

# TEST CASE – A1 INVALIDATION



**Version:** 1.4  
**Author:** Alexander Vejling Sennefelder

**netcompany**

Document history

Version	Date	Author	Status	Comments
0.1	16-12-2022	Alexander Vejling Sennefelder	Original Draft	Document might be subject to change
0.2	22-12-2022	Lukas Martin Wick	Review	Figure 1 added
1.0	23-12-2022	Alexander Vejling Sennefelder	Finished	Comments reviewed
1.1	06-02-2023	Jesper Sture Bergendorff	Update	Updated for new system version
1.2	04-05-2023	Alexander Vejling Sennefelder	Updated	Updated test scenario text
1.3	20-11-2023	Erik Rolander	Updated	Updated flow charts
1.4	17-05-2024	Emilie Madsen	Updated	Changed URL's in section 1.

Table of contents

1        **Pre-conditions..... 3**

    1.1        **Process flow ..... 4**

2        **Test Scenarios ..... 5**

    2.1        **Description of test scenarios ..... 5**

    2.2        **Test scenario 1 – Acceptance..... 6**

        2.2.1        XML example..... 7

    2.3        **Test scenario 2 – Rejection ..... 8**

        2.3.1        XML example..... 9

# 1 Pre-conditions

To complete the functional test case for “A1 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.Invalidated

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 – A1 Standard**” have been completed **before** you try to complete the “**Test Case – A1 Invalidation**” scenarios.

### 1.1 Process flow

The process flow for an A1 standard declaration with an invalidation request can be seen in Figure 1 below:

