Crm Customer Relationship Management

CRM.Web 15.25.2

CRM.Web SSO Configuration

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Overview

This document provides a step-by-step guide for configuring Single Sign-On (SSO) in Aurea CRM.Web using Microsoft Azure AD and Google OAuth. It outlines the prerequisites, including required builds and optional admin credentials, and details how to register applications in both platforms with appropriate redirect URIs and scopes. The guide then explains how to activate SSO within ACRM by updating the users.xml file with the correct client IDs, secrets, and configuration flags, enabling either or both providers. A final IIS application pool restart is required to apply changes, after which users will see the corresponding SSO buttons on the CRM.Web login screen.

Before you begin

- You will need:
  - ACRM.Web build included in the artifacts folder
  - ACRM.Designer build included in the artifacts folder
  - Optional: Microsoft admin account to configure the Azure Application.
  - Optional: Google admin account to configure the Google Project.

Create the Azure Application

- Go to Azure Portal → Entra ID → App registrations → New registration
    - Name: CRM Web SSO
    - Supported account types: Choose per org policy (Single tenant recommended first)
    - Redirect URI (Web): `https://<crm-host>/api/Sso/Callback?provider=microsoft`
- After creation, copy:
    - Application (client) ID
    - Directory (tenant) ID
- Go to Certificates & secrets → New client secret
    - Create a new secret
    - Copy the secret value (store securely)
- Go to Authentication → Configure
    - Web redirect URIs include: `https://<crm-host>/api/Sso/Callback?provider=microsoft`
    - Enable ID tokens (checked)
    - (Optional) Front-channel logout URL: `https://<crm-host>/api/Authentication/Logout`
- Navigate to API permissions
    - OpenID Connect scopes only (no Graph needed): `openid`, `profile`, `email`
    - Admin consent (if required by tenant policy)

Create the Google Project

- **Go to Credentials**
    - In your project: **APIs & Services** → **Credentials**
    - Click **Create Credentials** → **OAuth client ID**

2. **Choose application type**

- Most common: **Web application** (for browser → your backend)
- Give a clear name (e.g., `CRM.Web SSO`)

4. **Configure authorized URIs**

- For **Web application** you'll see two boxes:
  Authorized JavaScript origins (only needed for front-end using Google Identity Services One-Tap/Popup):
    - `https://<crm-host>`
- **Authorized redirect URIs** (required; where Google sends users back with the auth code):
    - `https://<crm-host>/api/Sso/Callback?provider=google`

