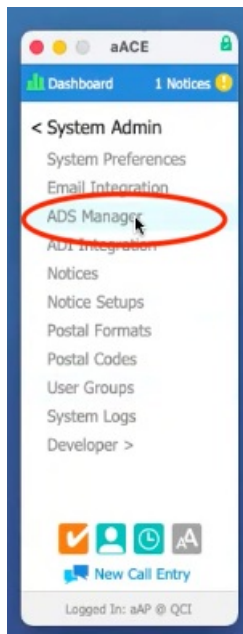


Configuring the ADS Manager

Last Modified on 09/26/2025 11:11 am EDT

To access the ADS Manager from the Main Menu, Go to System Admin > ADS Manager.



The aACE Data Service Manager window is where you configure the service.

A screenshot of the 'aACE Data Service Manager' window. The window has a title bar and a lock icon. It is divided into two main sections: 'General Settings' and 'Data'.
General Settings:
- 'Web Service URL' is empty.
- 'ADS File Name' is 'aACE6_Integration_ADS'.
- 'Server Address' is 'aace.com'.
- 'Test mode' is unchecked, with a note: 'Test mode will only process one query per table.'
Data:
- 'Data Starts' is '2018'.
- Buttons: 'Upload Data to ADS', 'Self-Heal ADS', 'Reset Data'.
Modules:
A table with columns: Sync, Module, Last Upload, Next Sync, Next Self-Heal, and Process Data.

Sync	Module	Last Upload	Next Sync	Next Self-Heal	Process Data
<input checked="" type="checkbox"/>	Company Addresses	8/26/2025 8:01:12 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Company Payment Accounts	8/26/2025 8:01:12 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Contact Types	8/26/2025 8:01:13 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Contacts	8/26/2025 8:01:13 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Customer Sales History	8/26/2025 8:01:24 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input type="checkbox"/>	Dashboard				Process Data
<input checked="" type="checkbox"/>	Disbursement Items	8/26/2025 8:01:35 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Disbursements	8/26/2025 8:01:46 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input type="checkbox"/>	Do Not Schedule Dates				Process Data
<input type="checkbox"/>	Document Versions				Process Data
<input type="checkbox"/>	Documents				Process Data
<input checked="" type="checkbox"/>	Emails	8/26/2025 8:01:57 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Fiscal Years	8/26/2025 8:02:10 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data

In the General Settings area, the Web Service URL is the end point.

General Settings

Web Service URL

ADS File Name: aACE6_Integration_ADS

Server Address

☐ Test mode
Test mode will only process one query per table.

Data

Data Starts: 2018

Upload Data to ADS Self-Heal ADS Reset Data

The ADS File Name is the name of our integration file.

The Server Address is the address of the ACE server from which the data is being extracted.

General Settings

Web Service URL

ADS File Name: aACE6_Integration_ADS

Server Address

☐ Test mode
Test mode will only process one query per table.

Data

Data Starts: 2018

Upload Data to ADS Self-Heal ADS Reset Data

Looking at this service as an add-on to aACE, these fields are telling the service where to go to get the data and where to post the data.

Under the Data area, to the right, the Data Starts field is the first year of data extracted.

Data

Data Starts: 2018



Upload Data to ADS Self-Heal ADS Reset Data

By default, the service loops through every year since there is data in the system and asks, "What are all of my record IDs in ACE?" And then it hands that off to ADS as a special request. ADS then says, "Is there anything in ADS that is not in the list just sent to me?" And if there is, then it pulls it out of ADS. That's part of the nightly process.




The Modules list shows us all the tables (or modules) in the aACE system that are currently set up to be extracted. Using the Sync checkboxes you can select the Modules that you want included in the upload.

