

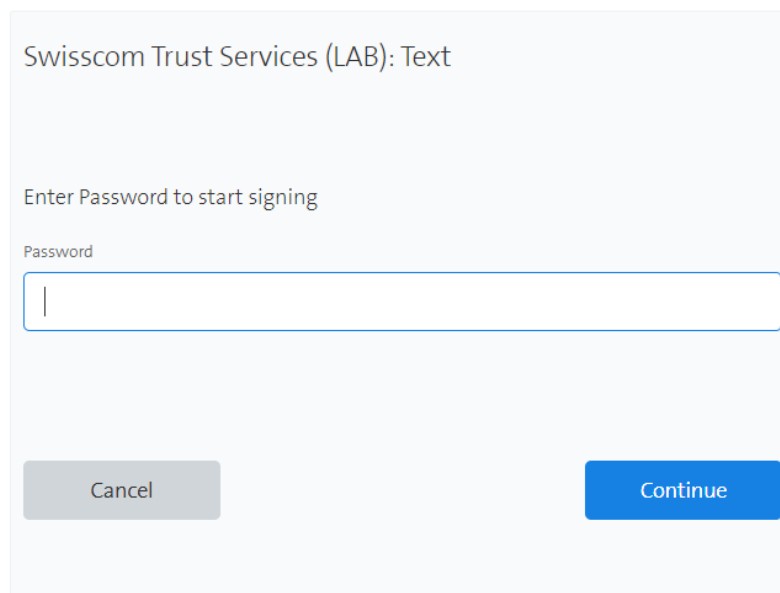
SAS Flow

Step 1. Perform a sign request to get the consent URL. Below is an example of response containing the consent URL received in Postman.

```
1 <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
2 <SignResponse xmlns="urn:oasis:names:tc:dss:1.0:core:schema" xmlns:dsig="http://www.w3.org/2000/09/xmldsig#" xmlns:async="urn:oasis:names:tc:dss:1.
  0:profiles:asynchronousprocessing:1.0" xmlns:sas="http://sas.swisscom.ch/1.0/schema" xmlns:saml="urn:oasis:names:tc:SAML:2.0:assertion" xmlns:sc="http://
  ais.swisscom.ch/1.0/schema" RequestID="f6vg9i" Profile="http://ais.swisscom.ch/1.1">
3   <Result>
4     <ResultMajor>urn:oasis:names:tc:dss:1.0:profiles:asynchronousprocessing:resultmajor:Pending</ResultMajor>
5   </Result>
6   <OptionalOutputs>
7     <async:ResponseID>beaf3d0d-1b80-42a0-a356-c3ae69e1a4cd</async:ResponseID>
8     <sc:StepUpAuthorisationInfo>
9       <sc:Result>
10        <sc:ConsentURL>https://lab-1.qes.cloud/sas/web/tka6eadd62f67845b4998cb457927667d0tx/pass?lang=en</sc:ConsentURL>
11      </sc:Result>
12    </sc:StepUpAuthorisationInfo>
13  </OptionalOutputs>
14 </SignResponse>
```

Step 2. After receiving the consent URL customize it by adding to it the needed parameters. (I think this should be received already customized).

Uncustomized looks like this:



Swisscom Trust Services (LAB): Text

Enter Password to start signing

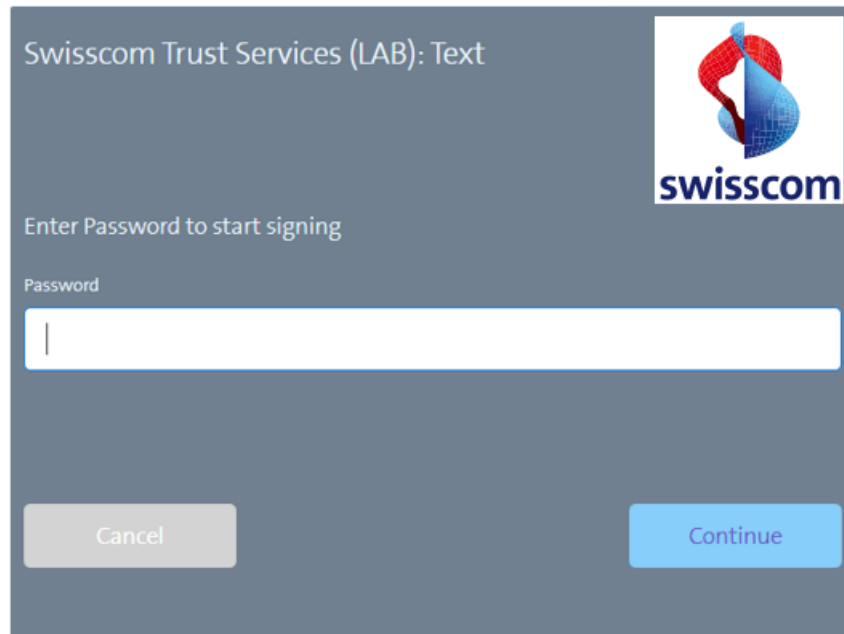
Password

Cancel Continue

After adding some parameters to the consent URL, the customized URL can look like this (it depends on what parameters are used):

<http://sas.swisscom.com/sas-server/web/tk9bb15fb8144b4618a2fa3feab428e989tx/pass?lang=en&backgroundcolor=SlateGray&butt>

onBackgroundColor=LightSkyBlue&textColor=aliceblue&buttonTextColor=slateblue&secondaryButtonBackgroundColor=LightGray&secondaryButtonText=white&customFontFamily=AppleChancery&withLogoSrc=https%3A%2F%2F1000logos.net%2Fwp-content%2Fuploads%2F2021%2F09%2Fswisscom-Logo.jpg&withLogo=true&logoWidth=180&logoHeight=70&logoMarginTop=1&logoMarginBottom=-20



Swisscom Trust Services (LAB): Text

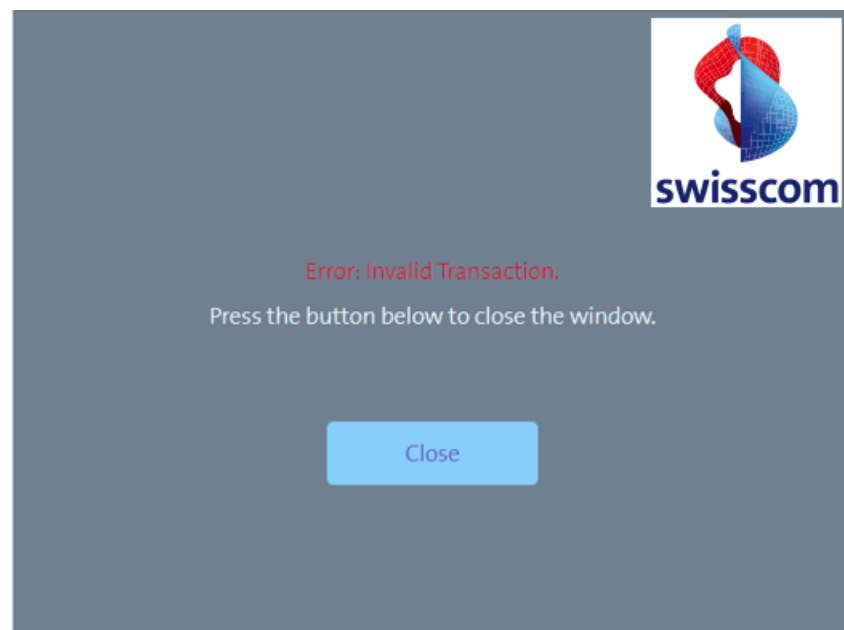
Enter Password to start signing

Password

Cancel Continue

This is a screenshot of a login dialog box for Swisscom Trust Services (LAB). The dialog has a dark gray background. At the top left, it says "Swisscom Trust Services (LAB): Text". At the top right is the Swisscom logo, which consists of a red and blue stylized 'S' above the word "swisscom" in blue. Below the logo, it says "Enter Password to start signing". Underneath that is a label "Password" followed by a white password input field with a vertical cursor. At the bottom, there are two buttons: a gray "Cancel" button on the left and a blue "Continue" button on the right.

Step 3. If the Cancel button is pressed, an error is received. Below is a screenshot.



Error: Invalid Transaction.


Press the button below to close the window.

Close

This is a screenshot of an error dialog box. It has a dark gray background. At the top right is the Swisscom logo. In the center, the text "Error: Invalid Transaction." is displayed in red. Below it, in white, it says "Press the button below to close the window." At the bottom center, there is a blue button with the word "Close" in white.

Step 4. If the password is wrong, after pressing the Continue button, an error is received. See blow.