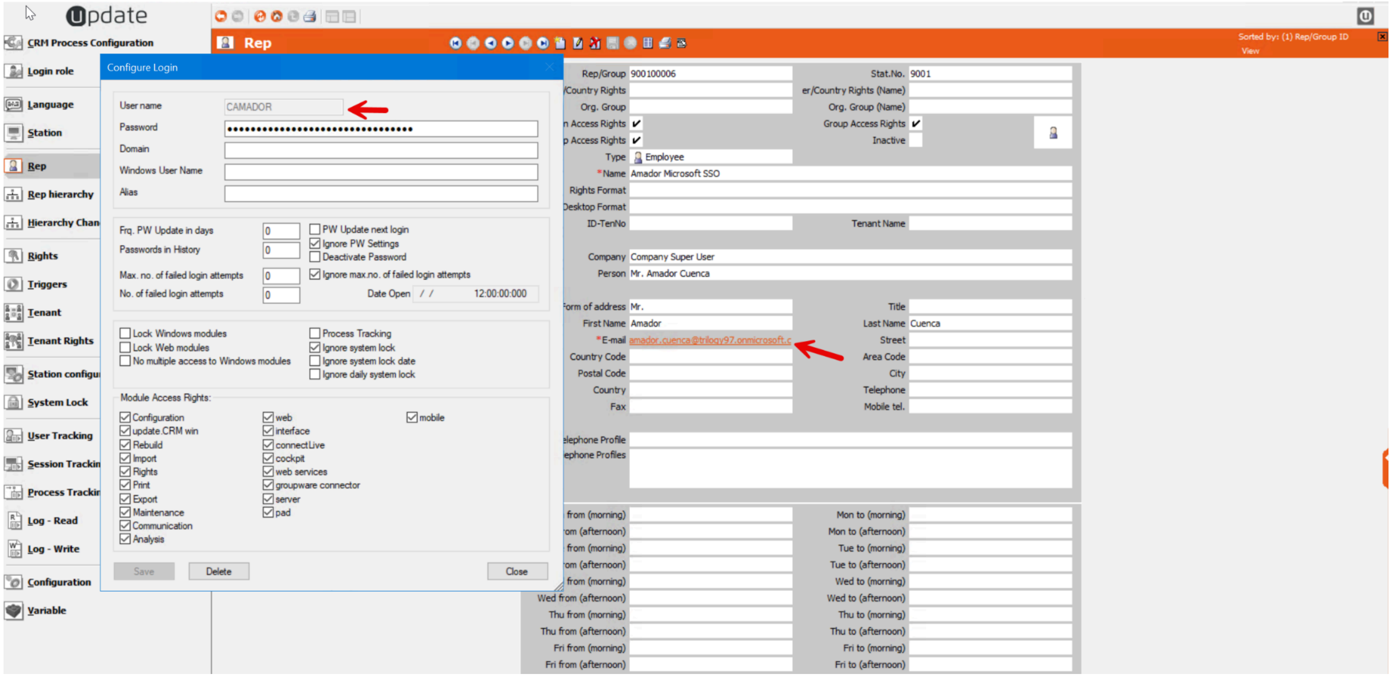
  Tip: Redirect URIs must match **exactly** (scheme, host, path, and trailing slash).

5. **Create App Client ID and Secret**

- Click **Create** → you'll get a **Client ID** and **Client Secret**.
- **Download JSON** if you prefer; otherwise copy them now.
- Use the standard OIDC scopes in your app config:
    - `openid email profile`

Configure SSO in ACRM

First and foremost, the Rep Email field should be set to the SSO email.The rep should have an user assigned and the authentication and authorization flow will be the same as in standard login/Windows SSO.



Configure Login

User name	CAMADOR
Password	••••••••••••••••••••••••••••••••
Domain	
Windows User Name	
Alias	

Frq. PW Update in days	0	□ PW Update next login
Passwords in History	0	☑ Ignore PW Settings
		□ Deactivate Password
Max. no. of failed login attempts	0	☑ Ignore max.no. of failed login attempts
No. of failed login attempts	0	Date Open / / 12:00:00:000

