

## HOW TO CONFIGURE ONELOGIN TO INTERACT WITH SOLABS QM 10

**Status:** Approved & Effective

**Effective Date:** 2020-03-24

**Control Number:** TINS000068

**Version:** 2

### DOCUMENT INFORMATION TABLE

<b>Name</b>	How to configure OneLogin to interact with SOLABS QM 10
<b>Document Type</b>	Technical Instructions
<b>Description</b>	Added missing step and corrected a typo.
<b>Control Number</b>	TINS000068
<b>Version (Internal Version)</b>	2 (2.0)
<b>Effective Date</b>	2020-03-24
<b>Next Review Date</b>	N/A
<b>Reason for Change</b>	Removed QMx Added warning for trailing / in URLs Added mention about being able to create one or many API Creds.
<b>Additional Information</b>	< empty >
<b>Legacy Number</b>	< empty >
<b>Area</b>	Engineering
<b>ISO Reference</b>	8. Operation
<b>Originator (Author)</b>	pdemers@solabs.com (Pascal Demers)
<b>Document Owner</b>	FCT_Head of Engineering
<b>Document Coordinator</b>	N/A
<b>Unique ID</b>	7c714f11-ac93-4e04-96d4-fc6e9fce8dad

### RELATED ITEMS

N/A

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### APPROVAL TABLE

Status <sup>1</sup>	Selected for Approval username (Full Name), Title	Approved By username (Full Name)	Meaning	Approval Date
APP	pdemers@solabs.com (Pascal Demers), N/A	pdemers@solabs.com (Pascal Demers)	Originator (Author)	2020-03-24 14:56:51 UTC-04:00
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APP	Any, Head of Product & Quality Management	mboire@solabs.com (Martine Boire)	Approver	2020-03-24 15:36:49 UTC-04:00

<sup>1</sup> Legend:

NS: Not Started

AWA: Awaiting Approval

APP: Approved

REJ: Rejected

STO: Stopped

EFFECTIVE

# How to configure the One login feature in SOLABS QM 10 – Client side



CREQ NUMBER:		CREQ- _____			
INSTANCE		INTERNAL: <input type="checkbox"/> QUALIF: <input type="checkbox"/> TEST: <input type="checkbox"/> VALIDATION: <input type="checkbox"/> PRODUCTION: <input type="checkbox"/>			
BACKUP REQUIRED: YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/>		SOLABS DB: <input type="checkbox"/> SOLABS QM APP FOLDER: <input type="checkbox"/>			
CLIENT:					
EXECUTED BY:					
REVIEWED BY:					
	NAME		SIGNATURE	INITIALS	DATE

## 1. INTRODUCTION

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### PURPOSE OF THIS DOCUMENT:

Define the steps required to configure a One login directory in order to enable a SOLABS QM instance to connect to it.

<b>OBJECTIVE</b>	Configure the One Login directory so SOLABS QM 10 can be connected to it.
<b>ASSUMPTIONS</b>	THE CLIENT HAS A ONE LOGIN USER DIRECTORY AND SOLABS QM DEPLOYED.
<b>TYPE OF ACCESS REQUIRED</b>	Administrative rights in the One login management console.
<b>APPLICABLE TO THE FOLLOWING OPERATING SYSTEMS</b>	N/A
<b>SYSTEM DOWNTIME REQUIRED</b>	N/A
<b>ESTIMATED EXECUTION TIME</b>	45 minutes
<b>ROLL-BACK PROCEDURE</b>	Revert configuration
<b>Applicable SOLABS QM version</b>	N/A

## 2. EXECUTION

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### One Login Configuration

Add the “lastPasswordChange” custom field:

1.  Connect to the One Login management console.
2.  Click on **Users**.
3.  Click on **Custom User Fields**.
4.  Click on **New User Field**.
5.  Enter “lastPasswordChange” for both **Name** and **Shortname**.
6.  Click **Save**.

Map the custom field to the AD field:

7.  Click on **Users**.
8.  Click on **Directories**.
9.  Click on your **AD**.
10.  Click on **Directory Attributes**.
11.  Click on **Add Attributes**.
12.  Choose “pwdLastSet” for **Directory Field**.
13.  Choose “lastPasswordChange” for **OneLogin field**.
14.  Click **Save**.

memberOf	→	member_of	required
status	→	status	required
<input type="text" value="pwdLastSet"/>	→	<input type="text" value="lastPasswordChange"/>	×

Create a SAML application:

15.  Click **Applications**.
16.  Click **Applications** in the submenu.
17.  Click on **Add APP**.
18.  Search **SAML**.
19.  Click on **SAML Test Connector (Advanced)**.
20.  Enter the desired **Display Name** and the desired icons.
21.  Click **Save**.
22.  Click **Configuration**.
23.  Enter “qm-val” in the **Audience** field.
24.  Fill both the **ACS (Consumer) URL Validator** and **ACS (Consumer) URL** using the URL of the SOLABS QM Instance. (Ex.: <https://clientX.solabs.com/QM-VAL/>)  
*\*Notice the trailing / at the end of the url as it is important.*
25.  Click **Save**.
26.  Click **SSO**.
27.  Click **View Details (Certificate)**.
28.  Select **X.509 PEM**.
29.  **Click Download**, name the file “SAML\_val.cert” and save it, you will need to provide the file to SOLABS.
30.  Repeat this section for the Production environment while using “qm-prod” has audience and <https://clientx.solabs.com/qm/> for the URL.

Setup the API Credentials:

*For API Credentials, you can either create one for all instances of QM or one per instance. Having one for all means that all instances of QM will be configured with the same API ID and Secret, which could be considered less secured if, for instance one key was compromised. But seeing as instances of QM are usually all deployed on the same server, if a key was ever compromised, all keys would probably be invalidated regardless. But the option is there if desired.*

31.  Click **Developers**.
32.  Click **API Credentials**.
33.  Click **New Credentials**.
34.  Name it SOLABS QM (or SOLABS QM-VAL if you want to create one for every SOLABS QM instance).
35.  Select **Manage Users**.
36.  Click **Save**.

37.  Copy **Client ID** and save it, you will need to provide this information to SOLABS.
38.  Copy **Client Secret** and save it, you will need to provide this information to SOLABS.
39.  Repeat this section for the Production environment using “SOLABS QM-PROD” as the API Credentials name.

Send information to SOLABS

40.  Fill the form
41.  Send the form to SOLABS along with the certificates that were created on step 28.

### 3. COMMENTS

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EFFECTIVE