Swisscom Trust Services (LAB): Text




Enter Password to start signing

Password

The password you entered is invalid.
Remaining attempts: 2

Cancel Continue

If password is wrong 3 times, the process is canceled.



The password was entered more than 3 times incorrectly. If you have forgotten your password you will need a new registration by your registration agency you registered for this service previously.


Press the button below to close the window.

Close

Step 5. If the password is correct, after pressing the Continue button, the code for this transaction id is sent by SMS. Below is an example of the code received in Postman.

```
1. {  
  "text": "124052: Please use this one-time code to sign your document (transaction ID: 1989-9996 Swisscom All-in Signing Service)",  
  "timestamp": "Fri, 14 Apr 2023 11:37:34 GMT"  
}
```


Swisscom Trust Services (LAB): Text



We just sent you a SMS with a one-time code. Please enter this code to continue with the authentication.

Code

Transaction ID: 1989-9996


 The here shown transaction ID has to match with the transaction ID in the received SMS.

Cancel Complete signing

Step 6. Insert the received code by SMS and click the Complete Signing button.

Step 7. If the code is wrong error is received

Swisscom Trust Services (LAB): Text




We just sent you a SMS with a one-time code. Please enter this code to continue with the authentication.

Code

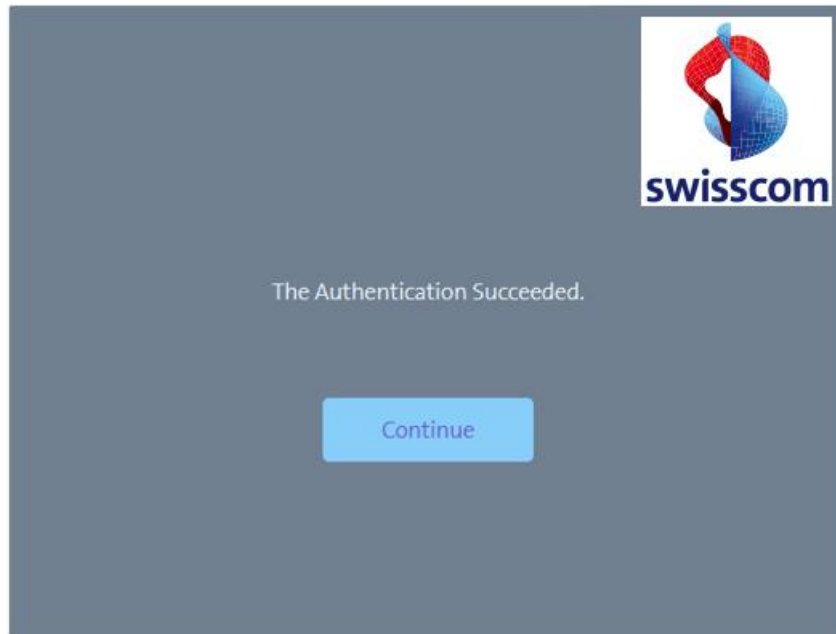
The code you entered was invalid.
Remaining attempts: 2

Transaction ID: 7632-7747

 The here shown transaction ID has to match with the transaction ID in the received SMS.

Cancel Complete signing

Step 9. If the code is correct the confirmation screen is present



Also, on the page source can be seen the value code for this successful action.

```
<link rel="stylesheet" href="/sas/resources/css/custom-logo-height.css?rnd=984671db5516" />
<link rel="stylesheet" href="/sas/resources/css/custom-logo-margin-top.css?rnd=984671db5516"/>
<link rel="stylesheet" href="/sas/resources/css/custom-logo-margin-bottom.css?rnd=984671db5516"/>

<meta name="viewport" content="width=device-width, initial-scale=1.0">
<!--[if IE 9]>
<link rel="stylesheet" type="text/css" href="/sas/resources/css/IE9-workarounds.css?rnd=984671db5516"/>
<![endif]>
</head>
<body>
  <input type="hidden" id="hidden-post-code" name="hidden-post-code" value="sas-success"/>
  <input type="hidden" id="hidden-report-on-display" name="hidden-report-on-display" value="false"/>

  <div class="outer-wrapper center applechancery-custom-font slategray-background-color aliceblue-text-color">
    <div class="inner-wrapper centered-wrapper wrapper-has-logo">
      <div class="page-title-wrapper applechancery-custom-font">
        <div class="page-title clearfix">
          <h4></h4>
        </div>
      </div>
    </div>

    <div id="logo" >
```