The Process Data button will sync the table. This includes updating the schema, uploading

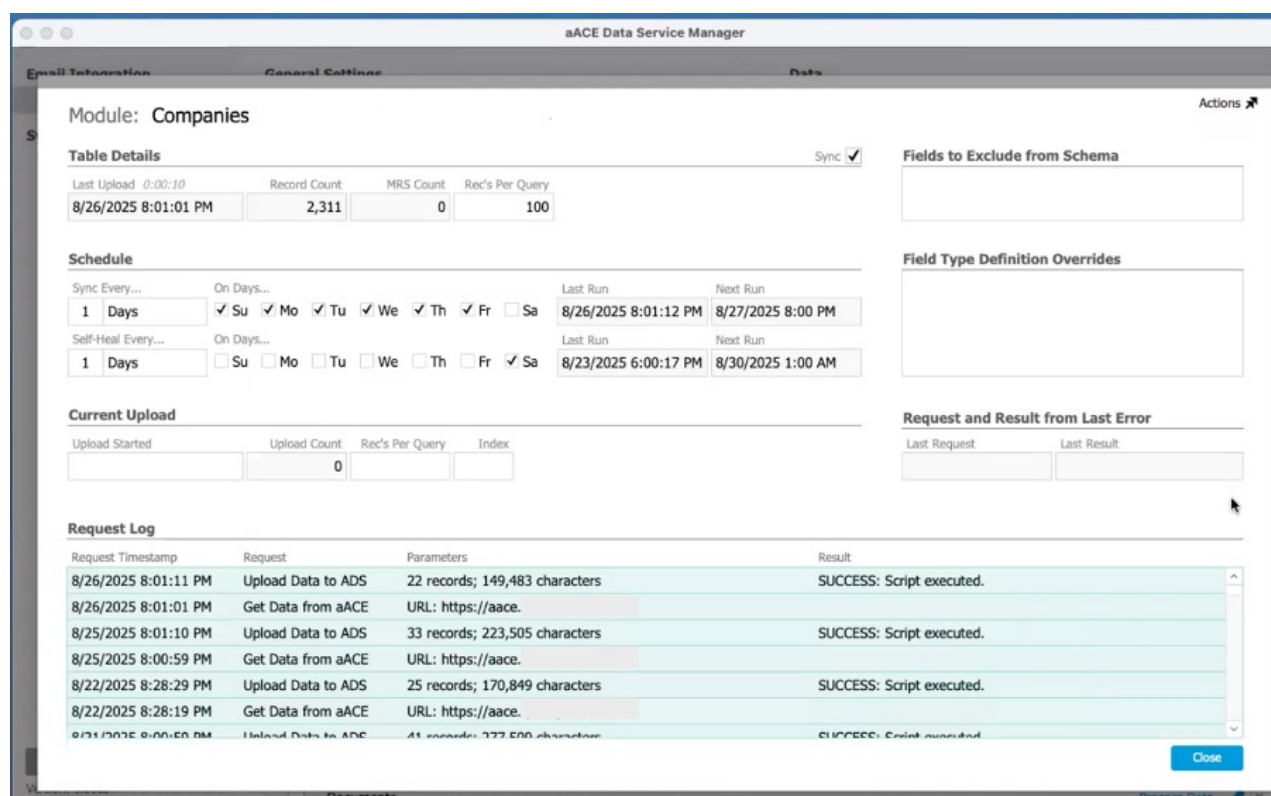
the records, adding missing records, and removing deleted records.

<input checked="" type="checkbox"/>	Disbursement Items	8/26/2025 8:01:35 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data 
<input checked="" type="checkbox"/>	Disbursements	8/26/2025 8:01:46 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data 

Clicking on the little pencil icon will display the Module Table Detail window for that module.

<input checked="" type="checkbox"/>	Commission Statements	8/26/2025 8:01 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data 
<input checked="" type="checkbox"/>	Companies	8/26/2025 8:01:01 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data 
<input checked="" type="checkbox"/>	Company Addresses	8/26/2025 8:01:12 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data 

The Module Table Detail is where we can get more specific configuration and details per Table.



aACE Data Service Manager

Module: Companies

Table Details Sync ☒

Last Upload	Record Count	MRS Count	Rec's Per Query
8/26/2025 8:01:01 PM	2,311	0	100

