

HOW TO CONFIGURE ONELOGIN TO INTERACT WITH SOLABS QM 10

Status: Approved & Effective

Effective Date: 2020-03-24 UTC-04:00

Control Number: TINS000068

Version: 2

DOCUMENT INFORMATION TABLE

Name	How to configure OneLogin to interact with SOLABS QM 10
Document Type	Technical Instructions
Description	Added missing step and corrected a typo.
Unique ID	7c714f11-ac93-4e04-96d4-fc6e9fce8dad
Control Number	TINS000068
Version (Internal Version)	2 (2.0)
Effective Date	2020-03-24 UTC-04:00
Next Review Date	N/A
Reason for Change	Removed QMx Added warning for trailing / in URLs Added mention about being able to create one or many API Creds.
Additional Information	< empty >
Legacy Number	< empty >
Area	Engineering
ISO Reference	8. Operation
Originator (Author)	pdemers@solabs.com (Pascal Demers)
Document Owner	FCT_Head of Engineering
Document Coordinator	N/A

RELATED ITEMS

N/A

HOW TO CONFIGURE ONELOGIN TO INTERACT WITH SOLABS QM 10

Status: Approved & Effective

Effective Date: 2020-03-24 UTC-04:00

Control Number: TINS000068

Version: 2

APPROVAL TABLE

Status	Order	Approver (Role)	Approver (User)	Approved By	Meaning	Approval Date
Approved	1	N/A	pdemers@solabs.com (Pascal Demers)	pdemers@solabs.com (Pascal Demers)	Originator (Author)	2020-03-24 UTC-04:00
Approved	2	FCT_Head of Engineering	any	kevin.b.langlois@solabs.com (Kevin Byrne-Langlois)	Approver	2020-03-24 UTC-04:00
Approved	3	FCT_Head of Product & Quality Management	any	mboire@solabs.com (Martine Boire)	Approver	2020-03-24 UTC-04:00

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

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.

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

2. EXECUTION

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

EFFECTIVE