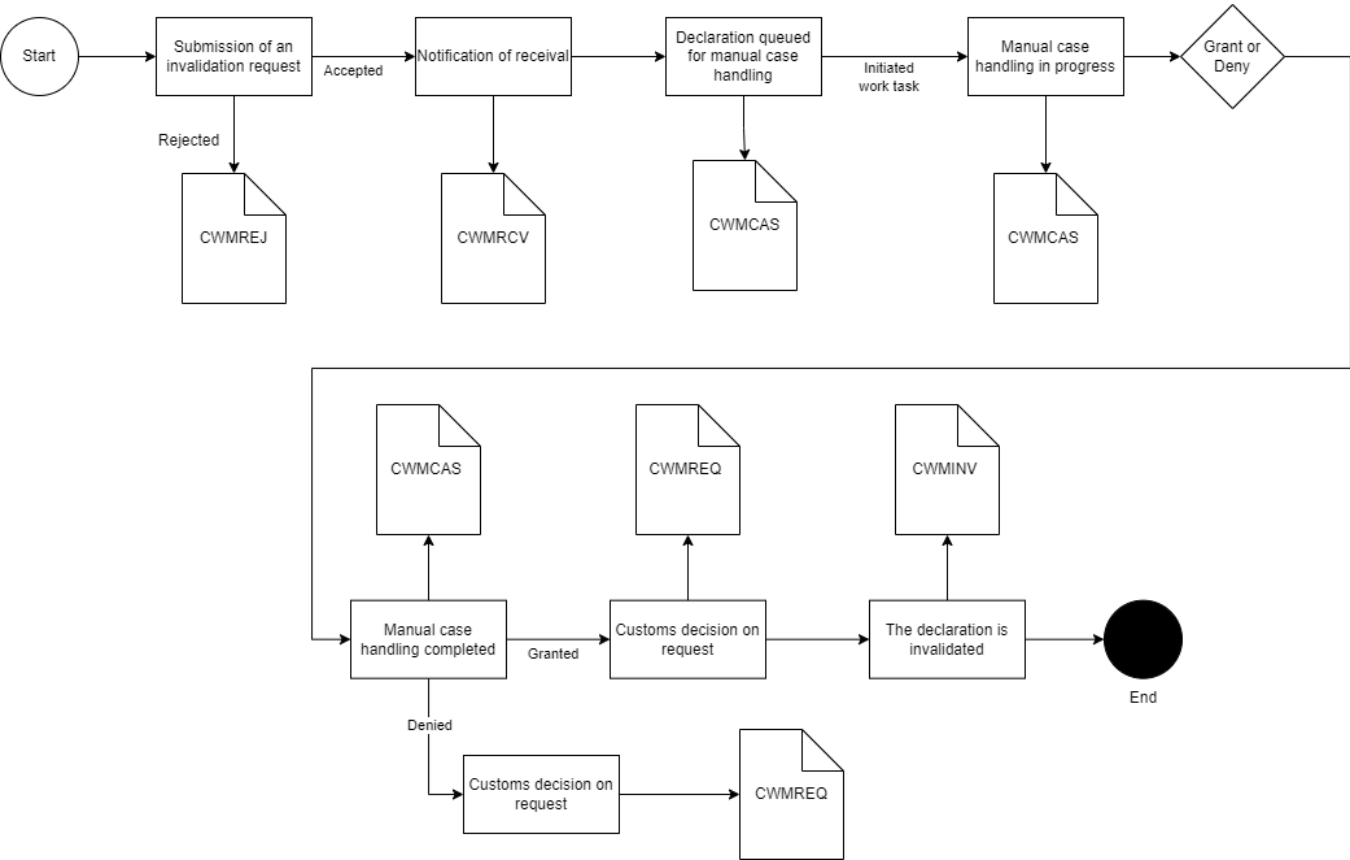


Figure 1 – Process flow for an invalidation

## 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 A1 – Invalidation, which is accepted	<input type="checkbox"/>
2	Submit A1 – 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 A1 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 A1 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 <b>A1 Standard Acceptance XML</b> (you can use the A1 Standard Acceptance XML from the A1 Standard test case). It is found in the folder where you found this test case document (remember to replace the <b>{{LRN}}</b> and <b>{{CVR}}</b> placeholders)	You should have a template <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> notification	<input type="checkbox"/>
5	Use the <b>A1 Invalidation Acceptance XML</b> found in the test case folder (remember to replace the <b>{{LRN}}</b> and <b>{{CVR}}</b> placeholders).	Find the <b>A1 Invalidation Acceptance XML</b> in the invalidation test case folder or use your own	<input type="checkbox"/>
6	Send in an <b>A1 Invalidation Acceptance XML</b> , it can be found in the same folder as this test case. Remember to add the <b>LRN</b> and <b>MRN</b> from the initially submitted A1 Standard XML. Make sure that the <b>Amendment</b> field is filled in as shown in section <a href="#">2.2.1</a>	The <b>A1 Invalidation Acceptance 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	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	When the queued request is being handled receive another <b>CWMCAS</b> and once the request is completed, receive the final <b>CWMCAS</b> , both notification with changes to <b>AdditionalInformation</b>	Two notifications with <b>StatementCode</b> field <b>42</b> (CWMCAS in progress) and <b>43</b> (CWMCAS Completed)	<input type="checkbox"/>

11	Acceptance of submission of invalidation request by receiving the <b>CWMREQ</b> and <b>CWMINV</b> notifications	Receive notifications <b>CWMREQ</b> and <b>CWMINV</b> and pass the test	<input type="checkbox"/>
----	---	---	--------------------------

2.2.1 XML example

```
<Amendment>
  <sequence>
    <Numeric.Content>1</Numeric.Content>
  </sequence>
  <ChangeReasonCode>
    <Code.Content>24</Code.Content>
  </ChangeReasonCode>
  <ChangeReasonText>
    <Text.Content>This is text for the invalidation reason</Text.Content>
  </ChangeReasonText>
</Amendment>
```

## 2.3 Test scenario 2 – Rejection

The aim of this scenario is to get a notification that the A1 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 A1 Standard XML. In this case we will fill invalid data into 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 an A1 Standard Acceptance XML (you can use the A1 Standard Acceptance XML from the A1 Standard test case). It is found in the folder where you found this test case document (remember to replace the <b>{{LRN}}</b> and <b>{{CVR}}</b> placeholders)	You should have a template <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> notification	<input type="checkbox"/>
5	Use the <b>A1 Invalidation XML</b> found in the test case folder (remember to replace the <b>{{LRN}}</b> and <b>{{CVR}}</b> placeholders).	Find the <b>A1 Invalidation XML</b> in the amendment test case folder	<input type="checkbox"/>
6	Send an <b>A1 Invalidation XML</b> , it can be found in the same folder as this test case. Remember to add the <b>LRN</b> and <b>MRN</b> from the initially submitted A1 Standard XML and make sure that the <b>Amendment</b> field is filled in as shown in section <a href="#">2.3.1</a> .	The <b>A1 Invalidation 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 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>
  <ChangeReasonText>
    <urn:Text.Content>BadCode</urn:Text.Content>
  </ChangeReasonText>
</Amendment>
```