Data Extract Zip Tool

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Infinite Campus has announced that the Data Extract Utility PULL method will be discontinued, with an end-of-life date set for June 30th, 2025. Impacts:

- PULL .bat files previously created with the PULL Client tool (ExtractWizardHelper.bat a.k.a. exportWizard) will no longer function. Districts extracting data by running PULL .bat files need to migrate to another delivery method (SFTP, FTPS, SMB) for these extracts prior to deprecation.
- The PULL Client tool, which is used for authenticating into Infinite Campus, will no longer function correctly and will result in a connection error for users still attempting to utilize this method.
- On the Data Extract Utility screen within Infinite Campus, PULL mode will be renamed to Test Extract. The Test Extract button will continue to function.

It's important to note that customers using other delivery methods (SFTP, FTPS, SMB) will **not** be affected by this change. For those impacted, it will be crucial to plan and execute the transition well ahead of the deadline to avoid disruptions in data access and operations.

Data Extract Zip Tool Definitions | Create Zip Tool Extract | Create a Student Photo Extract Zip Tool

Tool Search: Data Extract Zip Tool

The Data Extract Zip Tool functions like the Utility Setup tool, where users can upload a file to export to a third-party system. Unlike the Utility Setup tool, the Zip Tool allows users to upload multiple files to export to a third-party system.
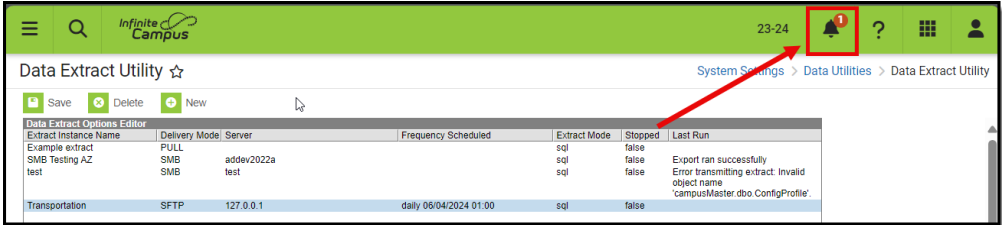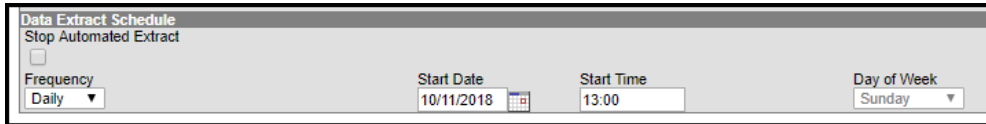
Data Extract Zip Tool Definitions

The following table provides definitions of the data elements available in the Zip Tool Editor.

Field	Description
Extract Instance Name	Description of the extract.

Field	Description

Delivery Mode	Indicates how the extract is delivered.
	• **SMB** - *Server Message Block*. This works with an operating system higher than Windows Xp; used in Windows networks to allow resources such as files on one machine to be shared on other machines as if they were local.
	• **SFTP Legacy (Being Deprecated)** - This is an outdated version of SFTP which will be deprecated in the future. Users should transition to the other SFTP option as soon as possible to avoid disruptions once this delivery mode is removed.
	• **SFTP** - *Secure File Transfer Protocol*. An encrypted form of file transfer between a local system and any system on the network.
	• **FTPS** - *File Transfer Protocol Secured*. An encrypted form of file transfer between a local system and any system on the network. This option also allows different encryption methods:
	    ◦ **SSL** (Secure Sockets Layer)
	    ◦ **TLS** (Transport Layer Security)
	• **PULL** - This option can be used in conjunction with the Export Wizard utility. This delivery mode allows for a separate client to be installed on a district server (not to be provided to third-party vendors) and setup to pull the desired extract using https via a Windows Scheduled task. See the Pull Delivery Mode section for information on using this option. When marked, the Student Photo Extract checkbox is removed.

