

Mondia Gateway API Integration

Getting started with Mondia's APIs

Mondia provides third-parties a very simple and convenient interface to integrate with its authentication, subscription and billing system.

Except for some some very specific use-cases the APIs are designed for **server-to-server communication** and should **never be used directly** from a partner's client-side application (web shop, mobile app etc.).

Gateway

The internal Mondia systems (APIs, customer specific lifecycle managers, services) are exposed through a public Gateway that provides customized access. The sequence to be executed by a client is:

- use the gateway key to retrieve a client level access token
- use the gateway key and client token to execute client level API calls
- use the gateway key and client token to authenticate a user and retrieve a user level access token
- use the gateway key and user level access token to execute user level API calls

For that access you need a gateway key which you can request from your contact. The key has to be provided as a header parameter X-MM-GATEWAY-KEY.

Access tokens

Together with the gateway key, any interaction with Mondia's Partner APIs requires to provide a client access token or a user access token obtained beforehand. A user access token is required for all operations which are related to a specific user's identity (e.g. a MSISDN). For all other operations a client access token is sufficient.

Get a client access token

This is always the first step when interacting with our APIs. Since with this call you receive the access token for the client, it is the only call to be executed with only passing the gateway key in the header X-MM-GATEWAY-KEY and no access token. All further calls require the received client access token respectively a user level access token that can be retrieved through user authentication (see section below).

Interactive Documentation <https://staging-gateway.mondiamedia.com/gateway/#!/gateway/client>

Request URL <https://staging-gateway.mondiamedia.com/v0/api/gateway/token/client>

Request Method **POST**

CURL Sample

```
curl -X POST
  \ --header "Content-Type: application/x-www-form-urlencoded"
  \ --header "Accept: application/json"
  \ --header "X-MM-GATEWAY-KEY: da83c671-d3b3-4c86-8768-1804fec0ff86"
  https://staging-gateway.mondiamedia.com/v0/api/gateway/token/client`
```

Response Status 200 OK

Response Body

```
{
  "access_token": "C8e8f025e-8f01-4809-9ffd-383f2b855bf4",
  "token_type": "bearer",
  "expires_in": 43200
}
```

This client access token must be stored in the Partner's backend as long as it is valid. Once it expired the Partner can request a new client access token using the same call.

Get a user access token

Once a service needs to interact with the API on behalf of a specific user a user access token needs to be created.

Interactive Documentation <https://staging-gateway.mondiamedia.com/gateway/#!/authentication/handleExternalIdentityTokenRequest>

Request URL <https://staging-gateway.mondiamedia.com/v2/rest/authentication/external>

Request Method POST

CURL Sample

```
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' --header 'X-MM-GATEWAY-KEY: Gd157528c-deb5-c438-b331-d511b79e84b6' -d '{
  "externalType": "MSISDN",
  "externalId": "49123456789"
}' 'https://staging-gateway.mondiamedia.com/v2/rest/authentication/external'
```

Response Status 200 OK

Response Body

```
{  
  "accessToken": "Uccb9335e-1a0c-4a6e-9301-20bc22b93db4",  
  "tokenType": "bearer",  
  "expiresIn": 43200,  
  "refreshToken": "R906f31f5-8ad1-48af-ac26-8e9b62ff2f06"  
}
```

This user access token can also be used for method that are not necessarily user specific (e.g. content browsing). The service does not have to store both token types.

API access

Mondia uses JSON as resource representation. For the sake of simplicity examples may omit certain HTTP headers which always need to be set by the client:

Mandatory Request Headers

Accept: application/json

Authorization: Bearer your-access-token

For request that includes a payload (**PUT**, **POST**) the clients must also indicate the format of the payload:

Content-Type: application/json