Schedule

Sync Every... Days On Days... ☒ Su ☒ Mo ☒ Tu ☒ We ☒ Th ☒ Fr ☐ Sa

Self-Heal Every... Days On Days... ☐ Su ☐ Mo ☐ Tu ☐ We ☐ Th ☐ Fr ☒ Sa

Last Run: 8/26/2025 8:01:12 PM Next Run: 8/27/2025 8:00 PM

Last Run: 8/23/2025 6:00:17 PM Next Run: 8/30/2025 1:00 AM

Current Upload

Upload Started	Upload Count	Rec's Per Query	Index
	0		

Request Log

Request Timestamp	Request	Parameters	Result
8/26/2025 8:01:11 PM	Upload Data to ADS	22 records; 149,483 characters	SUCCESS: Script executed.
8/26/2025 8:01:01 PM	Get Data from aACE	URL: https://aace.	
8/25/2025 8:01:10 PM	Upload Data to ADS	33 records; 223,505 characters	SUCCESS: Script executed.
8/25/2025 8:00:59 PM	Get Data from aACE	URL: https://aace.	
8/22/2025 8:28:29 PM	Upload Data to ADS	25 records; 170,849 characters	SUCCESS: Script executed.
8/22/2025 8:28:19 PM	Get Data from aACE	URL: https://aace.	
8/21/2025 8:00:50 PM	Upload Data to ADS	41 records; 373,500 characters	SUCCESS: Script executed.

Fields to Exclude from Schema

Field Type Definition Overrides

Request and Result from Last Error

Last Request	Last Result

Close

In the upper right corner of the window, the Actions button displays a drop-down list of actions that can be performed on this table/module specifically outside of the scheduled activity. The list is a breakdown of steps the scheduled nightly process takes.

- Go to ADS Layout – This takes you to more advanced field settings. Contact aACE Support for additional information in this area.
- Update Schema – First Step: if field names changed or were added, that is accommodated.
- Upload Data – Second Step: the actual upload process.
- Add Missing Records – Third Step: missing records are added.

- Remove Deleted Records – Forth Step: deleted records are removed.

Module: Companies

Table Details

Last Upload	Record Count	MRS Count	Rec's Per Query
8/26/2025 8:01:01 PM	2,311	0	100

Schedule

Sync Every... 1 Days On Days... ☒ Su ☒ Mo ☒ Tu ☒ We ☒ Th ☒ Fr ☐ Sa

Self-Heal Every... 1 Days On Days... ☐ Su ☐ Mo ☐ Tu ☐ We ☐ Th ☐ Fr ☒ Sa

Last Run 8/26/2025 8:01:12 PM Next Run 8/27/2025 8:00 PM

Last Run 8/23/2025 6:00:17 PM Next Run 8/30/2025 1:00 AM

Actions

- Go to ADS Layout
- Update Schema
- Upload Data
- Add Missing Records
- Remove Deleted Records

In the Table Details area on the upper left of the window we see the Last Updated field.

Table Details

Last Upload	Record Count	MRS Count	Rec's Per Query
8/26/2025 8:01:01 PM	2,311	0	100

In the example shown, we can see the last time this module was uploaded was 8/26/25 at 8:00 PM. Above the field in grey text we can also see that the upload took 10 seconds to perform.

Table Details

Last Upload	Record Count	MRS Count	Rec's Per Query
8/26/2025 8:01:01 PM	2,311	0	100

The Record count field is important for record by record comparisons. If you're in ACE and you see 2312 companies, but ADS only has 2311. So, one new company was added since the upload process was performed.

Table Details

Last Upload	Record Count	MRS Count	Rec's Per Query
8/26/2025 8:01:01 PM	2,311	0	100

The Rec's Per Query field records the number of IDs allowed per query. We use this to regulate how much data we allow in a single payload. If "100" is set here, aACE will loop through this table 100 at a time and upload those to ADS. One ADS subscriber may have a lot of information in their company records, but maybe another subscriber may have very little. aACE is designed to zero that in to be as efficient as possible which is especially important for tables with millions of records. The system starts at a 500, and if it encounters

a payload error, it drops it down to 400 and then tries again, and then if it continues to fail, then it tries 300 and tries again until it finds the correct record count for a query.

