## Install and configure CERS integration adapter

1. Download the adapter package from FTP site and unzip it
2. Edit av-env.cmd, set java\_home environment variable. Ex.

set JAVA\_HOME=D:\AA7.2.0\av.7.2.0\bin\jdk1.7

1. Run hash.bat to encodeCERS system password
2. Edit config/ServerConfig.properties to configure:
   1. AA system configurations
   2. Alert email upon error
   3. CERS system configurations

Note that you should put hashed password generated in step #3 in the CERS configuration

* 1. Adapter running time

NOTE that the Windows scheduled task should run after the time set to property cers.submittalstartdatetime.

Ex. if cers.submittalstartdatetime is set as 01:00:00, auto run from Windows schedule task will sync up data from CERS between yesterday 01:00:01 to today 01:00:00. You should schedule task after 1:00am.

## Pre-requisite of CERS integration adapter

1. The adapter is dependent on JDK 6 or above version. You can download latest version JDK from Oracle web site or get JDK 7u9 from JDK 1.7 package from FTP site.
2. The adapter is dependent on Windows Tasks to be scheduled running nightly.
3. The adapter needs to run on Windows server which has network access to both CERS system and AA app server
4. The adapter is dependent on AA 7.2 FP2 Hotfix 4 or above version

In AA app server, configure <AV\_BIZ>\conf\av\generic-query-config.xml.

* 1. If it does not exist, copy config/generic-query-config.xml
  2. If it already exist, insert all <sqlQuery> elements from config/generic-query-config.xml, to <AV\_BIZ>\conf\av\generic-query-config.xml. <sqlQuery> elements are inside root <customSql> element.

## Post-install of CERS integration adapter

1. Configure windows task to run the adapter nightly like below:
2. Click Control panel of the Start menu
3. Double click Scheduled Tasks
4. Click Next button
5. Click Browse button, navigate to adapter folder, and select run.bat file
6. Select the Daily for daily run and click next button
7. Set the start time and start date and click next button
8. If there is a domain user, you need to input the domain password
9. Click next button
10. Click finish button

You will see the scheduled task you added list on the Scheduled tasks windows.

## Trouble shooting

1. Alert email will be sent to administrator based on settings in ServerConfig.properties
2. Log files are generated under log folder daily
   1. You can edit log4j.xml to enable log about communication with AA through GovXML, change:

<category additivity="true" name="com.accela.adapter.service.impl.HttpPostService">

<priority value="WARN"/>

</category>

To:

<category additivity="true" name="com.accela.adapter.service.impl.HttpPostService">

<priority value="DEBUG"/>

</category>

1. You can manually run in command line to sync data between AA and CERS on specific dates.
   1. Run cers2aa.bat to sync record and document data from CERS to AA
   2. Run aa2cers.bat to sync inspection data from AA to CERS