

Introduction

We support language bindings in [cutt.], [60] (and many more coming soon)! You can view code ex

This API docs page was created with Slate.

Background

OAUH2 and OpenID Connect are fundamental to securing your APIs. At some point, your APIs will need to allow limited access to users, servers, or servers on behalf of users. IAG's API authentication and authorization features allow you to manage the authorization requirements for server-to-server applications.

Server to Server API Access

World Mappers is a company that has been collecting geo-spatial data for many years. They are building a new API to offer geo-coding and route planning

By using the OAuth 2.0 authorization framework, you can give your own applications or third party applications limited access to your APIs on behalf of the application itself.

Using IAG Auth Service, you can easily support different flows in your own APIs without wornying about the OAuth 2.0 OpenID Connect specification, or the many other techn

Several participants in the OAuth 2.0 specification can be identified

- Authorization Server: IAG Auth Service, in this case
 Resource Servers: your APIs
 Clients: the consumers of your APIs, which can include third-party
 Resource Owner: the user of your APIs and of the applications
 User Agent: the user's browser or mobile app
 User Agent: the user's browser or mobile app

Server to Server Applications: Client Credentials Grant

fith Client Credentials Grant, a Client can directly request an [access_token] to the Auth stead of identifying a Resource Owner, this token will represent the Client itself.

- eac or isomeraying a resource Lwiner, this bosen will represent the Liefst tiges.

 The Client authenticates with the Authorization Server using its £Lises_is and (Lises_server)

 The Authorization Server validates this information and returns an iscoss_token

 The Client can use the (access_token) to call the Resource Server on behalf of itself.

his flow is not redirect based, but is an API call made by the Client to the Auth

- Allow the Client to make calls to the Resource Server on its own behalf (machine to machine)
 APIs and services that are not user centric
- Client_ssl_certificate can be used in lieu of client_id and client_secret, provided the client can utilise (ssl_certificate) for authenticating itself

1 of 2 02/08/16 13:48

Token Create Token This endpoint creates a (taken) that you can use later to authenticate with other services that support our (taken). At present this endpoint only supports (taken) for machine to machine communication, i.e the (taken) are issued for a service / system account. [POST https://api.auth.auiag.corp/v1/oauth/tokens] Key Type Description [audiance] [string] API Endpoint for which the generated token will be used (CHECK SAME) (1770) Over Endpoint or with or any generation below on an accident of control of cont | Column | C • If no scope is requested, a taken is generated with empty scopes. The response will be a signed JWT (JSON Web Token) containing at least the following claims in the body: Key Type Description Las Extring Identifies the principal that issued the JWT (aub) (string) Identifies the principal that is the subject of the JWT (aud) (string) Identifies the recipients that the JWT is intended for (exp) (timestamp) Identifies the JWT expiry time timestamp Identifies the time at which the JWT was issued **Errors** Code Meaning 400 Bad Request – Your request is not valid 404 Not Found – The specified resource could not be found 415 Unsupported media type – Content-Type is not supported by our server 500 Internal Server Error – We had a problem with our server. Try again later. 503 Service Unavailable – We're temporarily offline for maintenance. Please try again later. References

This API is based on the following RFC specs

OAuth v2, draft-31
 OpenID Connect

2 of 2 02/08/16 13:48