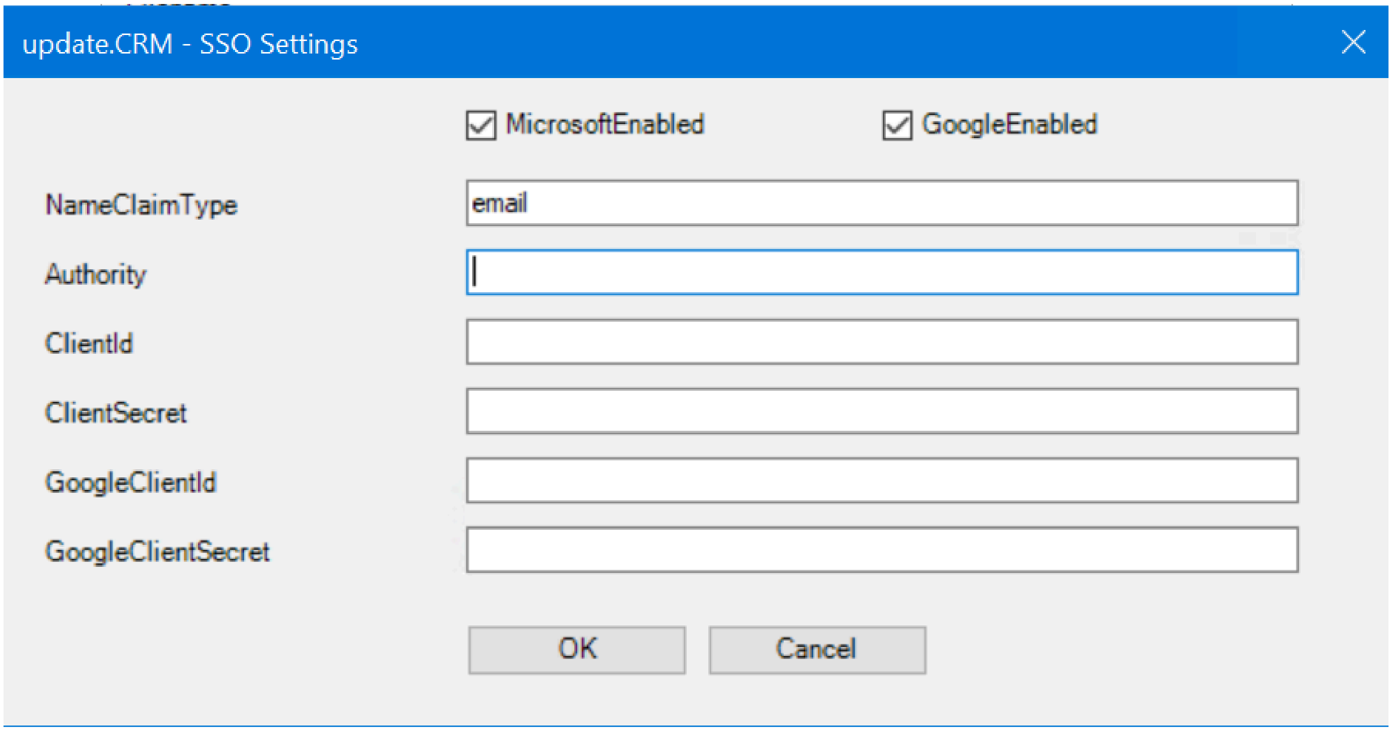
- □ Lock Windows modules
- □ Lock Web modules
- □ No multiple access to Windows modules
- □ Process Tracking
- ☑ Ignore system lock
- □ Ignore system lock date
- □ Ignore daily system lock

Module Access Rights:

- ☑ Configuration
- ☑ update.CRM win
- ☑ Rebuild
- ☑ Import
- ☑ Rights
- ☑ Print
- ☑ Export
- ☑ Maintenance
- ☑ Communication
- ☑ Analysis
- ☑ web
- ☑ interface
- ☑ connectLive
- ☑ cockpit
- ☑ web services
- ☑ groupware connector
- ☑ server
- ☑ pad
- ☑ mobile

Rep/Group	900100006	Stat.No.	9001
/Country Rights		er/Country Rights (Name)	
Org. Group		Org. Group (Name)	
n Access Rights	✓	Group Access Rights	✓
p Access Rights	✓	Inactive	
Type	Employee		
*Name	Amador Microsoft SSO		
Rights Format			
Desktop Format			
ID-TenNo		Tenant Name	
Company	Company Super User		
Person	Mr. Amador Cuenca		
Form of address	Mr.	Title	
First Name	Amador	Last Name	Cuenca
*E-mail	amador.cuenca@trilogy97.onmicrosoft.c	Street	
Country Code		Area Code	
Postal Code		City	
Country		Telephone	
Fax		Mobile tel.	
elephone Profile			
ephone Profiles			
from (morning)		Mon to (morning)	
om (afternoon)		Mon to (afternoon)	
from (morning)		Tue to (morning)	
om (afternoon)		Tue to (afternoon)	
from (morning)		Wed to (morning)	
Wed from (afternoon)		Wed to (afternoon)	
Thu from (morning)		Thu to (morning)	
Thu from (afternoon)		Thu to (afternoon)	
Fri from (morning)		Fri to (morning)	
Fri from (afternoon)		Fri to (afternoon)	

SSO has been integrated into ACRM.Web and can be configured easily by just updating the users.xml file using the update.users.exe in the web/bin folder.



