

TEST CASE – A2 INVALIDATION



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Document history

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1 Pre-conditions

To complete the functional test case for “A2 Invalidation”, the company must have an established connection to the AS4 Gateway, and have a functioning system user to DMS Export, see [Connectivity Guide & System Guide](#).

Furthermore, ensure that you for this test case have the correct URLs, Services, and Actions, as seen in the table below. In place of {CVR} and {UID}, fill out your own CVR and UID in the URLs. While the URLs and Services are the same for all the test cases, the Actions however, will change depending on the test case you are performing, please keep an eye out that you have the correct Action for the test case in hand.

To submit the XML for this test case, use the following endpoints:

URL	UFE Service	TFE Service	Action
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Export2	DMS.Export	Exit.Declaration.Submit
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Export2	DMS.Export	Exit.Declaration.Invalidat e

For retrieving the notification, use the following endpoint:

URL	UFE Service	TFE Service	Action
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Export2	DMS.Export	Notification

Please ensure that the “Test Case – A2 Standard” have been completed **before** you try to complete the “Test Case – A2 Invalidation” scenarios.

1.1 Process flow

The process flow for an A2 standard declaration with an invalidation request can be seen in Figure 1 below:

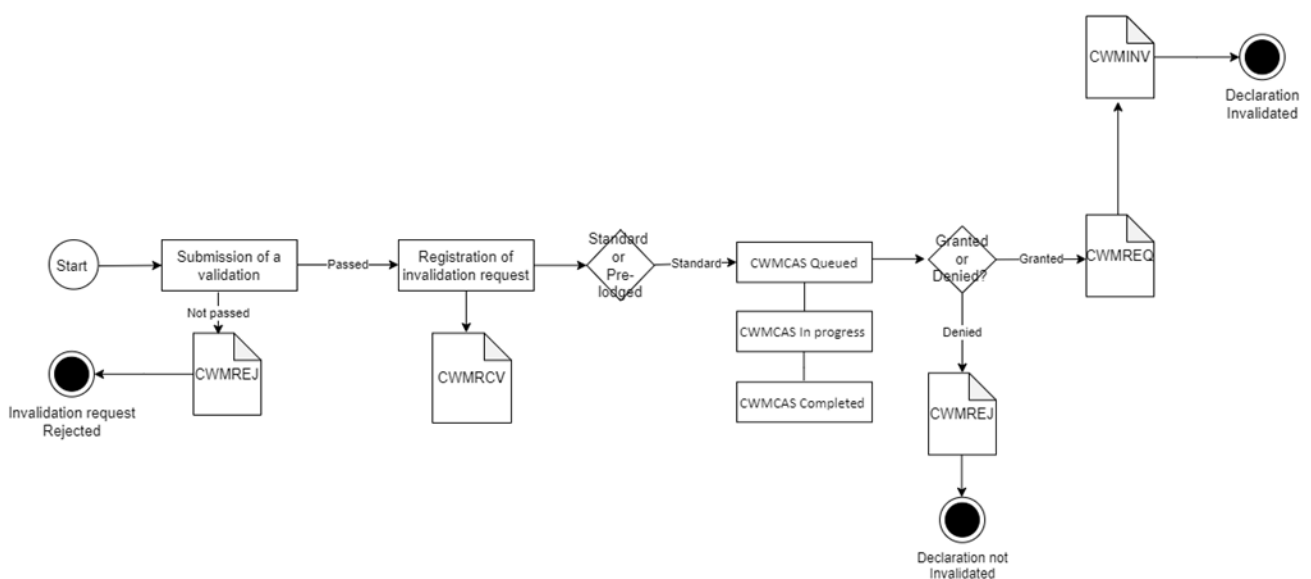


Figure 1 – Process flow for an invalidation

2 Test Scenarios

To complete this test case, test scenario 1 and 2 must be passed successfully. Descriptions and specifics for each test can be found in the coming sections. Be sure to go through the scenarios thoroughly. It is recommended that you use the attached files to test the notifications.

Test no.	Test scenario	Passed/Failed
1	Submit A2 – Invalidation, which is accepted	<input type="checkbox"/>
2	Submit A2 – Invalidation, which is rejected	<input type="checkbox"/>

2.1 Description of test scenarios

The following sections will describe the aim of each specific scenario and provide the desired results of the test scenarios. It is worth noting that there can be changes in the notifications provided by DMS Export as the solution is still in development.

The purpose of the test scenarios is to ensure your connection to the system, and that you as a company can receive the correct notifications when sending in XMLs. Each step describes what you need to do when going through the test case. For each case there will be an XML available in the same folder where you found this test case document.

2.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the A2 Invalidation XML has been accepted.

The following table shows the necessary test steps for completing this scenario as well as expected results. For the first step it is recommended using the provided declaration **XML** found in the **Test Case** folder. Secondly, make sure that your **LRN** is unique, and that the **Submitter** field is correct (this is done by putting your CVR in the **Submitter/Name** and **Submitter/ID** fields) in the A2 Standard XML. You should also make sure that the **Amendment** field is filled with a valid **ChangeReasonCode** and a **ChangeReasonText** of at least 10 characters, as described in step no. 5.

