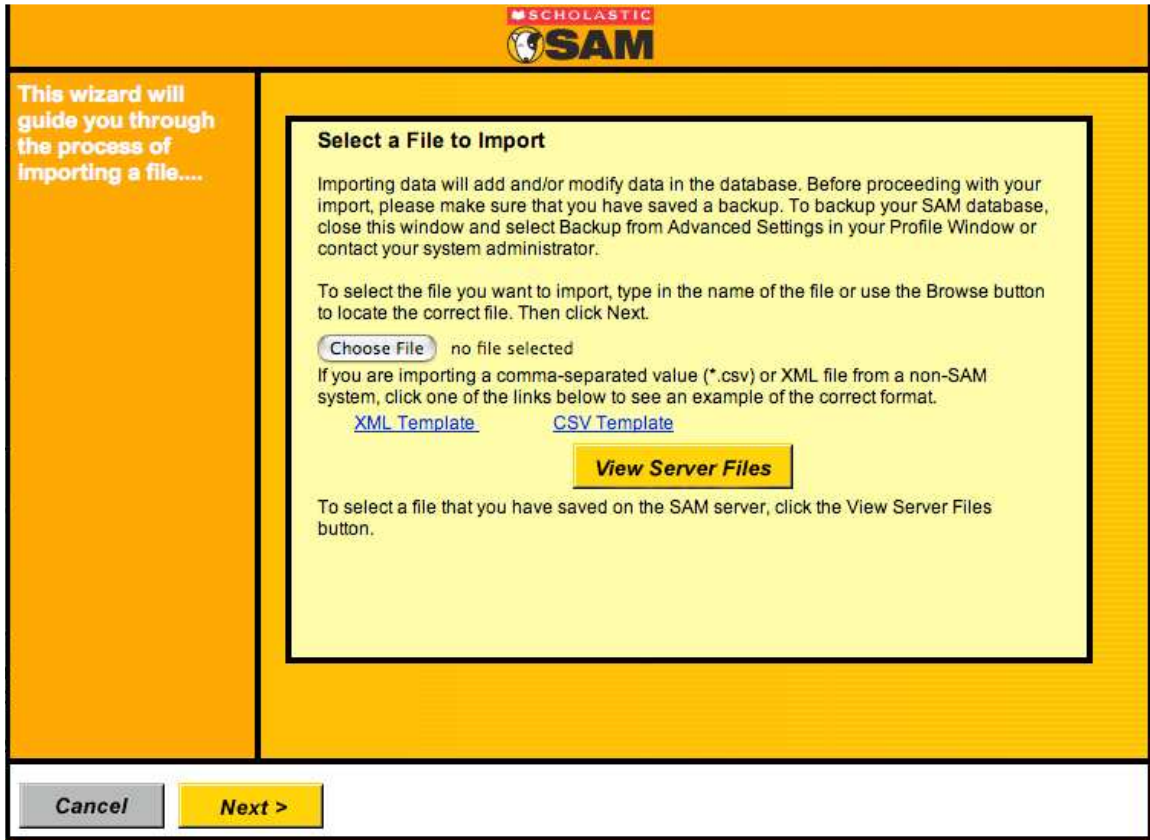
- USER-NAME is the unique identifier for a teacher. If you import a teacher with a USER\_NAME that already exists in the SAM database, the information in your .csv or .xml file will overwrite the information in the database for that teacher.
- If an optional field is left blank in the .csv or .xml file and data already exists in the database for that USER\_NAME, the existing data will remain as it is; blank fields will not overwrite existing data.
- If nothing is entered for PASSWORD in the .csv or .xml file, the default will be **password**.

Below is an example of how you might format a valid .csv file:

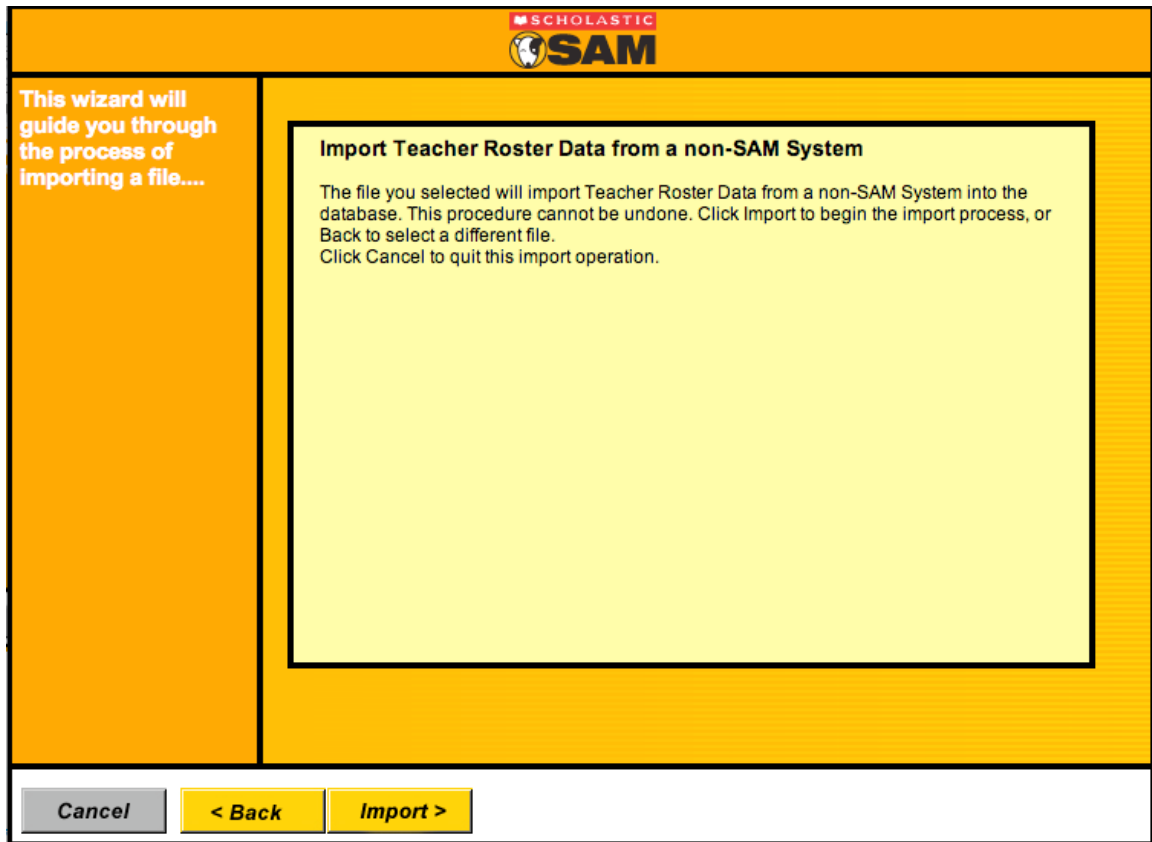
```
DISTRICT_USER_ID,SPS_ID,PREFIX,FIRST_NAME,LAST_NAME,TITL
E,SUFFIX,EMAIL,USER_NAME,PASSWORD,SCHOOL_NAME,CLASS_
NAME
141210,1024,Ms.,Sarah,Green,Teacher,Jr.,sgreen@lincolnschool.edu,Sa
rahGreen,SG024,The Lincoln School,English Class
56678,1025,Mr.,Jamal,Evans,Teacher,,jevans@lincolnschool.edu,JamalE
vans,JE555,The Lincoln School,Math Class
```

2. Sign in to SAM as an administrator.
3. Click on the **Roster** tab.
4. In the **Advanced Settings** menu in the lower right corner, click on the **Import** link. This will open the **Select a File** screen.