☑ MicrosoftEnabled ☑ GoogleEnabled

NameClaimType: email

Authority:

ClientId:

ClientSecret:

GoogleClientId:

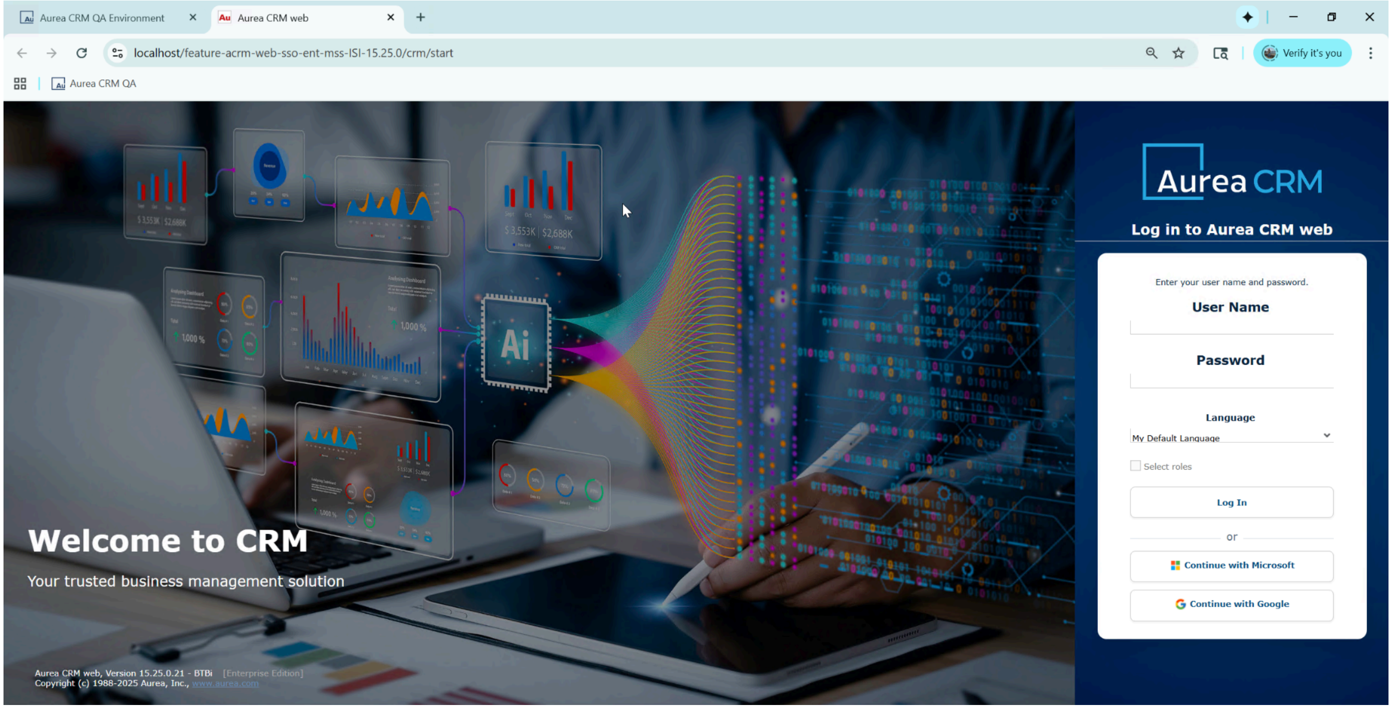
GoogleClientSecret:

Name	**Type**	
MicrosoftEnabled	boolean	`true` or `false`
GoogleEnabled	boolean	`true` or `false`
NameClaimType	string	`email`
AzureAdAuthority	string	https://login.microsoftonline.com/{TenantId}
AzureAdClientId	string	Client Id from the Azure app
AzureAdClientSecret	string	Client Secret value from the Azure app
GoogleClientId	string	Client Id from the Google project
GoogleClientSecret	string	Client Secret from the Google project

Notice that we do not need to configure both, we can opt to configure Microsoft, Google or both. But if we configure one and mark the checkbox, we have to provide all values otherwise the validator will fail in runtime and the SSO buttons won't appear in the login screen.

