

# TEST CASE – A3 INVALIDATION

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Document history

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# 1 Pre-conditions

To complete the functional test case for “A3 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 {UUID}, fill out your own CVR and UUID 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                          |
|---|-------------|-------------|---------------------------------|
| <a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}</a> | DMS.Export2 | DMS.Export  | Exit.Declaration.Submit         |
| <a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}</a> | DMS.Export2 | DMS.Export  | Exit.Declaration.Invalidat<br>e |

For retrieving the notification, use the following endpoint:

| URL   | UFE Service | TFE Service | Action       |
|---|-------------|-------------|--------------|
| <a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}</a> | DMS.Export2 | DMS.Export  | Notification |

Please ensure that the “**Test Case – A3 Standard**” have been completed **before** you try to complete the “**Test Case – A3 Invalidation**” scenarios.

## 1.1 Process flow

The process flow for an A3 standard declaration with an invalidation request can be seen in Figure 1 below:

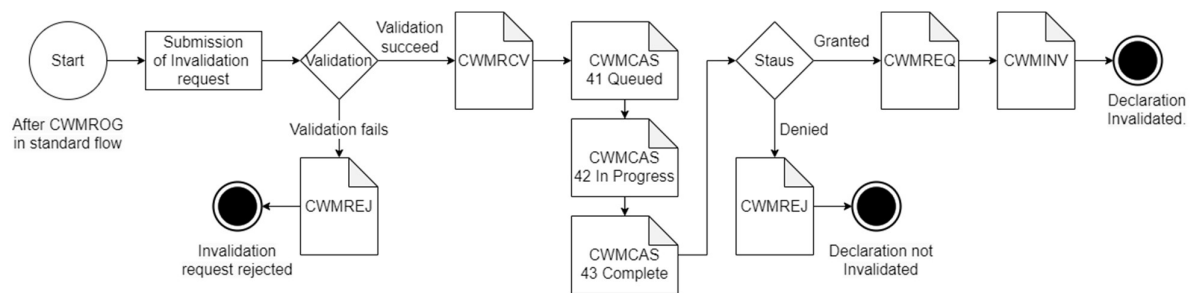


Figure 1 – Process flow for an invalidation

## 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 A3 – Invalidation, which is accepted | <input type="checkbox"/> |
| 2        | Submit A3 – 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 notifications that follow each other in a series might not always come out in the same order, due to timing differences.

The purpose of the test scenarios is to ensure 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 the test case we recommend using the XML found in the test case folder.

## 2.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the A3 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). The other placeholders denoted by “{{ }}” should be filled out by values that are specific to your company. For the additional messages the MRN should correspond to the received MRN of the initial declaration. 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 <b>A3 Standard Acceptance XML</b> . It is found in folder where you found this test case document (remember to replace the <b>{{LRN}}</b> and the other <b>{{ }}</b> placeholders)   | You should have the test <b>XML</b> 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        | Acceptance of submission of declaration  | Receive the <b>CWMRCV</b> and <b>CWMROG</b> notifications  | <input type="checkbox"/> |
| 5        | Use the <b>A3 Invalidation Acceptance XML</b> found in the test case folder. Remember to replace the <b>{{LRN}}</b> , <b>{{MRN}}</b> and other <b>{{ }}</b> placeholders. The <b>LRN</b> and <b>MRN</b> should correspond to the initially submitted A3 Standard XML. Make sure that the <b>Amendment</b> field is filled in as shown in section <a href="#">2.2.1</a> | Find the <b>A3 Invalidation Acceptance XML</b> in the amendment test case folder   | <input type="checkbox"/> |
| 6        | Send in the <b>A3 Invalidation XML</b> .   | The <b>A3 Invalidation XML</b> should be sent to the system  | <input type="checkbox"/> |
| 7        | Pull the notifications   | You should be able to pull the notifications from the system   | <input type="checkbox"/> |
| 8        | Successful validation of submission of invalidation request by receiving the <b>CWMRCV</b> and <b>CWMCAS</b> notifications   | You should receive the <b>CWMRCV</b> and <b>CWMCAS</b> notifications   | <input type="checkbox"/> |
| 9        | After receiving the <b>CWMCAS</b> , read the <b>AdditionalInformation</b> field regarding the status.  | You should find a <b>StatementCode</b> field with the number <b>41</b> (CWMCAS Queued). Then in the <b>StatementDescription</b> field there should be an explanation | <input type="checkbox"/> |
| 10       | This <b>CWMCAS</b> will then have to be manually handled before you can continue the flow.   | <b>CWMCAS</b> will be handled and the process flow can continue  | <input type="checkbox"/> |
| 11       | When the queued request (CWMCAS) has been handled, you will receive another <b>CWMCAS</b> . Then, once the new request has been  | Receive two notifications with <b>StatementCode</b> field <b>42</b>  | <input type="checkbox"/> |

