

TEST CASE – B4 INVALIDATION

Version: 1.2
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Document history

Version	Date	Author	Status	Comments
0.1	02-11-2022	Alexander Vejling Sennefelder	Draft	Original Draft
0.2	09-11-2022	Ida Mørck	Review	
1.0	11-11-2022	Alexander Vejling Sennefelder	Finish	Finished up review comments
1.1	06-02-2023	Lukas Martin Wick	Updates	Updated
1.2	11-05-2023	Alexander Vejling Sennefelder	Updated	Updated test scenario test steps

Table of contents

1	Pre-conditions	3
1.1	Process flow	3
2	Test Scenarios	4
2.1	Description of test scenarios	4
2.2	Test scenario 1 – Acceptance.....	5
2.2.1	XML example	6
2.3	Test scenario 2 – Rejection	7
2.3.1	XML example	7

1 Pre-conditions

To complete the functional test case for “B4 Invalidation”, the company must have an established connection to the AS4 Gateway, 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 below. In place of {CVR} and {UID}, fill out your own CVR and UID in the URLs below. 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	Declaration.Submit
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Export2	DMS.Export	Declaration.Invalidate

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 – B4 Standard**” have been completed **before** you try to complete the “**Test Case – B4 Invalidation**” scenarios.

1.1 Process flow

The process flow for a B4 standard declaration with an invalidation request can be seen in Figure 1 below:

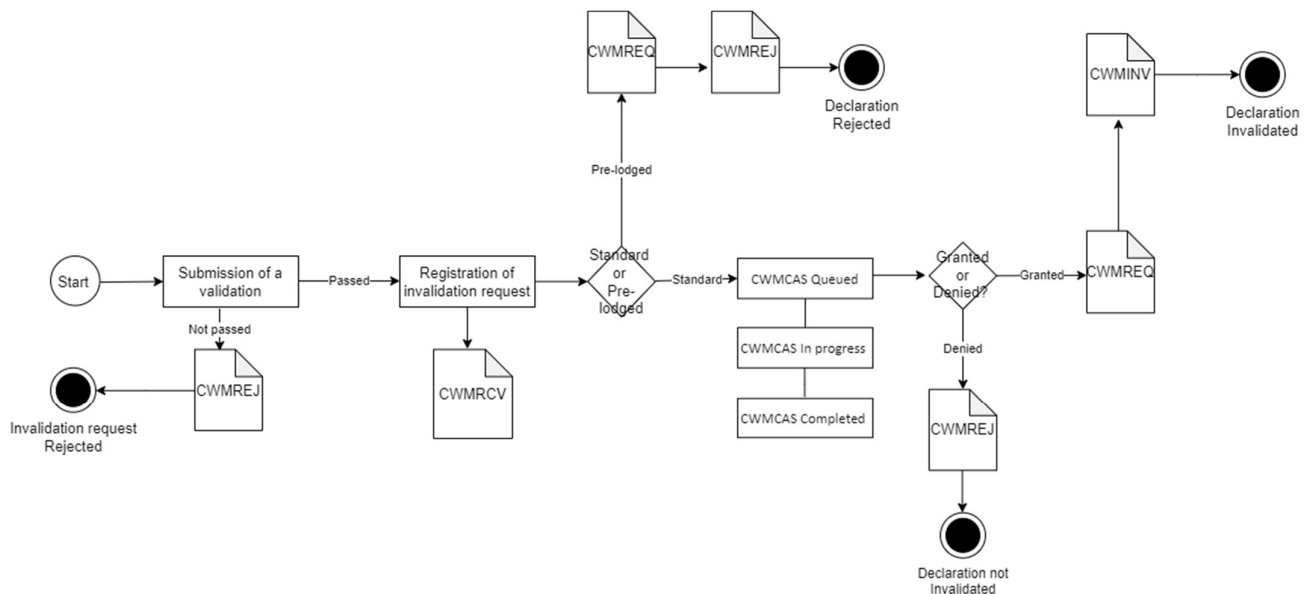


Figure 1: B4 standard declaration with invalidation process flow

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 B4 – Invalidation, which is accepted	<input type="checkbox"/>
2	Submit B4 – 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.

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 B4 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 B4 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 a B4 Standard Acceptance XML . It is found in folder where you found this test case document folder (remember to replace the {{LRN}} and {{CVR}} placeholders)	You should have the test 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 notification from the system	<input type="checkbox"/>
4	Acceptance of submission of declaration	Receive the CWMACC notifications	<input type="checkbox"/>
5	Use the B4 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 B4 Invalidation Acceptance XML in the amendment test case folder	<input type="checkbox"/>
6	Send in an B4 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 B4 Standard XML.	The B4 Invalidation Acceptance XML should be sent to the system	<input type="checkbox"/>
7	Pull the notifications	You should be able to pull notification 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	When the queued request is being handled receive another CWMCAS and once the request is completed, receive the final CWMCAS , both notification with changes to AdditionalInformation .	Two notifications with StatementCode field 42 (CWMCAS in progress) and 43 (CWMCAS Completed)	<input type="checkbox"/>
10	Once the queued request is completed, receive another CWMCAS notification with changes to AdditionalInformation .	You should find 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"/>
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2.2.1 XML example

```
<ns3:Amendment>  
  <ns3:SequenceNumeric>1</ns3:SequenceNumeric >  
  <ns3:ChangeReasonCode>22</ns3:ChangeReasonCode>  
  <ns3:ChangeReasonCode>Goods have been returned to supplier</ns3:ChangeReasonCode>  
</ns3:Amendment>
```

2.3 Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the B4 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 adapting 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 B4 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 B4 Standard Acceptance XML. It is found in folder where you found this test case document folder (remember to replace the {{LRN}} and {{CVR}} placeholders)	You should have the test 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 notification from the system	<input type="checkbox"/>
4	Acceptance of submission of declaration	Receive the CWMACC Notifications	<input type="checkbox"/>
5	Use the B4 Invalidation Acceptance XML found in the test case folder (remember to replace the {{LRN}} , {{CVR}} and {{MRN}} placeholders – {{LRN}} and {{MRN}} should match the MRN and LRN from the initially submitted B1 declaration)	Find the B4 Invalidation Acceptance XML in the amendment test case folder	<input type="checkbox"/>
6	Adapt the B4 Invalidation XML so that the Amendment field is filled in as shown in section 2.3.1	Adapt the B4 Invalidation Acceptance XML in the amendment test case folder or use your own	<input type="checkbox"/>
7	Submit the XML	The B4 Invalidation XML should be sent to the system	<input type="checkbox"/>
8	Pull the notifications	You should be able to pull notification from the system	<input type="checkbox"/>
9	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

```
<ns3:Amendment>
  <ns3:SequenceNumeric>1</ns3:SequenceNumeric>
  <ns3:ChangeReasonCode>89</ns3:ChangeReasonCode>
  <ns3:ChangeReasonCode>Invalid</ns3:ChangeReasonCode>
</ns3:Amendment>
```