After modifying the users.xml it is required to restart the CRM.Web Application Pool in IIS.

This is the modern theme login screen:



localhost/feature-acrm-web-sso-ent-mss-ISI-15.25.0/crm/start

Welcome to CRM

Your trusted business management solution

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Log in to Aurea CRM web

Enter your user name and password.

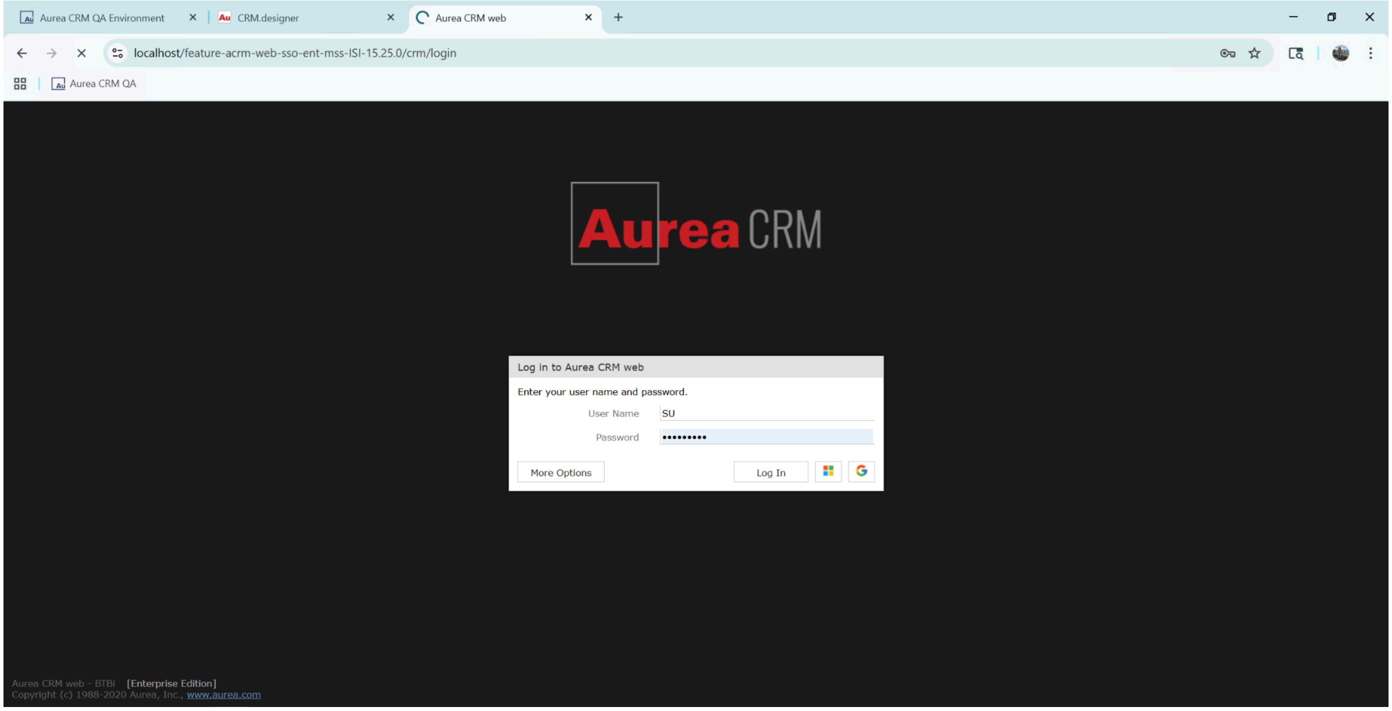
User Name

Password

Language: My Default Language

□ Select roles

And this is the standard update login screen:



localhost/feature-acrm-web-sso-ent-mss-ISI-15.25.0/crm/login

Log in to Aurea CRM web

Enter your user name and password.

User Name: SU

Password: •••••••••

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Notice that in both cases the two buttons are shown because I configured both. But you can opt in to configure only one. For example, Microsoft.