There is the possibility that something gets missed. For example, there is maybe some overlap between records or between data sets. Consider the scenario of uploaded 500 and then getting an error, then uploaded 400 and getting an error. Then 300... With all of that juggling, there is a possibility that a record or a batch of records gets missed. The scheduled Self-Healer corrects for that.

Schedule

Sync Every...	On Days...	Last Run	Next Run
1 Days	<input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> Mo <input checked="" type="checkbox"/> Tu <input checked="" type="checkbox"/> We <input checked="" type="checkbox"/> Th <input checked="" type="checkbox"/> Fr <input type="checkbox"/> Sa	8/26/2025 8:01:12 PM	8/27/2025 8:00 PM
Self-Heal Every...	On Days...	Last Run	Next Run
1 Days	<input type="checkbox"/> Su <input type="checkbox"/> Mo <input type="checkbox"/> Tu <input type="checkbox"/> We <input type="checkbox"/> Th <input type="checkbox"/> Fr <input checked="" type="checkbox"/> Sa	8/23/2025 6:00:17 PM	8/30/2025 1:00 AM

With the settings shown here, we see that once a week (on Saturday) a record comparison is performed which will make sure that nothing got missed for too long. In the event something was missed, it'll upload it.

There are two components of ADS scheduling. In aACE System Preferences, the ADS Sync and ADS Self-Heal scripts can be enabled and assigned a schedule.

aACE System Preferences

Database Documents aACE Menu Shipping Setup Custom Value Lists Units of Measure Automation Schedules

☒ Server Schedules Oldest server schedule cycle: < 1 minute

Schedule Status Schedule Setup FM Server Timer Schedules

On	Schedule Script	Last Run	Group	Status	RUN
<input type="checkbox"/>	Auto-Generate Daily Timesheets		B		RUN
<input checked="" type="checkbox"/>	Send Important Date Notifications	13 hours	C	Next: 08/29/2025 12:00 AM	RUN
<input checked="" type="checkbox"/>	Auto-Reverse GJ Entries	10 hours	A	Next: 08/29/2025 03:00 AM	RUN
<input type="checkbox"/>	Update GL Budget Actuals		A		RUN
<input checked="" type="checkbox"/>	Update Commissions	7 hours	C	Next: 08/29/2025 06:00 AM	RUN
<input type="checkbox"/>	Generate Inventory Replenishment		C		RUN
<input checked="" type="checkbox"/>	Generate COGS Reconciliation	4 days	A	Next: 08/31/2025 06:00 PM	RUN
<input checked="" type="checkbox"/>	Generate COGS Reconciliation	28 days	B	Next: 08/31/2025 10:00 PM	RUN
<input type="checkbox"/>	Archive Data		A		RUN
<input type="checkbox"/>	Credit Card Expiration Notifications		B		RUN
<input checked="" type="checkbox"/>	Send Pending Notices	< 1 minute	B	Next: 08/28/2025 01:12:44 PM	RUN
<input type="checkbox"/>	Auto-Send Remittance Advice		G		RUN
<input checked="" type="checkbox"/>	Retrieve Incoming Emails	< 1 minute	E	Next: 08/28/2025 01:13 PM	RUN
<input checked="" type="checkbox"/>	Send Outgoing Emails	< 1 minute	E	Next: 08/28/2025 01:13 PM	RUN
<input checked="" type="checkbox"/>	Process ADI Requests	7 minutes	E	Next: 08/28/2025 01:16 PM	RUN
<input checked="" type="checkbox"/>	ADS Sync	17 hours	E	Next: 08/28/2025 08:00 PM	RUN
<input checked="" type="checkbox"/>	ADS Self-Heal	5 days	H	Next: 08/30/2025 06:00 PM	RUN

In the above example, we have the ACE ADS Sync schedule starting every night at 8:00 PM, and then the self-healer kicking off every Saturday at 6:00. Once that gets triggered, then it

kind of does a second evaluation. Within the ADS Manager Module/Table Detail interface a sub-schedule can be set. For example, even if we have the overall ADS Sync running every night at 8:00, but Companies is only set to sync on Saturday, then the script will skip it every day except for Saturday.

