# API Security

Puzzel's API security is based on OpenID Connect, OpenID Connect is a identity layer on top of the OAuth 2.0 protocol. It allows Clients to verify the identity of the End-User based on the authentication performed by an Authorization Server, as well as to obtain basic profile information about the End-User in an interoperable and REST -like manner.

OpenID Connect allows clients of all types, including Web-based, mobile and JavaScripts clients, to request and receive information about authenticated sessions and end-users.

See http://openid.net/connect/faq/ for a set of answers to Frequently Asked Questions about OpenID Connect.
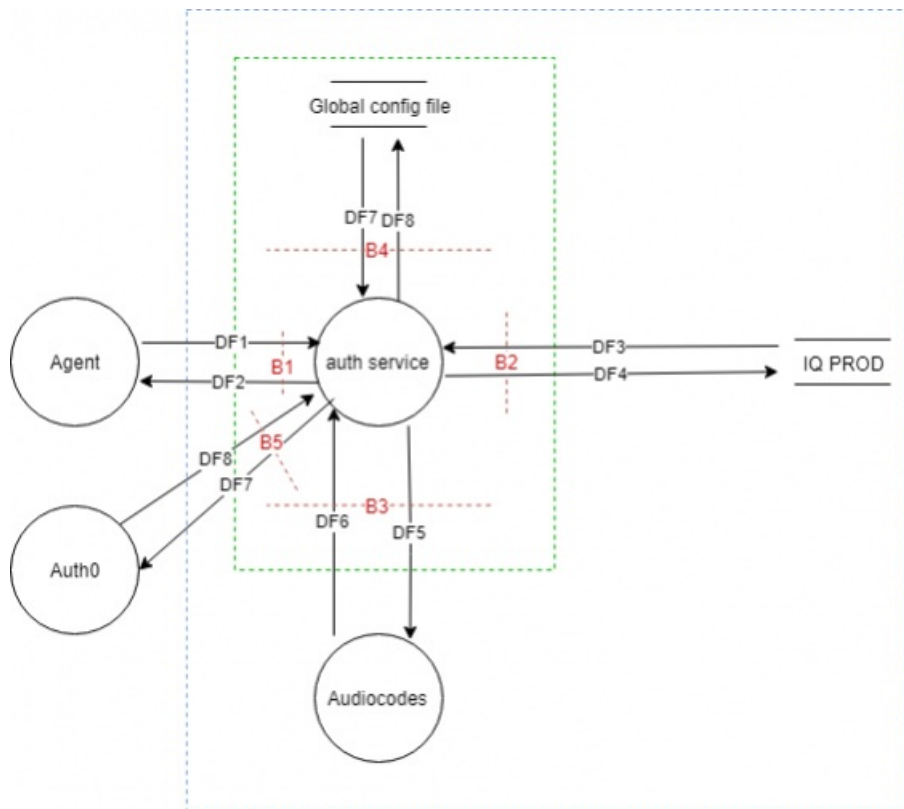
Name	Description
Lines	Green dotted line: server. Blue dotted line: platform. Circle, process
Global config file	Global configuration file that contains (encrypted) private key
Agent	Agent client and other clients iusing the auth service to get accesstoken
Auth0	3rd party service we use for SSO. Agent is redirected here for SSO authentication
Audiocodes	Audiocodes is the phone switch that uses the auth service to check accesstoken for users accessing softphone
IQ PROD	Database containing all users, their configuration and credentials. Also contains refreshtokens. Map external users towards a user id
DF1	Logon on with credentials or refreshtoken to receive accesstoken. Only support https
DF2	Retrive accestoken on request. Only support https
DF3	Get user data and refresh token

Name	Description
DF4	logon a user, get configuration data for a user
DF5	Send softphone adress of user
DF6	Ask Introspection Response Endpoint with an accesstoken to get softphone adress of user
DF7	Get user claims based on an auth token
DF8	Send user claims