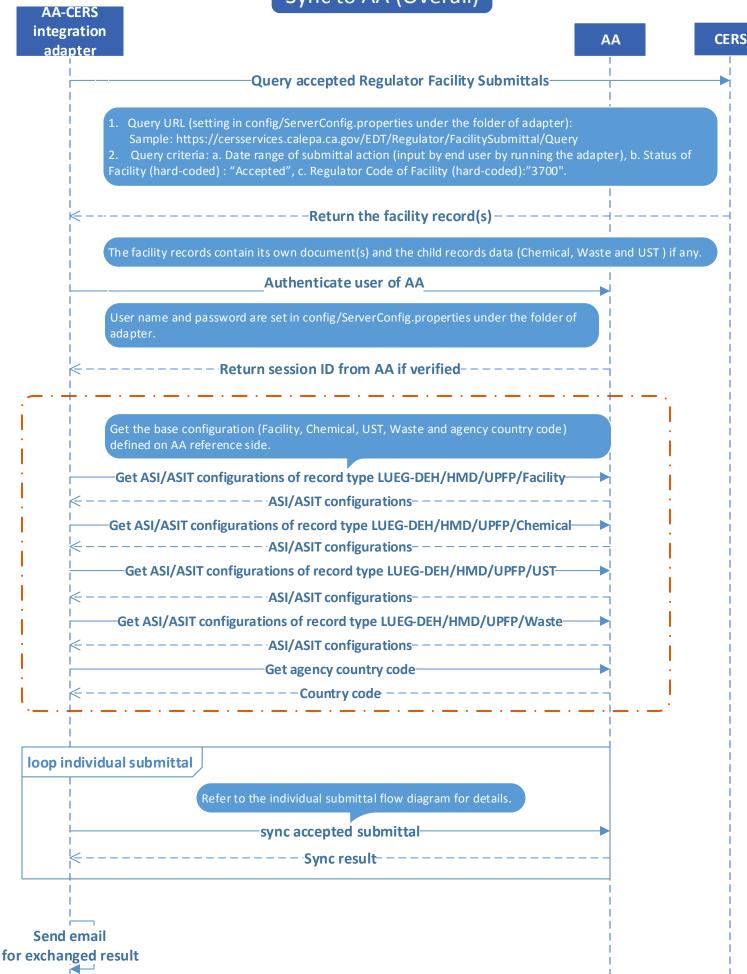
Sync to AA (Overall)



Sync to AA (individual submittal)

AA-CERS integration AA adapter Alternate Regulator key (mapping with Alt ID of record in AA) is not retuned from CERS —Query record by CERS ID-When the returned facility data just contains CERS ID that does not inculde Regulator key (i.e. Alt ID of record in AA), the adapter will base on CERS ID to check if the record (facility) exists in AA. -----Return the query result -----If the record exists in AA -Update the record (facility) with ASI, ASIT, contact If the record does not exist Create the record (facility) with ASI, ASIT and contact— Alternate Regulator key (mapping with Alt ID of record in AA) is retuned from CERS —Query record by regulator key (record Alt ID)— When the returned facility data contains regulator key (i.e. Alt ID of record in AA), the adapter will base on regulator key to check if the record exists in AA. -----return the guery result -----If the record exist in AA -Update the record (facility) with ASI, ASIT and contact— If the record does not exist in AA When the returned facility data contains regulator key (i.e. Alt ID of record in AA), the adapter will try to get the record of AA by regulator key. But the regulator key returned by Error CERS does not exist in AA, then this facility record won't be synced from CERS to AA. The error information will be sent by email for it. Loop to create the child records

-Create child record for Chemical-

If the status of Chemical (returned by CERS) is "Accepted" and the type of Chemical (returned by CERS) is "a" or "b", the record (Chemical) will be created in AA with record type "LUEG-DEH/HMD/UPFP/Chemical"

Create child record for Waste-

1. If the status of Waste (returned by CERS) is "Accepted", the record (Waste) will be created in AA with record type " LUEG-DEH/HMD/UPFP/Waste".

2. If the status of Chemical (returned by CERS) is "Accepted" and the type of Chemical is "c", the data of Chemical from CERS will be used to create the record (Waste) in AA with record type "LUEG-DEH/HMD/UPFP/Waste".

-Create child record for UST

If the status of UST (returned by CERS) is "Accepted", the record (UST) will be created in AA with record type " LUEG-DEH/HMD/UPFP/UST" .

Update parent record (facility) with child record relationships-

Updated relationships:

- 1. The created child records ID (Chemical) will be added into ASIT named "Chemical" of parent facility.
- 2. The created child records ID (Waste created by Chemical data (type c)) will be added into ASIT named "Waste" of parent facility.
- 3. The created child records ID (UST) will be added into ASIT named "UST" of parent facility.
- 4. The created child records will be added into the Related Record as the child of Facility.

-Delete historical child records-

- 1. If any new child records (Chemical) is created, any historical child records (Chemical) will be deleted in AA.
- 2. If any new child records (Waste) is created , any historical child records (Waste) will be deleted in AA.
- 3. If any new child records (UST) is created , any historical child records (UST) will be deleted in AA.
- 4. All of relationships between Facility and the deleted child records (Chemical/Waste/UST) will be deleted in ASIT and Related Record page.

Loop to create the document

-Create document to parent facility record-

If the status of document (returned by CERS) is "Accepted", the document(s) will be created into AA. The user name and password of EDMS (uploading document) are set in config/ServerConfig.properties under the folder of adapter.

Sync to CERS

AA-CERS integration AA **CERS** adapter -Authenticate user of AA-User name and password of AA are set in config/ServerConfig.properties under the folder of adapter. Get inspections-Query criteria: 1. Date range of Inspection Date (input by end user by running the adapter), 2. Status of Inspection (hard-coded): "Complete", "Delete for CERS CME", and "No Violations". 3. Record type (hard-coded): "LUEG-DEH/HMD/UPFP/Facility" -- Return list of inspections -Get enforcement records-Query criteria: 1. Date range of status of Enforcement record (input by end user by running the adapter), 2. Status of record (hard-coded): "Resolved" 3. Record type (hard-coded): "LUEG-DEH/HMD/Enforcement/Case" -- Return list of enforcement records--Submit CME request for Enforcements-1. If any Enforcement record (status: Resolved) is returned from AA, the adapter will request CERS to update the Enforcement records in CERS. 2. If the value of ASI field "CERS CME Transaction" of the Enforcement Record in AA is "b Delete", the adapter will request CERS to delete the Enforcement records in CERS. 3. If the value of the column "CERS CME Transaction" in ASIT "Violations" of the Enforcement Record in AA is "Delete", the adapter will request CERS to delete the Enforcement Violation records in CERS -- Return result of Enforcments---Submit CME request for Inspections and Violations-1. If the status of the Inspection in AA is "Complete" or "No Violations", the adapter will request CERS to update the inspection and violation records in CERS. 2. If the status of the Inspection in AA is "Delete for CERS CME", the adapter will request CERS to delete the inspection and violation records in CERS. 3. If the status of Guide Sheet item in AA is "Violations", the adapter bases on the business logic (defined in "905" Program Elements Guidesheet.docx") to request CERS to update the inspection violation records in CERS. 4. If the status of Guide Sheet item in AA is "Delete", the adapter will request CERS to delete the inspection violation records in CERS. ---- Return result of Inspections and Violations---Send email for exchanged result