## Word Integration Verification Test - To be ran on a Windows server with Microsoft Word installed

**Before you start testing:**

* Ensure Microsoft Word (2007or higher) is installed on the test machine. Check [Curam Prerequisites](https://www.ibm.com/software/reports/compatibility/clarity-reports/report/html/prereqsForProduct?deliverableId=5ABDD150BD9B11E88857DCC2171712A1#sw-6) for Supported versions (Word 2007, 2010 and 3013 are the currently supported verisons for Curam v7)
* Ensure the Java version on the windows machine is 1.8.x or higher.
* Java is available from -https://java.com/en/download/ [Curam Prerequisites](https://www.ibm.com/software/reports/compatibility/clarity-reports/report/html/prereqsForProduct?deliverableId=5ABDD150BD9B11E88857DCC2171712A1#sw-6) for the version of Java that supported (usually latest version available at time of release)
* On Internet Explorer go to <https://www.java.com/en/download/installed.jsp> to verify the version of Java you have installed.
* Chrome does not support the Java Plugin so you need to install the Curam browser extension and the Curam WordBridge application – see next step
* If you are testing Chrome you need to do the following on your Windows test server:
* Install the IBMCuramWordIntegrationAssistant which is located in IBM/Curam/Development/CuramCDEJ/lib/curam/installers on a Curam Deployment
* Install the Curam File Edit Native Messaging Bridge extension from the Chrome Web Store
* Set a JRE\_HOME Environment variable to point to the location of the installed JRE
* Reboot your test server if you install/update Java

**Testing Steps -**

* Open Microsoft Word and create a test document. Contents of the document and it’s name does not matter for testing purposes. Save the document where it could be easily found (i.e., directly under C:\ drive).
* Browse to *https://<yourserver>:9044/Curam*. Log in with the username *sysadmin* and password *password*.
* From the Navigation bar on the left hand side, click *Communications* then *MS Word Templates* and select the *New…* icon from the main portion of the screen.
* Upload the previously saved Word document, locating it with the help of the *Browse* button.
* Fill in the mandatory fields (again, *id* and *name* values for testing purposes might be any) and ensure that you select All Communication from **both** Category dropdowns and *Save*.
* Login as *caseworker*
* Register a Person
* Click on the Client Contact Tab and then on *Communications* in the left navigation menu.
* From the Action menu click on *New Microsoft Word*.
* Ensure the *Client is Correspondent* box is checked, and select *Next*.
* Add a subject and address and select the newly created template from the list. Click on *Save* and the Word document will be launched in Microsoft Word. If asked, click ‘Yes’ to allow your browser interact with this control. Make a change to this document, Save & close it.
* On the Communications screen click on the *Edit…* link beside the newly created word document and select *Save & Open Word* from the next screen. Confirm that the Word document is launched and includes the document changes from the previous step above.
* On the Communications screen click on the *Open Microsoft Word* link beside the newly created word document. Verify that the Word document gets downloaded and that you can view it. (any changes made to the document in this mode will not update the stored version.)
* Create a Social Assistance case for the Person.
* On the case click on Contact and then on Communications
* Verify that you can Create and then Edit and Save a Word communication using the SDT Template that’s available OOTB. Ensure that the Address and Name of the Person are displayed correctly in the Word Document – Note – please see <https://jazz031.hursley.ibm.com:9443/ccm/web/projects/L2%20Support#action=com.ibm.team.workitem.viewWorkItem&id=245854> in regards to having and address which contains the ‘#’ character
* On the Communications screen click on the *Edit…* link beside the word document and select a different Address from the dropdown. Click the *Save & Open Word button* and confirm that the Word document is launched and includes the changed address.
* Make some changes to the Word document and Save. Close Word and ensure that when you reopen the document your changes are saved
* Verify that you can Download and view a created Word Communication be clicking on the *Open Microsoft Word* link

**Trouble shooting:**

If you are testing on Chrome and you cannot get work to launch – check your JRE\_HOME env variable and also the launchbridge.bat file located in C:\Users\<user>\IBM\WordBridge to ensure that you are pointing correctly to your java.exe

If the word document fails to open even if the java version on the machine is updated, it could be caused by the browser security settings.

When you try to open Word you see a small browser window and it is asking you if you want to run the Java applet. You have to click on "always run" and then refresh the whole browser.

If Word fails to open successfully check the running processes in TaskManager and see if there’s a Word process running. You may need to kill this and close your browser + kill off any browser processes that are running before you retry.