Student Photo Extract	Creates a zip file of the picture directory. Only files for students with an enrollment record in the selected active school year are included. When this is marked, the following is not available: • PULL Delivery Mode • Select Instance to Include section • Daily Frequency option Note: Photos are generated with a **[personID].jpg** naming convention. **This is NOT available in State Edition.**
File Name	File name associated with the extract being generated. Often a third-party tool needs this name.
Append Date to Filename	When selected, includes a date in the file, so as not to overwrite an existing file. Choose the format of the date, either the normal date format of *yyyymmdd* or date and time format of *yyyymmddhhmmssSS.*
Username	Username used to access the destination server.
Password	Password used to access the destination server.
Domain	An identification label, using a string of letters and numbers separated by periods, to name organizations and addresses on the internet and to define a realm of administrative autonomy in the internet.

Field	Description
Server	A computer that provides client stations with access to files and printers as shared resources to a computer network. Can be an IP address or a server domain name.
Port	Indicates the value required to connect to the server. 1. SFTP default = 22 2. FTPS default = 990
Path	Indicates the navigation path the user takes to find the server or files. This needs to be an absolute path and include the /upload indicator.
Error Notification	If marked, any errors that occur are sent to the Notifications area of Infinite Campus (see below) to all users within the user group selected in the User Group to Notify dropdown list.
User Group to Notify	This group is notified via a Notifications message when an error occurs while using the Data Extract Zip tool. You must have the Error Notification checkbox marked to utilize this functionality.
Select Instances to Include	Mark the file instances to include in the zip file. These options display every instance of extracts that were previously set up in the DEU Setup.
Test Connection	This button checks the connection to the entered server by attempting to write a 1-byte file to the location setup. When it is successful, a pop-up displays indicating the connection is good; when it is not successful, it provides the reason the connection failed.
Run Extract	This button runs and generates the extract, sends and stores the file where needed (in case of an issue when it is an auto-run extract).

Field	Description
Data Extract Schedule	Lists the frequency, date, time and day of the week the extract runs. When this needs to stop for any reason, mark the **Stop Automated Extract** checkbox. Data Extract Schedule Stop Automated Extract ☐ Frequency: Daily ▼　Start Date: 10/11/2018　Start Time: 13:00　Day of Week: Sunday ▼ Frequency options include: - None - Daily - Weekly - Monthly (Only available if the Student Photo Extract is selected) When the **Frequency** value is set to Weekly or Monthly, the Start Time can only be between 10:00 pm and 4:00 am (2200 to 0400).

Create Zip Tool Extract

The creation of new extracts should be done by technical administrators only.

1. Select **New**. A **Detail Information** section displays.
2. Enter the **Extract Instance Name**.
3. Choose the other necessary items for adding the extract by populating and marking the appropriate fields, as defined above.
4. Click **Save** when finished. Additional modifications may be made to the extract to determine when the extract should be generated.

At this time, a user can select the available buttons to test the connection to the server or run the extract.

1. The **Test Connection** button checks the connection to the entered server by attempting to write a 1-byte file to the location setup. When it is successful, a pop-up displays indicating the connection is good; when it is not successful, it provides the reason the connection failed.
2. The **Run Extract** button runs and generates the extract, sends and stores the file where needed (in case of an issue when it is an auto-run extract).

Create a Student Photo Extract Zip Tool

1. Select **New**. A **Detail Information** section displays.
2. Enter the **Extract Instance Name**.
3. Select the desired **Delivery Mode.**

4. Mark the **Student Photo Extract** checkbox.
5. Enter a **File Name, Username,** and **Server.**
6. Choose the other necessary items for adding the extract by populating and marking the appropriate fields, as defined above.
7. In the **Data Extract Schedule**, choose the desired **Frequency.**
   - When using **Monthly,** choose the **Start Date, Start Time,** and the **Day of Month** on which the extract should run.
   - When using **Weekly,** choose the **Start Date, Start Time**, and the **Day of Week** on which the extract should run.
8. Click **Save** when finished. Additional modifications may be made to the extract to determine when the extract should be generated.

At this time, a user can select the available buttons to test the connection to the server or generate the extract.

1. The **Test Connection** button checks the connection to the entered server by attempting to write a 1-byte file to the location setup. When it is successful, a pop-up displays indicating the connection is good; when it is not successful, it provides the reason the connection failed.
2. The **Run Extract** button runs and generates the extract, sends and stores the file where needed (in case of an issue when it is an auto-run extract).

When the Student Photo Extract zip file has been successfully sent to the destination server, or there was an error generating the zip file, it is removed from the app server.

When the Student Photo Extract zip file has been successfully sent to the destination server, or there was an error, it is logged in Data Extract History.