|    |   |   |                          |
|----|---|---|--------------------------|
|    | completed, you will receive the final <b>CWMCAS</b> , both notifications with changes to <b>AdditionalInformation</b> . | (CWMCAS in progress) and <b>43</b><br>(CWMCAS Completed)                |                          |
| 12 | Acceptance of submission of amendment request by receiving the <b>CWMREQ</b> and <b>CWMINV</b> notifications            | Receive <b>CWMREQ</b> and <b>CWMINV</b> notifications and pass the test | <input type="checkbox"/> |

### 2.2.1 XML example

```

<urn:Amendment>
  <urn:sequence>
    <urn:Numeric.Content>1</urn:Numeric.Content>
  </urn:sequence>
  <urn:ChangeReasonCode>
    <urn:Code.Content>24</urn:Code.Content>
  </urn:ChangeReasonCode>
  <urn:ChangeReasonText>
    <urn:Text.Content>Invalidated by declarant</urn:Text.Content>
  </urn:ChangeReasonText>
</urn:Amendment>

```

## 2.3 Test scenario 2 – Rejection

The aim of this scenario is to get a notification that the modified A3 Invalidation XML has been rejected.

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). The other placeholders denoted by “**{{ }}**” should be filled out by values that are specific to your company. For additional messages the MRN should correspond to the received MRN of the initial declaration. In this case we will fill in the **Amendment** field with an invalid **ChangeReasonText** of less than 10 characters, as described in step no. 5.

| Step no. | Description of steps   | Expected result   | Passed                   |
|----------|--|---|--------------------------|
| 1        | Submit an <b>A3 Standard Acceptance XML</b> . It is found in folder where you found this test case document (remember to replace the <b>{{LRN}}</b> and the other <b>{{ }}</b> placeholders)   | You should have the test <b>XML</b> 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        | Acceptance of submission of declaration  | Receive the <b>CWMRCV</b> and <b>CWMROG</b> notifications                       | <input type="checkbox"/> |
| 5        | Use the <b>A3 Invalidation Acceptance XML</b> found in the test case folder. Remember to replace the <b>{{LRN}}</b> , <b>{{MRN}}</b> and other <b>{{ }}</b> placeholders. The <b>LRN</b> and <b>MRN</b> should correspond to the initially submitted A3 Standard XML. Make sure that the <b>Amendment</b> field is filled in as shown in section <a href="#">2.3.1</a> | Find the <b>A3 Invalidation Rejection XML</b> in the amendment test case folder | <input type="checkbox"/> |
| 6        | Send in the <b>A3 Invalidation Rejection XML</b> .   | The <b>A3 Invalidation Rejection XML</b> 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 <b>CWMREJ</b> notification  | Receive notification <b>CWMREJ</b> and pass the test                            | <input type="checkbox"/> |

### 2.3.1 XML example

```
<urn:Amendment>  
  <urn:sequence>  
    <urn:Numeric.Content>1</urn:Numeric.Content>  
  </urn:sequence>  
  <urn:ChangeReasonCode>  
    <urn:Code.Content>73</urn:Code.Content>  
  </urn:ChangeReasonCode>  
  <urn:ChangeReasonText>  
    <urn:Text.Content>BadCode</urn:Text.Content>  
  </urn:ChangeReasonText>  
</urn:Amendment>
```