Step no.	Description of steps	Expected result	Passed
1	Submit an A2 Standard Acceptance XML (you can use the A2 Standard Acceptance XML from the A2 Standard test case). It is found in folder where you found this test case document folder (remember to replace the {{LRN}} and {{CVR}} placeholders)	You should have a template XML ready for the next step	<input type="checkbox"/>
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
3	Pull the notifications	You should be able to pull the notifications from the system	<input type="checkbox"/>
4	Receival of submission of declaration	Receive the CWMRCV notifications	<input type="checkbox"/>
5	Use your own invalidation XML or the A2 Invalidation Acceptance XML found in the test case folder (remember to replace the {{LRN}} and {{CVR}} placeholders). Make sure that the Amendment field is filled in as shown in section 2.2.1	Find the A2 Invalidation Acceptance XML in the amendment test case folder or use your own	<input type="checkbox"/>
6	Send in an A2 Invalidation Acceptance XML , it can be found in the same folder as this test case. Remember to add the LRN and MRN from the initially submitted A2 Standard XML.	The A2 Invalidation Acceptance XML should be sent to the system	<input type="checkbox"/>
7	Pull the notifications	You should be able to pull notifications from the system	<input type="checkbox"/>
8	Successful validation of submission of invalidation request by receiving the CWMRCV and CWMCAS notifications	You should receive the CWMRCV and CWMCAS notifications	<input type="checkbox"/>
9	After receiving the CWMCAS , read the AdditionalInformation field regarding the status.	You should find a StatementCode field with the number 41 (CWMCAS Queued). Then in the StatementDescription field there should be an explanation	<input type="checkbox"/>

10	Once the queued request is completed, receive another CWMCAS notification with changes to AdditionalInformation .	The StatementCode field should now be 43 (CWMCAS Completed)	<input type="checkbox"/>
11	Acceptance of submission of invalidation request by receiving the CWMREQ and CWMINV notifications	Receive notifications CWMREQ and CWMINV and pass the test	<input type="checkbox"/>

2.2.1 XML example

```

<Amendment>
  <sequence>
    <urn:Numeric.Content>1</urn:Numeric.Content>
  </sequence>
  <ChangeReasonCode>
    <urn:Code.Content>24</urn:Code.Content>
  </ChangeReasonCode>
  <ChangeReasonText>
    <urn:Text.Content>This is text for a Change Reason Text</urn:Text.Content>
  </ChangeReasonText>
</Amendment>

```

2.3 Test scenario 2 – Rejection

The aim of this scenario is to get a notification that the A2 Invalidation XML has been rejected.

The following table shows the test steps necessary to complete this scenario as well as expected results. For the first step it is recommended using the provided declaration **XML** found in the **Test Case** folder. Secondly, make sure that your **LRN** is unique, and that the **Submitter** field is correct (this is done by putting your CVR in the **Submitter/Name** and **Submitter/ID** fields) in the A2 Standard XML. In this case we will fill in invalid data end the **Amendment** field with a valid **ChangeReasonCode** but a **ChangeReasonText** of less than 10 characters, as described in step no. 5.

Step no.	Description of steps	Expected result	Passed
1	Submit a A2 Standard Acceptance XML (you can use the A2 Standard Acceptance XML from the A2 Standard test case). It is found in folder where you found this test case document folder (remember to replace the {{LRN}} and {{CVR}} placeholders)	You should have a template XML ready for the next step	<input type="checkbox"/>
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
3	Pull the notifications	You should be able to pull the notifications from the system	<input type="checkbox"/>
4	Receival of submission of declaration	Receive the CWMRCV notifications	<input type="checkbox"/>
5	Use your own invalidation XML or the A2 Invalidation XML found in the test case folder (remember to replace the {{LRN}} and {{CVR}} placeholders). For the rejection case, make sure that the Amendment field is filled in as shown in section 2.3.1	Find the A2 Invalidation Rejection XML in the amendment test case folder or use your own	<input type="checkbox"/>
6	Send in the A2 Invalidation XML . Remember to add the LRN and MRN from the initially submitted A2 Standard XML, and also make sure that the Amendment field is filled in as shown in section 2.3.1 .	The A2 Invalidation Rejection XML should be sent to the system	<input type="checkbox"/>
7	Pull the notifications	You should be able to pull notifications from the system	<input type="checkbox"/>
8	Rejection of submission of invalidation request by receiving the CWMREJ notification	Receive notification CWMREJ and pass the scenario	<input type="checkbox"/>

2.3.1 XML example

```

<Amendment>
  <sequence>
    <urn:Numeric.Content>1</urn:Numeric.Content>
  </sequence>
  <ChangeReasonCode>
    <urn:Code.Content>42</urn:Code.Content>
  </ChangeReasonCode>
</Amendment>

```

```
</ChangeReasonCode>  
<ChangeReasonText>  
  <urn:Text.Content>BadCode</urn:Text.Content>  
</ChangeReasonText>  
</Amendment>
```