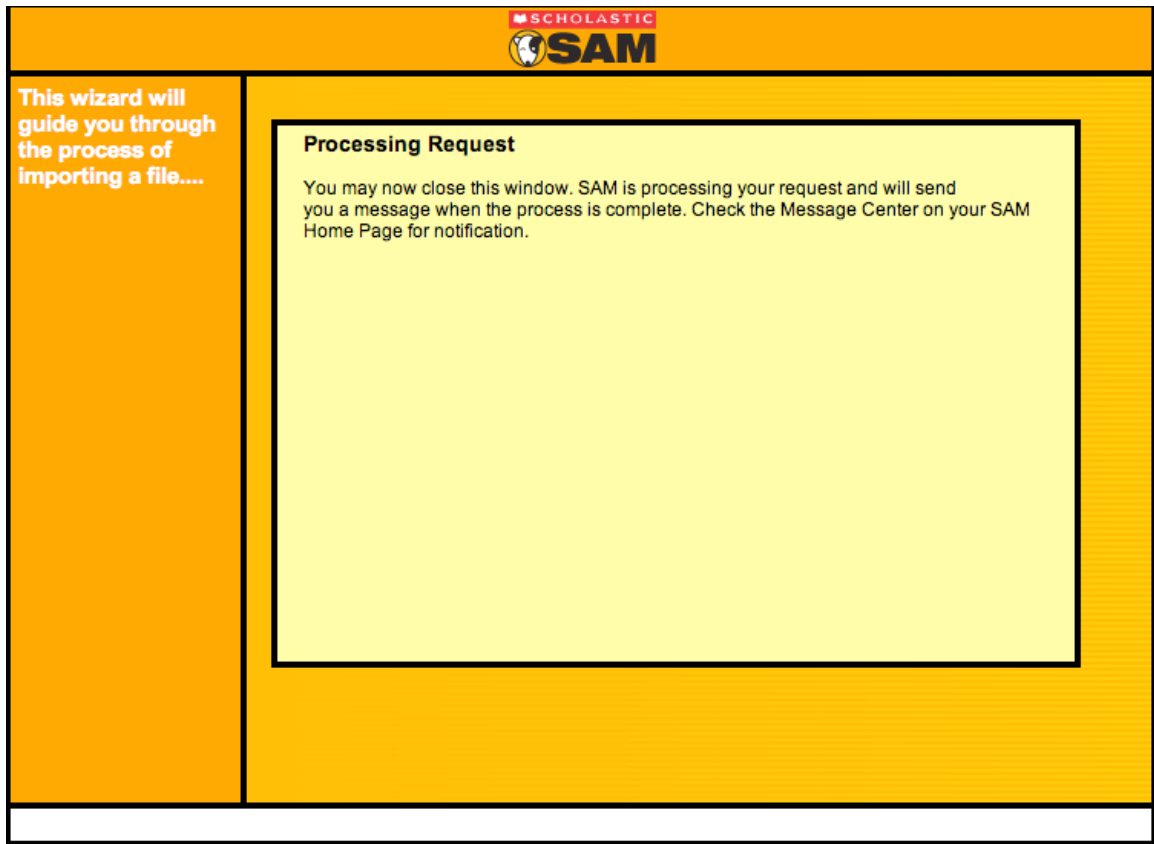
5. On the **Select a File** screen, click the **Browse** button (or the **Choose File** button on a Mac). This will open a window in which you can select the .csv or .xml file that you created in **Step 1**.



6. After you select the file, click the **Next** button. This will open the **Import Teacher Roster Data** screen.



7. If you are sure you want to import the selected file, click **Import**. This will open the **Processing Request** screen.



8. At this point, the import process is done. Click **Close** and return to the main SAM interface. An alert will appear in the **Message Center** when the roster import process is finished.

---

## Database Restore Utility

SAM now has a utility that you can use to restore a SAM Enterprise Edition database from a backup. **WARNING: Restoring a database will write over the current database.** This function should only be performed by the School or District Technical Coordinator and only if the current database is lost or corrupted.

You can restore your SAM database using Scholastic's EE Database Restore Utility, which you can download from Scholastic's EE Software Updates site at <http://teacher.scholastic.com/products/read180/techsupp/updates.htm>.

### IMPORTANT NOTES:

- The database backup you plan to restore must be generated in SAM Enterprise Edition 1.1 or later.
- The backup can only be restored to a server running the same version of SAM. You cannot restore a SAM Enterprise Edition 1.1 database to a SAM Enterprise Edition 1.2 installation.
- **IMPORTANT:** Be sure to back up your database before running this utility, as it will permanently replace all existing data on your SAM system.

### To Restore a Database

1. Once you have extracted the Database Restore Utility .zip file, copy the Utility, called "restoreEEDatabase.jar" to the "util" folder under your SAM Enterprise Edition installation directory (e.g. /ScholasticEE/SAM\_Server/util).
2. If your backup was created in SAM, you will have a .zip file. Extract the .zip file; you will see an .sql file. Save the .sql file to a convenient location (you can use the same "util" folder in which you put the Utility).
3. Make a backup of your current SAM Enterprise Edition database if you think you may need it later. Remember, running this **Database Restore Utility** will permanently replace all existing data.
4. Stop the **ScholasticJBoss** service before running the **Database Restore Utility**.
5. Run the **Database Restore Utility**. Below are steps for Windows and Mac Operating Systems.

#### Windows OS

- a) Open a Windows command prompt.
- b) Change directories to your SAM Enterprise Edition installation directory (e.g. C:\ScholasticEE\SAM\_Server).
- c) Enter the following command:

```
java\bin\java -jar util\restoreEEDatabase.jar [database file path]
```

(Note that [database file path] is the full path to the database backup .sql file that is being restored)

d) You will be prompted with a warning message. To continue, type 'y' and press enter to continue with the database restore.

