

TEST CASE – B4 INVALIDATION

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Document history

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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:

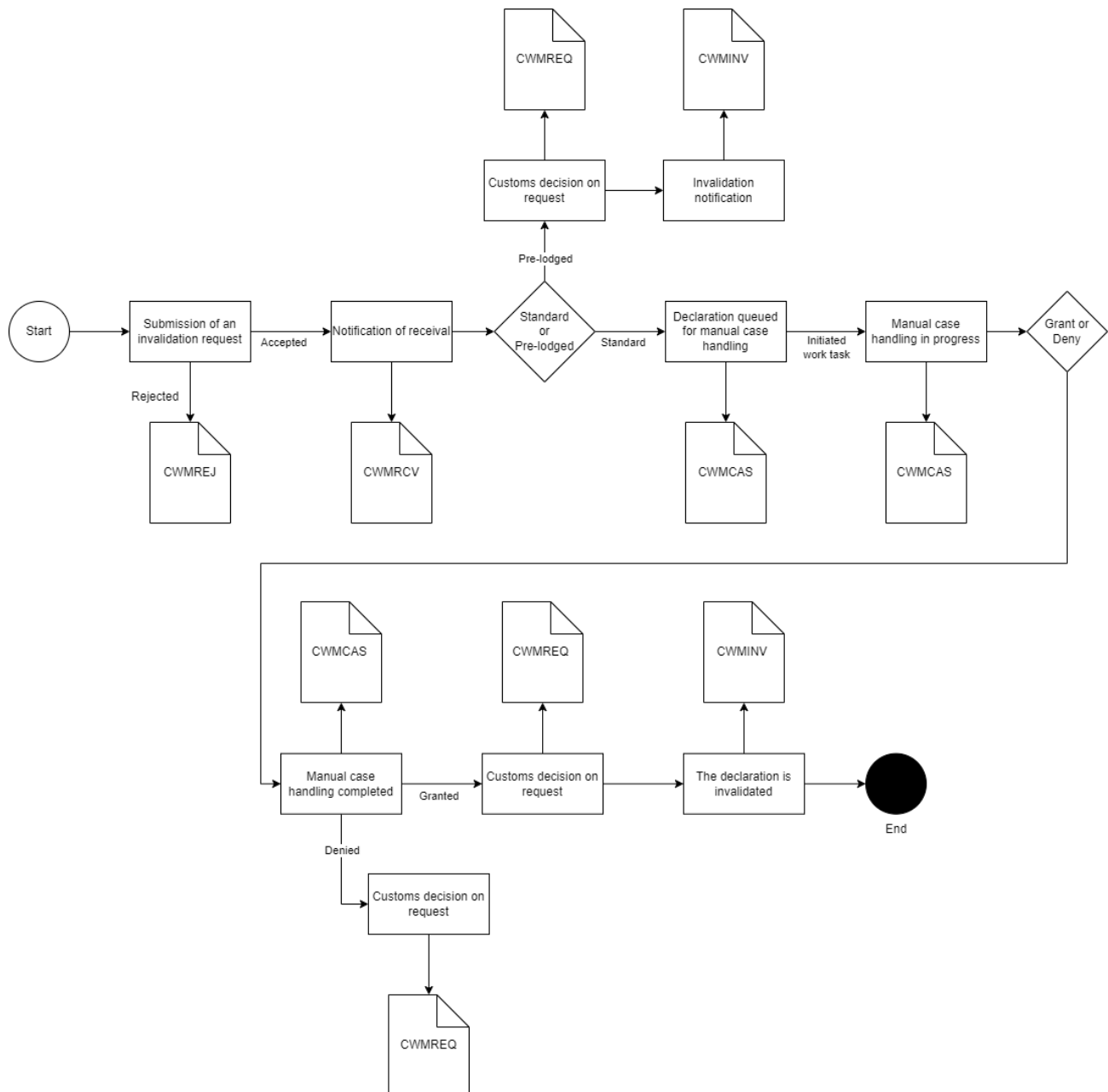


Figure 1 – Process flow for an invalidation

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 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 (you can use the B4 Standard Acceptance XML from the B4 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 notification from the system | <input type="checkbox"/> |
| 4 | Acceptance of submission of declaration | Receive the CWMACC notifications | <input type="checkbox"/> |
| 5 | Use your own invalidation XML or 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 or use your own | <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"/> |

2.2.1 XML example

```

<ns3:Amendment>
  <ns3:SequenceNumeric>1</ns3:SequenceNumeric >
  <ns3:ChangeReasonCode>22</ns3:ChangeReasonCode>
  <ns3:ChangeReasonText>Goods have been returned to supplier</ns3:ChangeReasonText>
</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 (you can use the B4 Standard Acceptance XML from the B4 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 notification from the system | <input type="checkbox"/> |
| 4 | Acceptance of submission of declaration | Receive the CWMACC notifications | <input type="checkbox"/> |
| 5 | Use your own invalidation XML or 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 or use your own | <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>22</ns3:ChangeReasonCode>  
  <ns3:ChangeReasonText>Invalid</ns3:ChangeReasonText>  
</ns3:Amendment>
```