Module: Timesheets

Table Details Sync ☒

Last Upload	Record Count	MRS Count	Rec's Per Query
8/26/2025 8:11:41 PM	24	0	100

Schedule

Sync Every...	On Days...	Last Run	Next Run
1 Days	<input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> Mo <input checked="" type="checkbox"/> Tu <input checked="" type="checkbox"/> We <input checked="" type="checkbox"/> Th <input checked="" type="checkbox"/> Fr <input type="checkbox"/> Sa	8/26/2025 8:11:51 PM	8/27/2025 8:00 PM

Self-Heal Every...	On Days...	Last Run	Next Run
1 Days	<input type="checkbox"/> Su <input type="checkbox"/> Mo <input type="checkbox"/> Tu <input type="checkbox"/> We <input type="checkbox"/> Th <input type="checkbox"/> Fr <input checked="" type="checkbox"/> Sa	8/23/2025 6:05:46 PM	8/30/2025 1:00 AM

In the Modules table, the Last Updated column will show how long the process is taking to run. In the example below, we have it initiating at 8:00 PM, that means Currencies, at the top of the list, is finished in 45 seconds; and, at the bottom of the list, Timesheets is done 11 minutes, 41 seconds later.

Modules

Sync	Module	Last Upload	Next Sync	Next Self-Heal	
<input checked="" type="checkbox"/>	aACE Currencies	8/26/2025 8:00:45 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input type="checkbox"/>	aACE Events	6/17/2025 12:00 PM			Process Data
<input checked="" type="checkbox"/>	aACE Report Preferences	8/26/2025 8:00:46 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Accounting Periods	8/26/2025 8:00:46 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Shipping Log Items	8/26/2025 8:09:36 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	System Logs	8/26/2025 8:09:49 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input type="checkbox"/>	System Preferences				Process Data
<input checked="" type="checkbox"/>	Task Group Items	8/26/2025 8:11:27 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Task Groups	8/26/2025 8:11:27 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Tasks	8/26/2025 8:11:27 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Tax Profile Items	8/26/2025 8:11:28 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Tax Profiles	8/26/2025 8:11:28 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Team Group Team Members	8/26/2025 8:11:29 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Team Members	8/26/2025 8:11:29 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Teams	8/26/2025 8:11:39 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Template Items	8/26/2025 8:11:40 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Templates	8/26/2025 8:11:40 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input type="checkbox"/>	Time	6/17/2025 12:00 PM			Process Data
<input checked="" type="checkbox"/>	Time Clock Stamps	8/26/2025 8:11:41 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input checked="" type="checkbox"/>	Timesheets	8/26/2025 8:11:41 PM	8/27/2025 8:00 PM	8/30/2025 1:00 AM	Process Data
<input type="checkbox"/>	Value List Items				Process Data
<input type="checkbox"/>	Value Lists				Process Data

The Current Upload area will give the user a real time view as an upload is being performed.

Current Upload

Upload Started

Upload Count

Rec's Per Query

Index

0

Filemaker versus SQL Data Types

FileMaker is a lot more forgiving when it comes to the data in a particular data type. It lets you put text values, for example, into number fields. SQL does not let you do that. So, in the event we run into that particular error, we flip the data type in SQL to be long text and that schema override gets populated in in the Field Type Definition Overrides field.

Module: General Ledger

Actions

Table Details

Sync

Last Upload

Record Count

MRS Count

Rec's Per Query

Module Name

8/26/2025 8:02:32 PM

205,610

0

100

General Ledger

Schedule

Sync Every...

On Days...

Last Run

Next Run

1 Days

☒ Su ☒ Mo ☒ Tu ☒ We ☒ Th ☒ Fr ☐ Sa

8/26/2025 8:02:48 PM

8/27/2025 8:00 PM

Self-Heal Every...

On Days...