### **Mac OS**

a) Open a Terminal Window.

b) Change directories to your SAM Enterprise Edition installation directory (e.g. /ScholasticEE/SAM\_Server).

c) Enter the following command:

```
java -jar util/restoreEEDatabase.jar [database file path]
```

(Note that [database file path] is the full path to the database backup .sql file that is being restored)

d) You will be prompted with a warning message. Type 'y' and press enter to continue with the database restore.

6. Be patient while the database is being restored; depending on your server speed and the size of the database, this process can take several minutes.
7. Once the database restore is completed, restart the **ScholasticJBoss** service.

## Enhanced Student Search Functionality

You now have the ability to search for students from any screen in SAM.

### To initiate a search:

1. Click the **Search** link at the top right corner of any screen in SAM. This will open a Search window.

**SAM Student Search**

Use the options below to enter criteria for your search. You must select at least one option, selecting more options will narrow your search.

Name  Student ID  Teacher  School  Grade

Name	Student ID	Username	School	Grade	Classes	Teachers
Chung, Elizabeth	ec1	ec1	South Middle	106	English 10 a.m.	Ricardo, Alex Tong, Yasmin Wilson, Penelope

One student found

2. Enter as much or as little information as you want to define your search. Choices are:
  - **Student Name** (note that when entering a student's name, you may only use two names, so if a student has two words in his or her last name, such as Van Tyne, you may not include a first name as well).
  - **Student ID**—enter a student ID number
  - **Teacher Name**—enter a teacher name
  - **School**—use the pull-down menu to select a school
  - **Grade**—use the pull-down menu to select a grade
3. Click the **Go** button when you have entered your search parameters

Search results will be returned in the same window. If you would like to print your search, click the **Print Version** button at the bottom of the screen.



## Appendix A: UPDATE

Note that the timestamp format for backups is YYYYMMDDhhmm. There are no seconds in the timestamp, as previously stated in the *Installation and Troubleshooting Guide*.

## Appendix B: Update

### Appendix B1: SAM Server Folders

Folder or subfolder		Description
Top (Root) Directory of Hard Drive		Example: C:\ or MyMacHardDrive/
	\ScholasticEE	The topmost directory that holds SAM Server. The name of this directory is customizable during installation; hence the name may be different. For example, if the user running the installer decided to not use the default path, and instead puts the SAM Server at "C:\MySchoolSAM", the "ScholasticEE" directory name would be REPLACED BY the name "MySchoolSAM".
	\SAM_Server	Holds ALL SAM Server files, including the database. This directory name and all sub-directories are fixed; not customizable by the installation process. This directory also includes installer log files.
	\backup	Installation-based backups. Each time the SAM Server is upgraded, a new sub-directory is created and a backup of the database (mysql) and server (jboss) is placed here. The current time is used to create the sub-directory in the form of YYYYMMDDhhmm
	\java	(PC Only) Installer support file.
	\jboss	The JBoss server
	\server\lycea\deploy\backup.war\	Database backup files created by using the SAM Client "Backup" advanced setting process.
	\server\lycea\log	JBoss server log files. These log files contain information, warning, and error message produced by the JBoss server. Log entries are written to the 'server.log' file; every 24 hours the server.log file is moved to server.log.[time-stamp], and a new server.log file is started.
	\server\lycea\deploy\backup.war\	Database backup files created by using the SAM Client "Backup" advanced setting process.
	\log	Installer log files and JBoss standard output and error log files.
	\mysql	Database directory
	\data AND \ibdata AND \iblogs	These three directories contain ALL SAM Server database data.

Folder or subfolder				Description
			<b>\data</b>	Contains error files for localhost and machine-name files
			<b>\support\AIDA32</b>	Windows Only. AIDA32 is a program that analysis a machine and reports on all hardware and installed software components. For problem machines, this program is used to generate an electronic report to be sent to Scholastic. See the appendix section of this document for how to use AIDA32.
			<b>\uninstall</b>	Instructions on how to uninstall the SAM server installation
			<b>\util</b>	Utilities for supporting SAM Server
			<b>ScholasticMySQL</b>	Mac OSX Only. Contains database startup and shutdown script
			<b>ScholasticJBoss</b>	Mac OSX Only. Contains JBoss server startup and shutdown script

## Appendix B2: SAM Client Workstation Folders

Folder or subfolder		Description
Top (Root) Directory of Hard Drive		Example: C:\ or MyMacHardDrive/
	\Program Files	Windows Only: General location that holds application programs
	\Applications	Mac OSX and Classic Only: General location that holds application programs
	\Scholastic Enterprise	Holds all Scholastic Enterprise Edition client applications. Also contains installation log files.
	\READ180	READ 180 EE Client
	\ReadAbout	ReadAbout EE Client
	\rSkills	RSkills Tests EE Client
	\SAM	Scholastic Achievement Manager (SAM) Client
	\SRC	Scholastic Reading Counts! (SRC) Client
	\SRI	Scholastic Reading Inventory (SRI) Client
	\support\AIDA32	Windows Only. AIDA32 is a program that analysis a machine and reports on all hardware and installed software components. For problem machines, this program is used to generate an electronic report to be sent to Scholastic. See the appendix section of this document for how to use AIDA32.

