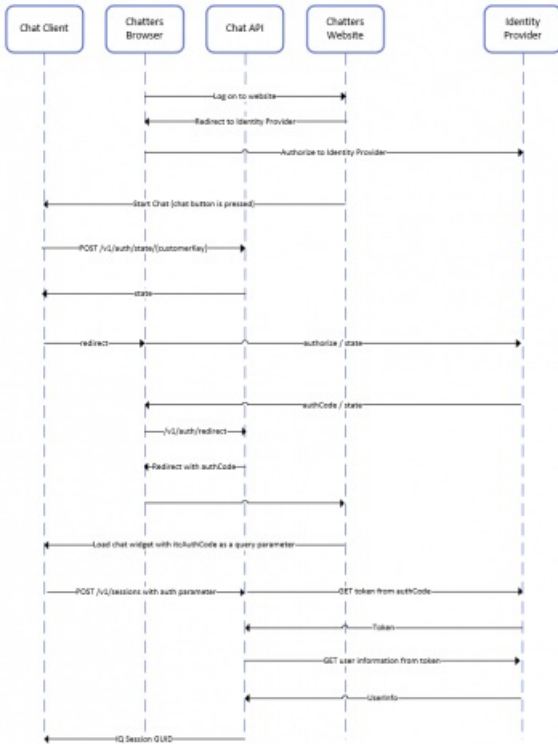


## Configuring secure chat (SSO)

This article describes the steps you need to follow in order to set up secure chat based on single sign on (SSO). For some chat solutions, it is essential that the end user is authenticated and securely identified for the communication to take place. Puzzel's secure chat solution will enable an authenticated users e.g. signed in to a "my page" or similar using an Open ID Connect (OIDC) based authentication (Signicat, Azure AD B2B etc.), to use the same authentication when starting a chat. In this way agents will know the authentication details e.g. the end user's identity, instead of the end user stating their identity manually.

Below is the general flow chart for Puzzel's Chat SSO authentication using Open ID Connect:



## Steps to set up secure chat

1. In the Administration Portal, go to "Admin → Users → Products → Secure Chat"

Secure Chat ?

Quick find users/user groups

Company  
Braathe dev

User Group  
agent ▼

User  
Select User ▼

	Company		User Group		User	
	Inherit	Value	Inherit	Value	Inherit	Value
Claims to be masked (Semicolon separated like: sub;nationalId)	<input checked="" type="checkbox"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text"/>		
OIDC ACR Values	<input checked="" type="checkbox"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text"/>		
OIDC Client Id	<input type="checkbox"/>	https://euwa-dev.e	<input checked="" type="checkbox"/>	https://euwa-dev.e		
OIDC Client Secret	<input type="checkbox"/>	.....	<input checked="" type="checkbox"/>	.....		
OIDC endpoint for authorization	<input type="checkbox"/>	https://login.micro:	<input checked="" type="checkbox"/>	https://login.micro		
OIDC endpoint for token	<input type="checkbox"/>	https://login.micro:	<input checked="" type="checkbox"/>	https://login.micro		
OIDC endpoint for token authentication method (client_secret_basic or client_secret_post)	<input type="checkbox"/>	client_secret_pos!	<input checked="" type="checkbox"/>	client_secret_pos		
OIDC endpoint for userinfo	<input type="checkbox"/>	https://graph.micr:	<input checked="" type="checkbox"/>	https://graph.micr		
OIDC Scope	<input type="checkbox"/>	openid profile use	<input checked="" type="checkbox"/>	openid profile use		

**Claims to be masked** - semicolon separated list; every claim present in the list will be masked by the Chat API. Neither the user or the agent will be able to see the full value of the claim.

**OIDC ACR Values** - Authentication Context Class Reference Values (see [https://openid.net/specs/openid-connect-eap-acr-values-1\\_0.html](https://openid.net/specs/openid-connect-eap-acr-values-1_0.html))

**OIDC Client ID** - Your client id

**OIDC Client Secret** - Your client secret

**OIDC endpoint for authorization** - Authorization endpoint

**OIDC endpoint for token** - Token retrieval endpoint

**OIDC endpoint for token authentication method:**

- *client\_secret\_post* - the client secret will be present in the POST data.
- *client\_secret\_basic* - the client secret will be present as Authorization header.

**OIDC endpoint for userinfo** - User info endpoint

**OIDC Scope** - Limitation of what user data can be retrieved (see <https://oauth.net/2/scope/>)

2. In the Administration Portal, go to "Admin → Services → Services → {Customer Service Number} → Queues"

ID (queue_key)	Queue Name	Qualities	SLA (sec)	Alternative SLA (sec)	SLA Overflow 1 (score)	SLA Overflow 2 (score)	Wrap-up (sec)	Call Recording	Reserved Agent (s)	Autostore reserved agent (d)	Maximum in Queue	Auth. Name	Refuse if All Logged Out	Refuse if All In Pause	Sync/Add to Statistics	Require Skill on queue for Reserved	Require First in queue for Reserved
q_chat_o	Cha	1.5 A	0	0	0	0		No	0	0		OIDC	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[+ Add Queue](#)

See the **Auth. Name** field. If you want the queue to accept only secure chat requests, you should fill it in with the connection name (**OIDC** in our case)

**3. In the Administration Portal, go to "Admin → Services → Chat → {Configuration} → Secure Chat"**

Secure Chat			
PARAMETER		INHERITED	VALUE
Authentication - Type Name [authConnectionName] ?		<input type="checkbox"/>	oidc
Authentication - Mapping [authMapping] ?		<input type="checkbox"/>	+
<b>Key</b> name	<b>Map Type</b> NickName	<b>Description</b> Name	<a href="#">✎</a>
<b>Key</b> email	<b>Map Type</b> ChatId	<b>Description</b> E-mail	<a href="#">✎</a>
<b>Key</b> photo	<b>Map Type</b> Variable	<b>Description</b> Avatar	<a href="#">✎</a>

**authConnectionName** - connection name, should be the same as in step 2 above.

**authMapping** - data mapping. The key is the first-level properties coming from the user info endpoint (described in step 1).