

Client Flow Without Any User Interaction

APIoneer



This site should describe current possibilities to authenticate clients and authorize them on myAudi or general Audi resources.

IDSSO

OAuth Client Credential Flow ([link](#)).

Currently ACP is discussing this together with IDSSO: https://collaboration.msi.audi.com/confluence/display/EC/ACP_Service_id

[How to integrate with Audi ID & CIAM](#)

Open questions:

1. What is the current status within IDSSO? Is Client Credential Flow supported?
GB: clarified with [Peter Kersting](#) that the Client Credential Flow is as a std. OAuth flow supported, but not yet implemented.

- ☒ Adrian Gluchow did you already clarified with Datenschutz that your application has access on the needed customer data? Hint Laura Moebius and Janina Maier are currently clarifying for their scopes with Audi GG if a consent is needed at all or if the usage of the service already the consent.



WEGA / SWEGA

AWSI service wants to request SWEGA resources.

Open questions:

1. Who is providing a technical user for SWEGA for each stage?
GB: This should be SWEGA similar with a basic auth (username, pw). Pls contact SWEGA for this.
2. VW certificate or SSL-certificate needed?
GB: I don't know! Pls contact SWEGA and ask for the correct certificate! How are other applications requesting resources from SWEGA?
3. When does SWEGA plan to handle IDSSO AT (Access Tokens)?



Non Exposed Services

[Thomas Uellner](#): How do we proceed with non exposed services ? We currently have our MAT import service that has to run frequently (once a day). This service is triggered by a scheduler within AWSI - so the service is not started from outside AWSI.

Therefore the service cannot get a JWT from the API gateway, which is necessary to do updates in the ODS Database.

[Genc Begolli](#) you mentioned two possibilities to overcome the situation:

1. The MAT Import Service connects to IDSSO to get an IDSSO ticket and gets via the API Gateway a JWT
2. Our JWT service (that can generate an JWT in AWSI) will be integrated into the API Gateway and can be called by services within AWSI (without the need to leave AWSI) to get a JWT. (As we understood we are not allowed to generate our own JWT , using our JWT Creation Service; only the API Gateway is allowed to do that)

What is the option API Gateway is proposing at the end ? I personally do not yet understand how the first option can work at all. Maybe you can support us.

[Genc Begolli](#): Genc here is the link to the MAT Import Service Workflow: [MAT Sequence](#)



AWSI Connection to IA Services

[Genc Begolli](#): We discussed the connection from AWSI to VSRS (VehicleSpecificationRecoveryService) some time ago. You proposed that API Gateway acts as a kind of Proxy to connect to VSRS. So our VSRS Bus Service calls a URL that API Gateway provides and from there the request is routed to the target backend system.

Please can you tell us, whether this is the agreed solution from an architecture point of view, that the connection to IA services always go thru the API Gateway ?

GB: currently there is no agreed architectural way, but it is an option which we could implement and which is already in place for the User Information endpoint from iPortal.

Additional question: is there a standard template that has to be filled with the business justification that shows the need to access the IA Service ?

GB: yes there is a template for which the dedicated business case has to be described ([Template_VTP_Service_Consumer_Specification_engl.doc](#)). This specific service costs around 20k€/year if I'm not mistaken. If this is still a "Versuchsballon" I would recommend to choose a different IA service!

AWSI Connection to MBB via MSG

Das Projekt USM – Unfall Schaden Management braucht eine Connection von AWSI zu MBB. Im Ticket dazu hat Katrin Harrer geschrieben:

In case of an accident the callcenter agent should be able to better support the customer based on connected car information.
Therefore a connection from AWSI (on which ADM is developed) to MBB (Modular Vehicle Backend) has to be enabled.
According to [Genc Begolli](#) - to get information from MBB a Token Handling has to be established.

As well for Audi Commerce Plattform (ACP) as for myAudi there are currently solutions existing. Information to the existing solution can be given by Michael Ibbeken (michael.ibbeken@audi.de).

Salesforce to connect Connection Services in AWSI

[Genc Begolli](#) [Kristopher Gilbert](#):

we have the request of RED-Salesforce to connect to Connectivity Services with a certificate. That means the application connects to the API Gateway using a certificate.

Questions: :

1. Who has to create the certificate ? is it the API Gateway ?
2. What does the API Gateway need to verify the certificate ?

OAuth Token Endpoint

OAuth token endpoint accepts and validates the client credentials to generate the access token based on OAuth 2.0 Specifications. Access token can be used by the applications to access the back-end services based on the scope defined for the access token

Request:

URI: /auth/oauth/token

Content-type: application/x-www-form-urlencoded

Header:

Authorization: Basic Base64(client_id:client_secret) . OPTIONAL if client_id and client_secret are provided in parameters.

Parameters:

- client_id : OPTIONAL, if Basic Authorization header is provided.
- client_secret : OPTIONAL, if Basic Authorization header is provided.
- grant_type: REQUIRED, Allowed value is "client_credentials".
- scope: OPTIONAL, contains space delimited required scope. If not provided in request, all scopes assigned to client_key will be allowed access.

Response:

Content-type : application/json;charset UTF-8

Parameters in json object:

- access_token: Gateway JWT, which can be used to access the gateway services.
- token_type: Bearer or Mac token.
- expires_in: Expiry of access token in seconds.
- scope: space separated aws roles allowed for access token.

For further information please refer to Page OAuth Token Endpoint: [OAuth Token Endpoint](#)