

PressMatrix Authentication API

The PressMatrix Authentication API enables publishers to integrate a thirdparty database for subscriber authentication and authorization.

Authentication

Authenticates a subscriber by it's username and password.

POST [https://yourhost.com/\[yourpath\]/pmx-api/v1/\[profile\]/authenticate](https://yourhost.com/[yourpath]/pmx-api/v1/[profile]/authenticate)

Profile will be defined by PressMatrix and identifies a publication profile with multiple platforms.

Example CURL Request

```
$ curl https://yourhost.com/pmxapi/v1/mypublication/authenticate \
  -u user:password \
  -X POST \
  -H 'Accept: application/json' \
  -H 'ContentType: application/json' \
  -d '{"username":"sampleuser","password":"c2FtcGxldXNlcg"}'
```

Example Request Body

```
{
  "username" : "sampleuser",
  "password" : "c2FtcGxldXNlcg"
}
```

Example CURL Request

```
{
  "token" : "CMVZCG9UC2UGDG9RZW4"
}
```

Request Fields

Authentication requests have the following fields:

**M - These fields are mandatory*

field name	field description
username ^(*)	username (or email) of the subscriber
password ^(*)	password of the subscriber

Response Fields

Authentication responses have the following fields:

**M - These fields are mandatory*

field name	field description
token ^(*)	nonexpiring authentication token of the subscriber

Authentication

Checks if a subscriber is authorized to access a single issue.

POST [https://yourhost.com/\[yourpath\]/pmx-api/v1/\[profile\]/authorize](https://yourhost.com/[yourpath]/pmx-api/v1/[profile]/authorize)

Profile will be defined by PressMatrix and identifies a publication profile with multiple platforms

Example CURL Request

```
$ curl https://yourhost.com/pmxapi/v1/mypublication/authorize \
  -u user:password \
  -X POST \
  -H 'Accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{"token": "CMVZCG9UC2UGDG9RZW4", "issue_name":
"Sample Issue", "issue_date": "20140101",
"product_id_apple": "sample_issue_01_01_2014", "product_id_google":
"sample_issue_01_01_2014", "product_id_amazon":
"sample_issue_01_01_2014"}'
```

Example Request Body

```
{
  "token" : "CMVZCG9UC2UGDG9RZW4",
  "issue_name" : "Sample Issue",
  "issue_date" : "20140101",
  "product_id_apple" : "sample_issue_01_01_2014",
  "product_id_google" : "sample_issue_01_01_2014",
  "product_id_amazon" : "sample_issue_01_01_2014"
}
```

Example CURL Request

```
{
  "granted" : "true"
}
```

Request Fields

Authentication requests have the following fields:

**M - These fields are mandatory*

field name	field description
token ^(M)	nonexpiring authentication token of the subscriber
issue_name ^(M)	name of the issue the subscriber wants to access
issue_date	release date of the issue the subscriber wants to access. Date format: YYYYMMDD ^(M)
product_id_apple ^(M)	Apple iTunes Connect in app product id
product_id_google ^(M)	Google Wallet in app product id
product_id_amazon ^(M)	Amazon App Store product SKU

Response Fields

Authentication responses have the following fields:

**M - These fields are mandatory*

field name	field description
granted	<code>true</code> if the subscriber has access and <code>false</code> if not

HTTP Response Codes

General http status response codes for requests.

Success

- 200 Success: request was successful

Error

- 400 Bad Request: generic errors, such as not being able to parse the submitted JSON
- 401 Unauthorized: request requires authentication and authorization fails
- 404 Not Found: requested resource was not found
- 500 Internal Server Error: a generic error message, given when an unexpected condition was encountered and no more specific message is suitable.