## FAQ Updates

**IMPORTANT NOTE:** The *ReadAbout Technical and Installation Guide* for Enterprise Edition v1.1 may refer to Operating Systems no longer compatible with *ReadAbout* and SAM release v1.4. Be sure to check

[http://teacher.scholastic.com/products/ReadAbout/pdfs/ReadAbout\\_TechSpecs.pdf](http://teacher.scholastic.com/products/ReadAbout/pdfs/ReadAbout_TechSpecs.pdf) for the most recent system and technical requirement information.

### **FAQ: Stopping and Starting Services**

**Q:** How can I manually stop and start the server applications?

**A:** In general, the server applications will start after the initial installation, and also upon each boot of the machine. It should therefore be unnecessary for a user to start the server application manually. Services will stop when the machine is shut down.

Both ScholasticMySQL (a database engine) and ScholasticJBoss: JSEE (application server) are installed by SAM. Starting and stopping them will not affect other non-SAM services.

The server applications will start after the initial installation, and also each time the machine boots up. It should therefore be unnecessary for you to start the server application manually.

#### **To stop services:**

You must stop JBoss first, wait approximately 10 seconds, and then stop MySQL.

#### **Windows:**

1. Log in as administrator.
2. Go to **Start → Settings → Control Panel → Administrative Tools → Services**
3. In the list, look for ScholasticMySQL and ScholasticJBoss
4. Stop services by right-clicking on the service, and selecting the **Stop** button.

#### **Mac OS X:**

1. Open **Applications > Utilities > Terminal**
2. Type: 'sudo /sbin/SystemStarter stop ScholasticJBoss'
3. Type: 'sudo /sbin/SystemStarter stop ScholasticMySQL'

**To start services:**

You must start the ScholasticMySQL service first, then wait about 10 seconds before starting the ScholasticJBoss service. The ScholasticJBoss service can take up to 5 minutes to start on older machines.

**Windows:**

1. Log in as administrator.
2. Go to **Start → Settings → Control Panel → Administrative Tools → Services**
3. Right-click on the service, and select **Start**.

You will know that the services are running correctly if you can access the SAM EE system via the SAM Client.

As an alternative to using the GUI Administrative Services screen, you can also use the windows command line as follows:

```
net start ScholasticMySQL
net start ScholasticJBoss
```

**Mac OS X:**

Each server application has a startup item/startup script.

1. Open **Applications > Utilities > Terminal**
2. Type: 'sudo /sbin/SystemStarter start ScholasticMySQL'
3. Type: 'sudo /sbin/SystemStarter start ScholasticJBoss'

**Update Note:** Using SystemStarter instead of calling the startup item scripts directly accomplishes two things:

- Services are not attached to a user session and therefore won't disappear upon logout
- Dependencies are resolved. Note that starting ScholasticJBoss alone by this method will start ScholasticMySQL for you. Likewise, shutting down ScholasticMySQL will also cause ScholasticJBoss to shut down first.

**FAQ: QuickTime**

**ReadAbout** Enterprise Edition v1.1 and v1.2 do not support QuickTime versions later than 6.5.2. Enterprise Edition v1.4 supports QuickTime version 7.1.6 for Windows and 7.2.x for Macintosh.

## Contact Information

To learn more about *ReadAbout* go to:

**<http://teacher.scholastic.com/products/ReadAbout/index.html>**

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To inquire about *ReadAbout*, purchase or activate licenses, or track shipped materials, call:

Customer Service: 1-877-234-READ (7323)      7:00 A.M. – 6:00 P.M. (CST)

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To get technical support:

Technical Support: 1-800-283-5974      7:00 A.M. – 8:00 P.M. (EST)

Navigate from **<http://teacher.scholastic.com/products/ReadAbout/index.html>** to technical support or customer service, and to read FAQs.

Direct email address: [TechSupport@scholastic.com](mailto:TechSupport@scholastic.com)