Last Run

Next Run

1 Days

☐ Su ☐ Mo ☐ Tu ☐ We ☐ Th ☐ Fr ☒ Sa

8/23/2025 6:00:50 PM

8/30/2025 1:00 AM

Field Type Definition Overrides

{
 "TransactionID" : "LONGTEXT"
}

Current Upload

Upload Started

Upload Count

Rec's Per Query

Index

0

Request and Result from Last Error

Last Request

Last Result

Request Log

Request Timestamp	Request	Parameters	Result
8/26/2025 8:02:42 PM	Upload Data to ADS	66 records; 158,902 characters	SUCCESS: Script executed.
8/26/2025 8:02:32 PM	Get Data from aACE	URL: https://aace.qualitycontrols.	
8/25/2025 8:02:48 PM	Upload Data to ADS	53 records; 125,201 characters	SUCCESS: Script executed.
8/25/2025 8:02:38 PM	Upload Data to ADS	100 records; 228,148 characters	SUCCESS: Script executed.
8/25/2025 8:02:38 PM	Get Data from aACE	URL: https://aace.qualitycontrols.	SUCCESS: Script executed.
8/25/2025 8:02:28 PM	Get Data from aACE	URL: https://aace.qualitycontrols.	SUCCESS: Script executed.
8/24/2025 8:01:35 PM	Upload Data to ADS	3 records; 8,063 characters	SUCCESS: Script executed.

Close

We can also entirely exclude fields from the schema, for example, if it is determined that the Order Description field is never going be useful for reporting, and it contains an extraordinary amount of data. We can remove it using the Fields to Exclude from Schema field. This can also be done via the Actions drop down menu: Actions> Go to ADS Layout.

Module: General Ledger

Actions

Table Details

Sync

Last Upload: 8/26/2025 8:02:32 PM

Record Count: 205,610

MRS Count: 0

Rec's Per Query: 100

Module Name: General Ledger

Schedule

Sync Every: 1 Days

On Days: Su, Mo, Tu, We, Th, Fr, Sa

Last Run: 8/26/2025 8:02:48 PM

Next Run: 8/27/2025 8:00 PM

Self-Heal Every: 1 Days

On Days: Su, Mo, Tu, We, Th, Fr, Sa

Last Run: 8/23/2025 6:00:50 PM

Next Run: 8/30/2025 1:00 AM

Current Upload

Upload Started:

Upload Count: 0

Rec's Per Query:

Index:

Request Log

Request Timestamp	Request	Parameters	Result
8/26/2025 8:02:42 PM	Upload Data to ADS	66 records; 158,902 characters	SUCCESS: Script executed.
8/26/2025 8:02:32 PM	Get Data from aACE	URL: https://aace.qualitycontrols.	
8/25/2025 8:02:48 PM	Upload Data to ADS	53 records; 125,201 characters	SUCCESS: Script executed.
8/25/2025 8:02:38 PM	Upload Data to ADS	100 records; 228,148 characters	SUCCESS: Script executed.
8/25/2025 8:02:38 PM	Get Data from aACE	URL: https://aace.qualitycontrols.	SUCCESS: Script executed.
8/25/2025 8:02:28 PM	Get Data from aACE	URL: https://aace.qualitycontrols.	SUCCESS: Script executed.
8/24/2025 8:01:35 PM	Upload Data to ADS	3 records; 5,063 characters	SUCCESS: Script executed.

Close

Fields to Exclude from Schema

Field Type Definition Overrides

```
{  
  "TransactionID" : "LONGTEXT"  
}
```

Request and Result from Last Error

Last Request:

Last Result:

If an error does occur notifications can be set up in the Notice Setup module.

Notice Setup

Record: 1 of 1

New Edit Delete Print Actions

Notice Setup: ADS Sync Error (30020)

ACTIVE

Notice Setup Details

Notices Tasks Emails Docs

Setup Info

Team >

System Admin

☒ aACE Notice

☐ Email

☐ SMS Email

☒ Single User Completion

☐ Allow archiving _____ days after completion.

Setup Notes

Input setup notes here describing the purpose of this notice, including the file and scripts that trigger it.

File: File Name

Script: Script Name

Accepted Merge Fields:

Notice Template

Notice Title

ADS Sync Error

Notice Message

An error occurred during the sync with ADS. The sync for the following modules has been disabled:

<<ModuleNames>>

<<Errors>>